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Validation report 1

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CINI

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INDEX

Executive summary	5
1. Project status and evolution	6
2. The SIGN-HUB Scrum development process	8
2.1. Roles	8
2.2. Backlogs	10
2.3. Structure of sprints	10
3. Validation results	13
4. Sprint documents (sprint 7).....	15
4.1. Clarifications on project backlog.....	15
4.2. Project backlog	26
4.2.1. Grammar Tool.....	27
4.2.2. Atlas Tool	40
4.2.3. Assessment Tool.....	64
4.2.4. Streaming Tool	78

Executive summary

This deliverable discusses the validation of the SIGN-HUB platform. In the SIGN-HUB project, we adopted an incremental validation approach implemented on top of an agile development process. In a nutshell, we adopted an agile Scrum software development process with development sprints of four weeks. After each sprint we deliver a new prototype to the WP2 users, and the prototypes are validated by all the interested stakeholders who provide feedback that is used to set up the activities for the following sprints.

In this document, we present both the current software development process and the results of the incremental development activities. In Section 1, Project status and evolution, we summarize the evolution of the software development process that led to significant changes after the last review and the definition of a controlled scrum approach. In Section 2, The SIGN-HUB Scrum development process, we present the current SIGN-HUB implementation of the Scrum development process that we are following since the last review. In Section 3, Validation results, we summarize the results of the incremental validation activities, by aggregating the feedback produced after each sprint. Section 4 Sprint documents (sprint 7) reports an example of the documentation produced by a development sprint, aimed at clarifying the sprint workflow.

1. Project status and evolution

In this section we (i) summarize the main objectives of WP3, (ii) outline the core element of the SIGN-HUB platform, and (iii) discuss the unforeseen issues that emerged in the first part of the project and that were clearly signaled in the first periodic review, as a forward to the next section where we present the current SIGN-HUB development process that was defined to overcome the issues.

The main objective of WP3 of the SIGN-HUB project is the development of a distributed, cloud-based software platform that assists the SIGN-HUB researchers in creating the project contents, and the general public in accessing and consuming them. The SIGN-HUB contents can be broadly classified into four areas:

- Online digital grammars of sign languages, which will be used to create the grammars of 6 sign languages during the project;
- An interactive digital atlas of linguistic structures of the world sign languages;
- A set of sign language assessment instruments for education and clinical intervention;
- A digital archive of life narratives by elderly signers, subtitled and partially annotated for linguistic properties.

The SIGN-HUB platform must therefore offer:

- Online tools allowing linguists to edit, structure, cross-reference and gloss sign language grammars, according to a common grammar template; The grammars should be able to include hypermedia contents as images and videos;
- An online portal that presents the edited grammars to the public in a readable fashion, and allows to navigate across them, based on their structure and cross-references;
- Online questionnaire tools allowing to collect from sign language experts information on linguistic features and structures of a broad number of world sign languages, to validate them, and to perform statistical analyses on them;
- An online interactive world map that presents the information on the linguistic features and structures of sign languages in an intuitive way, and that allows to perform queries and visualize their results on the map;
- Online and offline tools allowing experts on language disorders to define linguistic tests as sequences of questions/answers, and for administering them on signing patients;
- A cloud-based video repository; SIGN-HUB researchers must be able to upload, and withdraw, video content on it, and grant or revoke use permissions for the uploaded material;
- An online portal that allows the general public to view by streaming, and download if allowed by the owner, the videos contained in the repository.

During the first year of the project, several unforeseen issues emerged that led to the critical situation clearly highlighted in the first periodic review, and that we carefully addressed with a new development and validation process. The new process allowed us to both recover from the initial critical issues and smoothly deal with additional unforeseen events that occurred during the second year of the project.

The most critical issues that have emerged so far are:

- Unexpected changes in the organizational conditions of CINI, due to the simultaneous approval of various projects, and related staff involvement (Toreador n. 688797 H2020-ICT-2015 Research and Innovation action, Compass Erasmus+ Programme AGREEMENT NUMBER 2015-1-EL01-KA203-014033), and the appointment of CINI as a National Cybersecurity Laboratory, determined an unforeseeable need of integrating the CINI team with new resources. The time necessary to find resources with suitable skills and expertise determined a delay in the software development activities, that could not start before the beginning of year 2.
- This delay caused a misalignment between the activities of WP2 and WP3, which we had to compensate by rescheduling both WP2 and WP3. As an example, a decision was taken to give priority to the development activities of the atlas questionnaire and the testing tools and postpone the completion of the grammar tool.
- A number of criticalities emerged with some of the application requirements after the requirement elicitation phase. One of the most important criticalities was ensuring a high degree of precision and reproducibility in the placement of the graphical elements to be displayed on the slides of the assessment and atlas tools. This was deemed indispensable by the researchers of T2.3, since even a small difference between how a slide is designed and how the slide is actually visualized during a test would radically change the meaning of the visualized questions and yield inconsistent results by, e.g., altering the saliency of the displayed graphic elements. The goal of ensuring a satisfiable degree of graphical precision and reproducibility proved to be very elusive, given the high variability of the possible visualization devices (tablets, laptops, desktops...), of screen types, sizes, and orientations. The need to test and validate the graphical functionalities of the tools on a high number of screen configurations had many negative effects:
 - It diverted a considerable amount of effort towards the perfection of the front-end of the atlas and testing tool, at the expense of the development of other parts of the platform;
 - It further delayed the development of the atlas and testing tools.
- On January 2018 and April 2018 two key persons in WP3, Giuseppe Airò Farulla and Marco Indaco (who was in charge of managing the development process), left the project for new job positions. Gaetano D'Altrui joined the project as a replacement for Marco Indaco, but with no previous experience on the project. This created a period of hiatus while the management structure of WP3 was being reorganized.

We addressed the above issues (delays, low perceived application quality, potential divergence between the expected and delivered functionalities) by completely redesigning the software development process aiming to support measurable progress towards common, agreed objectives, which we achieved by continuous validation of delivered functionalities through small-scale user testing. The novel development process was put in place starting from June 2018.

We discuss the main characteristics of the process and the validation activities in the next section.

2. The SIGN-HUB Scrum development process

The software development process on which the WP3 activities are organized is a Scrum³ development process, an agile development process whose main features are:

- **Timeboxed development:** Development is organized in timeboxes (a.k.a. sprints) with fixed duration; the typical duration of timeboxes is between two weeks and one month.
- **Incremental delivery:** Delivery of software functionalities is done in small increments; the functionalities are developed in the context of a timebox and are delivered only at the end of a timebox.
- **Continuous partner validation:** the WP2 partners interact with the development process to provide continuous feedback over the implemented software functionalities; a functionality delivered with an increment must be accepted by the partners to be considered fully implemented.

2.1. Roles

This subsection reports the list of roles in the SIGN-HUB development process, the WP2 and WP3 personnel that covers these roles, and the tasks associated to the roles.

- The sprint **coordinators** are the personnel in WP3 who are in charge of:
 - o Gathering from WP2 requests for improvements and new functionalities;
 - o Based on the priorities of the WP2 milestones, planning how the WP2 requests should be allocated to the next sprints, by giving priority to the most urgent ones (to be allocated to earlier sprints) and deferring to later sprints the less urgent ones;
 - o Proposing the plan for the next sprints to the product owners, and negotiating them;
 - o Act as contact point between WP3 and WP2, centralizing all the information and mediating between WP2 and the development team.

The current sprint coordinators are Pietro Braione and Mauro Pezzè.

- The **development team** are the personnel in WP3 who are in charge of:
 - o Estimating the effort necessary to implement a given functionality;
 - o Developing the software according to the sprint plans provided by the sprint coordinators;
 - o Performing internal testing of the developed functionalities.

The current development team is composed by Pasquale Baldassarre, Christian Giotoli, Francesco Sessa, and Luca Sessa.

- The **product owners** are the personnel in WP2 who are in charge of:
 - o Acting as the contact point for a WP2 task with the sprint coordinators;
 - o Providing the sprint coordinators with the priorities and deadlines of the corresponding WP2 task;
 - o Negotiating the items to be worked on in a sprint with the sprint coordinators and the other product owners;

³ Ken Schwaber and Jeff Sutherland, "The Scrum Guide", <https://www.scrumguides.org/scrum-guide.html>

- Interacting with the WP2 users of the software suite and gathering feedback on a software increment;
- Based on this feedback, validating whether a functionality's implementation can be deemed acceptable, and thus decide whether the development of the functionality can be considered completed;

There are four product owners, one for each WP2 task, and they are responsible for the corresponding software suite. The current product owners are:

- Ulrika Klomp (T2.1) for the Grammar Tool;
- Jana Hosemann (T2.2) for the Atlas Tool;
- Beatrice Giustolisi (T2.3) for the Assessment Tool;
- Carlo Geraci (T2.4) for the Streaming Tool.

Additionally, Carlo Cecchetto will play the role of product owner for the whole software platform and will interact with the product owners and the sprint coordinators to establish priorities across different tools.

- The **users** are all the researchers in WP2 that use the tool to validate it, or to perform actual research work.

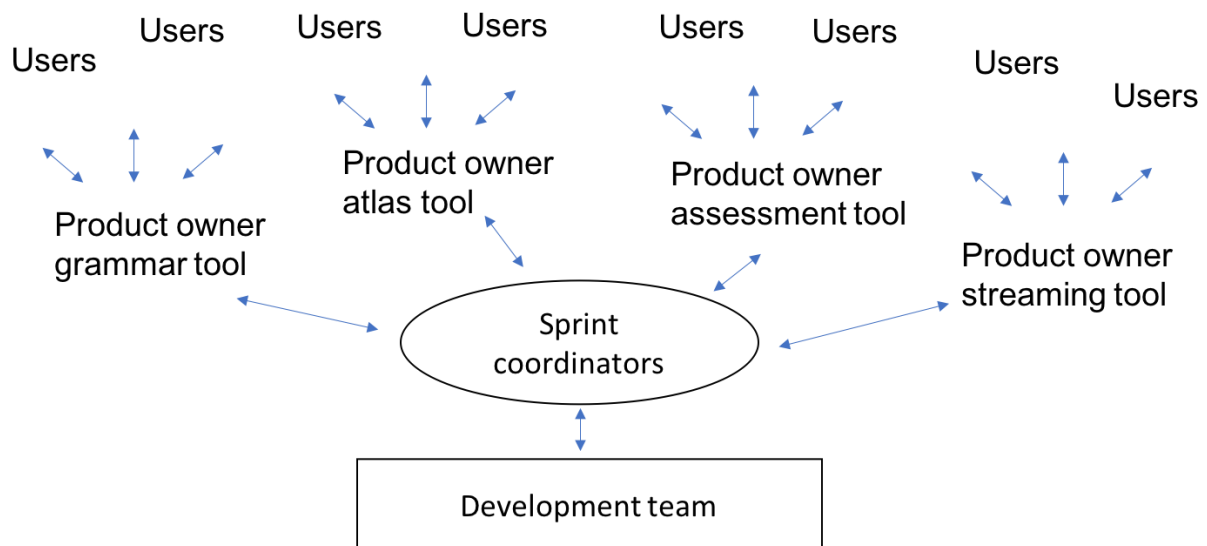


Figure 1. Development process communication structure

Figure 1 displays the communication structure in the development process: Product owners interact with users to gather information, and communicate and negotiate with sprint coordinators. Coordinators manage the development team, negotiate the content of the sprints with the product owners, and mediate the exchange information from the development team to product owners (e.g., requests of clarifications on unclear requirements) and vice versa.

We do not exclude the possibility for a same person to have more than one role, either temporarily or not. For example, a product owner might also be a user of the tool it owns or of other tools, and actively collaborate in their validation.

2.2. Backlogs

Backlogs are formal process documents structured as lists of items. Each item describes a software functionality that must be developed. The items must have some basic features:

- They must clearly specify the functionality under the point of view of the software users. They usually are expressed with sentences of the kind "The software must be able to do..."
- They must be quantifiable: it must be possible to estimate the effort (expressed in person-hours) necessary to develop the feature.

The Scrum development process includes two different types of backlogs:

- The **product backlog** is the list of all the items that need to be present in the software when it will be ready. In other words, it lists all the functionalities of the software.
- The **sprint backlogs** are subsets of the product backlogs and contain the items that will be developed in a sprint.

In the WP3 development process a sprint backlog will usually contain items for all the four tools, unless contingency (deadlines or delay) mandate to focus the sprint on one or some specific tools.

A product backlog is "never complete": as requirements are made clearer, misbehaviors emerge from user validation, or the need for new unforeseen functionalities emerges, new items can be added, old items can be split, and possibly items can be eliminated, should a functionality be declared no longer necessary.

Backlogs are used to measure progress in software development. Each item is given an effort estimate by the development team, that quantifies the work necessary to implement it. The total effort of all the items in a sprint backlog must not exceed the total effort allocated to the sprint. As more and more items are implemented, validated and accepted by the product owners (i.e., "closed") it is possible to quantify the progress of software development against the total amount of work that needs to be done.

2.3. Structure of sprints

For the SIGN-HUB development process we decided that sprints will last 4 working weeks.

During a sprint four different kind of activities need to be performed by the different roles involved in the process, and each activity must produce a well-defined output:

- **Development** (4 weeks): This activity is performed by the development team through the whole timebox. The team implements the functionalities listed in the sprint backlog items and tests them. The output of this activity is a software increment that at the end of the sprint the development team will deploy on the validation platform.
- **Validation** (3 weeks): This activity is performed by the product owners and the users during the first three weeks of the timebox. The product owners and the users review the functionalities developed in the *previous* sprint and made available by the development team on the validation platform. The output of this activity is a validation document containing, for each item in the sprint backlog of the

previous sprint, whether the item can be closed or not, and in the second case, why it cannot be closed.

- **Startup** (1 week): This activity is performed by the product owners and the sprint coordinators during the last week of the timebox. The sprint coordinators propose to the product owners a sprint backlog for the next sprint, and the product owners answer with their requests for changes. The process is repeated until everyone agrees on the content of the backlog. The output of this activity is the sprint backlog for the next sprint.
- **Maintenance** (4 weeks): This activity is performed on demand by the development team through the whole timebox, in the case a blocking bug emerges on the production platform. In such case, the development activities are halted, and the development team focuses on fixing the bug as soon as possible.
- **Deployment in production** (4 weeks): This activity is performed on demand by the development team upon agreement between the product owners and the sprint coordinators. When an agreement is achieved that a set of increments can be used on the production platform, the development team creates a new release of the software from the old release plus the increments and installs it on the production platform. The output of this phase is a new release of the production platform.

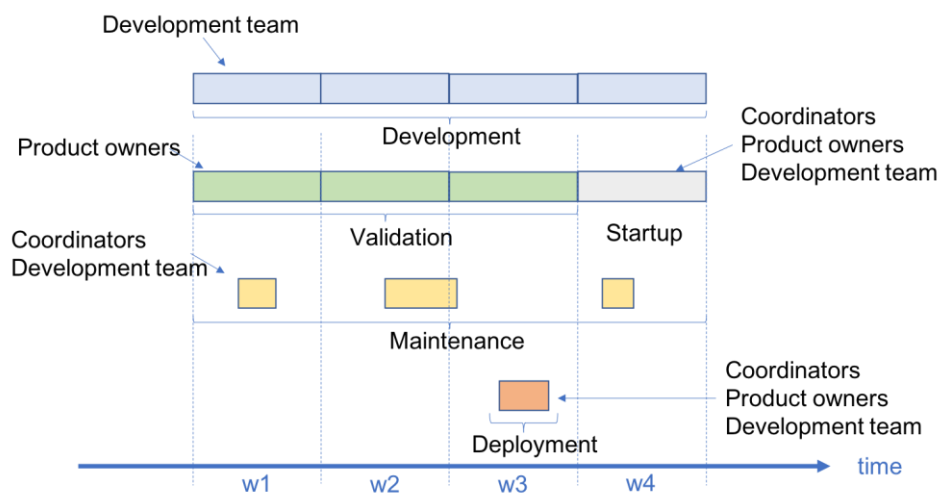


Figure 2. Structure of a sprint

Figure 2 shows the structure of a SIGN-HUB process sprint. Note how the development of the next increment happens contemporarily to the validation of the increment produced by the previous sprint. Note also how the process requires the use of three different software platforms, with different aims, where the SIGN-HUB software is installed in three different versions:

- The **development** platform is used exclusively by the development team to perform their daily work. It is not accessible outside the development team and it hosts the “bleeding edge” version of the software.
- The **validation** platform hosts the version of the SIGN-HUB software emerging from a sprint. It is used by the users and the product owners exclusively to validate the sprint increment and is never used to perform actual WP2 research work.
- The **production** platform hosts a stable version of the SIGN-HUB software that can be used by the SIGN-HUB researchers to perform actual WP2 research work. It is gradually updated when the sprint coordinators and the product owners agree

that a set of increments is sufficiently stable so that everyone can take advantage of their functionalities and bug fixes.

3. Validation results

In this section we overview the validation activities that have been performed in the context of the four sprints occurred between June and September 2018⁴, the period of time during which the new process was in place. We were unable to gather quantitative information allowing us to analyze the effectiveness of the validation activities performed before June 2018. To further illustrate the current workflow of the development and validation process, Section 4 reports on the sprint of September 2018, by reproducing the issue reporting document annotated with the countermeasures taken and the answers from the product owner, and the revised sprint backlog that addresses the open issues.

This analysis indicates that:

- The current SIGN-HUB process is fulfilling the objective of delivering a product that satisfies the users;
- The process is progressing according to the novel development plans, and we can identify the new risks that may further emerge and define suitable mitigation measures to cope with them.

Table 1. Project backlog items status

Status	Items	WP3 effort (h)
Closed before June 2018	44	?
Closed after June 2018	65	292
Implemented but not yet validated	9	62
Partially implemented	4	130
Open	42	755
Requiring clarification	117	?
Total	281	?

Table 1 reports on the current status of the project backlog. The initial project backlog was built by creating one item per each requirement in D3.1 (the administration requirements were replicated for each platform to reflect the fact that each tool might have different roles and permissions) and all the open requests for bug fixes. The total number of items in it is 281, of which 44 (16%) were implemented and validated before the current development process was established in June 2018. Notice however that this percentage is not completely indicative of the work done before June 2018, since the project backlog does not contain items for many of the bugs fixed and extensions implemented before June 2018.

⁴ Note that, according to the documentation gathered, during the period before June 2018 three software sprint were performed. For this reason we numbered the sprints after June 2018 starting from number 4.

During the period June-September 2018 a total of 65 items (23%) were implemented, successfully validated and closed, totaling an effort of 292 h (about 1,8 person-months). Moreover 9 items (3%) were implemented but not yet validated ("solved": their validation is scheduled for the sprint starting in October 2018) and 4 items (1%) were partially implemented, totaling an effort of 192 h (about 1,2 person-month). In synthesis, between June and September 2018 the WP2 product owners validated and accepted 83% of the developed backlog items, corresponding to the 60% of the allocated effort. This allows to answer positively to the question on whether the SIGN-HUB development process is delivering a product that satisfies its users.

Concerning the degree of progress in the development activities, we projected the past rate of development on the number of open items and their total effort. The current rate of 78 developed backlog items and 484 allocated effort hours in four months would yield a projection of 2 to 6 months to exhaust all the open items. This is a time horizon compatible with MS27 (release of the second prototype of the platform).

As Table 1 makes clear, the highest source of risk is related to the high number of backlog items that require clarifications by the product owners. There are two subcategories of this type of items:

- Unreproducible bugs, and
- Missing, unclear, or ambiguous requirements.

The number of unreproducible bugs is negligible; thus we can safely state that more than the 40% of backlog items cannot be either estimated or developed because they are insufficiently specified. An analysis of the project backlog shows that the unclear items are distributed as follows among the tools:

- Grammar tool: 23 items
- Atlas tool: 51 items
- Testing tool: 22 items
- Streaming tool: 21 items

Of them, 6 to 12 items per tool concern the requirements for content providers, 3 to 9 items per tool concern the requirements for administrators, 29 items for the atlas tool concern the requirements for the end users, and only one item for the streaming, grammar, and testing tool concern the requirements for the end users.

To address these potential risks, we will put in place the following mitigation measures:

- We will dedicate a part of the development team and coordinators sprint effort to the requirements clarification and effort estimation activities, in order to reach a situation where most items will be ready to be worked on as soon as possible;
- We will focus on these activities by starting with the items that concern the requirements for content providers and administrators, rather than the requirements for the end users. This because the requirements for content providers and administrators directly affect the possibility of using the tools for producing the content, which only in a second time will be made available to the end users. We must notice, however, that most of these unclear items are redundant or shared across different tools, in a way that the effort for solving most of them should be negligible once the others are solved.

4. Sprint documents (sprint 7)

4.1. Clarifications on project backlog

This section reports an example of communications between the product owner of the Atlas tool Jana Hosemann, the sprint coordinator Pietro Braione, and the development team during sprint 7 (September 2018). The communications reported spawn a period of about a week starting from September 11, during which the sprint coordinator gathered the clarification requests from the development team, organized by the identification number of the backlog item, and discussed them with the product owner. In black the answers of the product owner to the initial requests of clarification from the development team, that can be found in the project backlog reported in Section 4.2. In red the replies of the development team and sprint coordinator, and in blue the subsequent answers of the product owner, when further requests for clarification were issued.

On Project Backlog Sept., 11th 2018 --- Clarifications

13.09.2018 | Jana Hosemann

Feedback to unclear Items – Section 1.4. Atlas tool Specific Bugs

First of all, thank you for the quick feedback.

Id 2107

I understand the following: the function of the tooltips is that, in the future, these can be filled with an explanation what this tool is doing.

For the Atlas tool, we do not need them at the moment. They can be switched of for now.

As a possibility for the future it is good to have them.

OK; we inserted in the project backlog the estimate of the effort necessary to disable tooltips. However, since this effort is nonzero, we suggest to live on with the current situation (empty tooltips popping up) until we fill them with text. An alternative would be permanently disabling tooltips, but this is a decision that must be taken with all the other tool owners, since all the tools have tooltips.

Id 2102

When Annika Mittelstaedt tested Sprint 4 on the Eclettica-platform, this bug happened to her once. She could not reproduce it either. Hence we can drop this item.

In Sprint 7, we will test the table function again.

OK; we will consider this task as solved but not closed, so we keep memory of the fact that you must test again at the end of the current sprint that it no longer occurs.

Id 2098

The problem still exists.

Tested on Eclettica platform | 12.09.18 at 17:30 | JH Mac Chrome

Test list: UGOE_Pilot_Test3 | Edit-Mode | Section: General | Slide: #5 ("fourth question")

See also the related video

□ While testing this, a further problem appeared: When clicking the "Undo" button, (i) it changed the size of the text areas and (ii) the "Undo" button did not undo the last action, namely moving the "next-button". See the related video.

[I am not sure if this is a further serious bug, because the "Undo"-button is not doing what it is supposed to do; or if this is a minor effect by using the Eclettica platform, which just happened now.]

OK, we were able to reproduce the bug and we will work on it in the current sprint.

Id 2067

The problem does not occur anymore. See the respective video for evidence and further explanation.

Tested on Eclettica platform | 12.09.18 at 17:30 | JH Mac Chrome

Test list: UGOE_Pilot_Test3 | Edit-Mode | Section: General | Slide: #3 ("third question")

Also, the problem with the "Undo"-button did not occur here. So the "Undo"-button did in fact undo the last actions.

OK – we will consider this task as closed.

Id 2068

We will test this item again, when we test tables in Sprint 7.

OK – as for item 2102 we will consider this task as solved but not closed, so we remember that you must confirm that everything works in the software produced by the current sprint.

Id 2069

Tested again and changing the size of buttons worked.

OK – we will consider this task as closed.

Id 2070

I tested the function of tables again.

Tested on Eclettica-platform | 14.09.18 at 12:00 | JH Mac Chrome

Test list: UGOE_Pilot_Test3 | Edit-Mode | Section: More general | Slide: #2 ("thank you")

I inserted a new table in order to test the "limit" function. I came across a new problem:

I call it Id 2071

When creating the table, I wanted to add 3 columns and 7 rows. However, the table-tool didn't allow for more than 3 rows and 3 columns. See related video.

Please continue to call this task with the id 2070. We are unable to decide the ids of new tasks (they are created automatically by the tools we use to track bugs). Otherwise, call it 2070a.

We have tried to reproduce the bug without success. We opened the same question showed in the video Vid_Problem_Id2071_new.mov and created a table with 6 rows and 7 columns. The software seems to work properly.

We have a hypothesis about the possible source of this bug, that is, the content in the cache of your browser is not reset. At the purpose we would kindly ask you to redo the operation over the same slide shown in the video

(<http://testing01.eclettica.net:8085/#/home/atlas/testplayer?id=UUID-TST-4f0837a5-b1b6-4c3d-8a49-7483d4207b5a&index=3&preview=true>)

by following these steps:

1. Open Chrome;
2. Clear its cache (for instructions see <https://support.google.com/accounts/answer/32050?co=GENIE.Platform%3DDesktop&hl=en>);
3. Open the atlas tool;
4. Reach the slide and try creating a table with more than 3 rows / columns.

→ I tested Id 2070 (the function of tables) again.

Tested on Eclettica-platform | 25.09.18 at 13:10 | JH Mac Chrome

Test list: UGOE_Pilot_Test3 | Edit-Mode | Section: More general | Slide: #2 ("thank you")

[I remain calling the problem Id 2070]. I tested it again and produced a video.

I guess the problem is the following: the table in fact does create more than 3 columns and 3 rows. However, the labels for row/column 4+ (after the third label) are not shown in the edit mode of the table (see video)!

Additional problem: after saving the edit mode of the table, the table changes its size. (This concerns the edit mode of the whole testlist – I did not check the size of tables in the view mode yet.). However, even in the edit mode of the testlist, any tool should keep the size I set them. This is important, because we can only evaluate how much space we have on each slide, if each tool sticks to its proper size (see end of the video).

Id 1928

Has been tested again on:

Tested on CINL-platform | 14.09.18 at 12:20 | JH Mac Chrome

Test list: UGOE_Pilot_Test2 | Edit-Mode | Section: Test_Media | Slide: #1 ("Test Videos")

Video played normally. (A) In the Questionnaire, the function to play the video again is NOT needed. So we can drop this for now. However, (B) in the final ATLAS, the function to play any videos again IS needed. This is to keep in mind for the future.

To play the video again the content provider can set the "show control" flag, and the user can use the play button to play again. We will therefore consider this task as closed.

→ I do not understand exactly what you mean, but I will test this in the next Sprint.

Also there is an additional change:

I call it Id 1928a

When changing the size of a video (in edit mode), the aspect ratio of the video is not kept constant. (It is kept constant when viewing the video (view mode), but not in the edit mode.) See related video.

During resizing it's possible to keep the aspect ratio while resizing by holding the shift button while dragging the corner of the video. If you prefer we could make this behavior the default one, without need to hold the shift button: In the case let us know and we will estimate the necessary effort.

→ Yes, please. Resizing should – per default – keep the aspect ratio of the video/picture (without holding the shift button).

Id 1974

Insert the glossary ... high priority!!! I give feedback to the questions...

1- While the requirements state that a glossary term is composed by one word, the need emerges to support terms of the glossary that are composed by more than one word. It surely is possible to implement a solution where a glossary term is composed by more than one word, and we evaluated that to implement the solution the necessary effort is about 20h of work.

I do not understand why this is complicated at all and why this should take 20h of work. What I assume (how programming this feature works) is the following. The programming commands must be something like:

```
##Whenever you find X, link it to Y // whereas Y = the definition "An adjective is a lexical element that typically specifies a property" // and X = one of the following terms: "adjective" OR "adjectives".##
```

This is for single words. For more than one word, the command would be: ##Whenever you find X, link it to Y // whereas Y = the definition "Action role shift is a construction where the signer takes the role of another character" // and X = one of the following terms: "action role shift" OR "role shift".##

So, glossary entries with more than one word are just defined by their characters, include a space character. Even if you command over the whole table, the command would say: "take the words, *as they are written*, in column B, C, D, E, F, and link them to the respective definition in column A."

We would not go too much through the details, but we think some explanation why we need 20 hours to develop the functionality is nevertheless necessary. In short, we need to equip the atlas tool with a procedure that takes an arbitrary glossary (essentially a list of terms + definitions) as input and then detect whether, on an arbitrary text, any occurrence of any term in the glossary is present in the text, where these occurrences start, and where they end. Of course one may think many simple and easy ways of doing all this, but the fact is, all the simple and easy ways are extremely inefficient, because they usually need to go through the same text a high number of times at a point that, with big texts or big glossaries, the wait time for the user would not be tolerable. On converse, there are some well-known efficient ways of doing it, but they all are rather tricky to implement (see, e.g., the size of the Wikipedia page for the Aho-Corasick algorithm, that is one of these procedures). This is why we consider 2.5 days of work a good estimate of the necessary effort, not even too pessimistic, for implementing this kind of algorithm and testing that it works correctly.

→ Thanks for the explanation

2- Another need that emerged is the possibility for an editor to define custom glossary terms and have them inserted in the glossary. We see several alternatives to realize this functionality.

(a) An alternative with low effort cost would be requiring the editors to send the additional glossary terms with their definitions to the platform administrator, that after a

review will insert them in the global glossary with an automated procedure. Since cross-references to the glossary are automatically calculated when an atlas page is rendered, all the documents in the atlas would be automatically linked to the new terms.

(b) Different alternatives (e.g., directly offering to the editors the possibility of editing, deleting and adding voices in the glossary) pose some usability questions and require a nontrivial effort: Both aspects should be assessed more precisely together with the tool owners before deciding which solution is best.

I assume changing the glossary after its final implementation (i.e. after the project is over in 2020) will occur very seldom. Nevertheless, since the glossary is supposed to work for the whole platform – that is for the questionnaire of the Atlas now, for the final Atlas, for the Grammar tool for sure and for any explanatory texts –, I cannot decide by myself whether solution (a) or (b) is preferred. I will contact Markus, Josep, Meltem and Carlo C. to determine this.

Since this issue has interactions with the next one (should we mark up occurrence of glossary terms, or detect them automatically?) we need to discuss the two together. We will wait feedback on them from the partners.

Is there a possibility to insert the glossary now for the Atlas Questionnaire, before programming how we can adapt the glossary in the future? Or is programming these two things closely connected?

The two things are closely connected, but if we go with the solution that we discussed via email, i.e., having a complete PDF glossary that is not linked to the questionnaires text, and a reduced unambiguous glossary that is linked to questionnaires text, the things become easier. If the reduced glossary is used only for the questionnaires, after the questionnaires have been administered it will be no longer necessary, so it can just be dropped. In this case this answers to your question: It is possible to insert the questionnaire glossary now, independently on how we will change the glossary in future (because we will not change the questionnaire glossary). For what concerns the complete PDF glossary, it is not too hard to emit a new PDF when the glossary changes. Let us know if this interpretation sounds right to you.

→ Yes, the interpretation sounds right to me.

3- The last need that emerged is about supporting glossary terms with more than one meaning, and cross-references that link the occurrence of a term with multiple meaning in the atlas to the glossary voice corresponding to the right meaning of the term in that context. Implementing this functionality as asked would require nontrivial effort, according to our analysis. The current implementation of the atlas software links the terms in the atlas to the glossary in an automatic fashion. The problem of automatically determining the meaning of a term in a phrase based on the context is very hard to solve computationally, with no solution available within the allocated project effort. The only alternative we consider practicable is to report the multiple meanings in the same term

definition, without detection of which meaning an occurrence of the term refers to. We are available to discuss other solutions.

I understand the programming of the glossary like this: Whenever the term XXX appears on a page (Atlas, Grammar, wherever) AND when the user moves over XXX with the mouse (mouseover function) THEN the linked definition "bla bla bla" appears on the right hand side.

However, there are a couple of situations in which we would like XXX not to be glossed:

(i) XXX appears several times in one sentence. For example:

"The XXX of ASL are composed of small XXX and large XXX, even though XXX can be independent from multi-size XXX." Here, we would actually only gloss the first XXX, in order to explain the term, but not the other occurrences.

This (very advanced) functionality would be hard to implement. There are algorithms that break a text in sentences, but they work only for a limited number of languages (mostly for English) and are not very precise. The effort to implement such a functionality in the atlas tool would be high. But if we follow the strategy we discussed via email (only the questionnaires are linked to the glossary) the problem could possibly disappear: Is it really likely that XXX might appear more than one time in the relatively short text of a questionnaire slide?

→ We go for the strategy discussed in the email. So we assume this problem to be non-existent.

(ii) XXX has a specific linguistic meaning as well as a normal everyday English meaning. For example "argument":

Linguistic meaning... ... "The verb 'to give' has three *arguments*: a subject and two objects." This we would like to gloss, because we refer to the linguistic term.

Normal meaning... ... "Peter had a good *argument* why he could not come." This we would NOT like to gloss, because it is just an English word.

Unfortunately, it is not a solution to explain both meanings (as suggested), because the second use of the word does not have a specific linguistic meaning.

So, I think it is necessary that the product owners can manually decide about each glossed item, whether we in fact want to have this specific occurrence of an item glossed or not. This decision happens after the automated glossing took place.

My solution is the following:

We mark terms that we want to have glossed by a small extra character. For example *argument*^g. In the definition (i.e. in the excel sheet you get from us), each item is defined by this upper case ^g. And also, in the texts on the platform, the words we want to have glossed also have this ^g. For example: "The verb 'to give' has three arguments^g: a

subject and two objects." Compared to: "Peter had a good argument why he could not come."

Additionally, this gives a visual cue to the user which words have a glossary entry and they would not have to be cued by underline.

For entries with two words, the ^g only appears on the last word, like "ASL uses a lot of action role shift^g in sentences." However, in the programming command, the whole term has to be defined, such as: ##Whenever you find X, link it to Y // whereas Y = the definition "Action role shift is a construction where the signer takes the role of another character" // and X = one of the following terms: "action role shift^g" OR "role shift^g".##

We do not want each word to have an upper case ^g, such as "ASL uses a lot of action^g role^g shift^g in sentences."

Reason: There would be a confusion between (a) "argument^g" and (b) "argument^g structure^g". The term in (b) is something different than the term in (a). Within the term (b), we do not want a single glossary explanation for the first word 'argument', but only a glossary explanation for the whole term 'argument structure'.

I think this is the most feasible solution. However, since the glossary concerns the whole platform, I have to discuss this solution with Carlo, Josep, Meltem and Markus.

Can you please give me feedback, if this is feasible from the programming side???

Allowing users to manually identify glossary terms in the text is surely feasible, although using the ^g letter procedure you propose is not be the best way of doing it. We could, for instance, add a button in the toolbar similar to the buttons for italics or underline style: The user would highlight a word with the mouse, press the button, and the word would be marked as a glossary term. But, since according to the last email discussions and decisions, the questionnaires will have a reduced glossary with unambiguous terms to allow unambiguous linking of questionnaires to this glossary, we assume there is no need to implement this kind of functionality, that would be anyways quite costly to implement.

→ Yes, not relevant anymore, since we go for the solution discussed in the email (unambiguous reduced glossary only for the questionnaire.)

Id 1979

The task is: If a content-provider is in the middle of answering the questionnaire, and he/she stops in the middle of the procedure and closes his/her browser, does the tool automatically save the answers of the content-provider??

I tried to test this function (of automatic save).

Tested on CINI-platform | 14.09.18 at 14:40 | JH Mac Chrome

Test list: UGOE_Pilot_Test2 | View-Mode | Section: Test_TextAreas_AsnwerOptions | Slide: #1 ("Test Checkbox and Radio")

I answered the first question and then just closed the document. Afterwards I looked at the report file. I cannot identify whether the software has automatically saved my answer or not, because I do not understand the report file as it is right now.

If the user closes the browser abruptly, it is impossible to create the report before the browser shuts down, so there is no technically feasible solution to the issue you point out. We can implement a functionality that, when the user presses the "Exit" button before ending the questionnaire, creates a partial report and sends it to the server. In the project backlog we inserted an effort estimate for the implementation of this functionality.

New Problem 1:

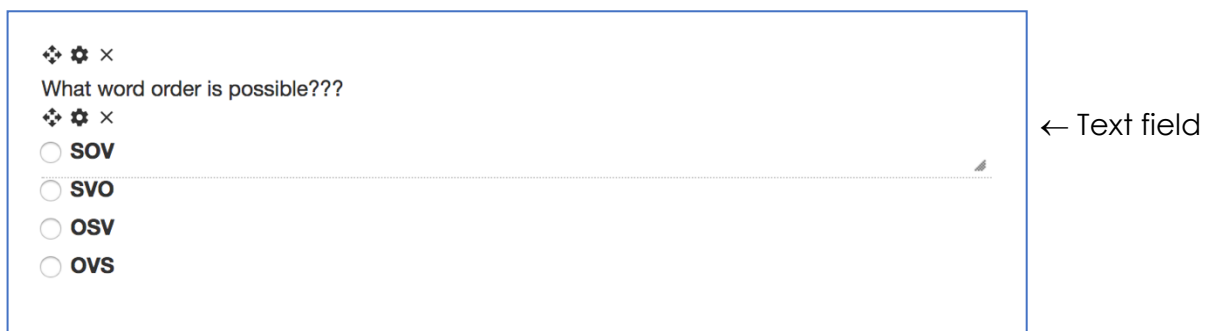
The report file has to be structured differently (I come to that later).

OK. We received the excel file and we are analyzing its structure. If we need further clarification we will contact you.

New Problem 2:

When testing the function radio, I could not click on the first answer option. (See related video "Vid_Problem_Radio")

The problem is NOT the Radio-tool, but instead, the text block has a larger field, which is higher than only text "What word order is possible???" The text block lays over the radio answers and hence blocks clicking to it.



The screenshot shows a text input field with a blue border. Inside the field, the text "What word order is possible???" is visible. Below the text, there are four radio button options: **SOV**, **SVO**, **OSV**, and **OVS**. A blue line is drawn across the field, partially obscuring the radio buttons. A grey shaded area is visible at the bottom of the field. An arrow points to the right side of the field with the text "← Text field".

Change: After we inserted text into a text block, the field should end right below the last line of text. (The grey filling and the blue line are just here to make the field more visible. They should NOT be transferred to the text blocks in the Atlas tool.)

Not like this:

Here is a question inside...

But more like this:

Here is a question inside...

Our hypothesis is that, when the text box was filled with text, a spurious carriage return character was inserted after the text "What word order is possible???", adding a second (empty) line of text. This caused the bounds of the text box to be stretched one line below, overlapping the first radio button and obstructing it. Under this hypothesis it would be sufficient to edit the text inside the box and delete the second empty line to shrink the text box to one line and thus eliminate the issue. To try this hypothesis we opened the slide indicated in the video "Vid_Problem_Radio", but the example was modified in a way that the first radio button is now clickable, so we were unable to either prove or disprove our hypothesis. However we strongly feel that there is no software bug here: we did many trials but we were unable to reproduce the issue. As a consequence we closed this task. If you disagree, please provide us a way to reproduce the bug.

→ Tested on CINI-platform | 25.09.18 at 13:35 | JH Mac Chrome

Test list: UGOE_Pilot_Test2 | View-Mode | Section: Test_TextAreas_AnswerOptions | Slide: #1 ("Test Checkbox and Radio")

I tested it again, it seemed to be fine. So, this problem can be seen as solved. Thanks.

Id 1981

This item can be deleted. We understand the function of "Label" and "Value".

OK.

Time that it took to give feedback to these clarifications (understand the problem / test the item / write the feedback), only for "Section 1.4. Atlas tool Specific Bugs": 5-6 hours.

Important issues and tasks for Sprint 7

The most important tasks are:

1. Insert the glossary
2. Change the structure of the report file so that we can work with it.
3. Fix bugs

1. Insert the glossary

Instructions are given in the Section above (page 2-4).

2. Structure of Report file

We cannot work with the report files as they are right now.

I created an excel spread sheet that reflects how the report file should look like. I inserted comments for clarification in there. Please try to change the structure of the report file as close as possible to the spread sheet. (Related file "ReportFile_Wish1")

We received the file, thank you for the feedback.

3. Tool Checkbox, include many answer options

In the tool Checkbox, I want to be able to insert several answer options, like the tool Radio (not only one, like it is right now). The difference to the Radio tool is, that a content-provider is able to click on multiple answers in the Checkbox tool. (See the related video "Vid_New_Checkbox")

We are currently estimating the effort necessary to implement this functionality.

Time of work for these "Important issues and tasks for Sprint 7", including creating the excel sheet: 1.5 hours.

4.2. Project backlog

This section reports the project backlog at the end of sprint 7. The backlog is structured as a list of items with the following data reported for each item:

- Id: the unique numeric identifier for the item;
- Tracker: the development subteam to which the item is attributed;
- Status: the status of the item, one of these possible values:
 - Under estimation: the development team is estimating the effort necessary to implement the item;
 - Feedback: the development team cannot work on this item because some feedback on it is necessary from the product owners;
 - Estimated: the item is ready to be worked on by the development team, but work has not started yet;
 - Under development: the item is currently being worked on by the development team;
 - Solved: the development team has finished working on the item; approval is expected from the product owner;
 - Closed: the development team has finished working on the item, and the product owner approved the work done; the item can be considered completely developed.
- Type: whether the item is a request for a new feature or a bug fix;
- Priority: one of very urgent, urgent, or less urgent
- Effort: the effort in person-hour necessary to develop the feature;
- Object: a synthetic title for the item;
- Description: a detailed description of the item.

4.2.1. Grammar Tool

a. Administrator Requirements

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1931	Development	Feedback	Feature	Urgent		Grammar tool - Requirement PLT-RQ-ADM-1	<p>The web platform should provide an Administrator Dashboard.</p> <p>NOTE: IMPLEMENTED for Access Right and Profiling (Home->admin). To be completed with Visitor tracking and reporting because the public area isn't implemented and no visitor registration form exists.</p>
1935	Development	Feedback	Feature	Urgent		Grammar tool - Requirement PLT-RQ-ADM-2	<p>The Administrator Dashboard should feature a user-friendly interface.</p> <p>NOTE: IMPLEMENTED for Access Right and Profiling (Home->admin). To be completed with Visitor tracking and reporting.</p>
1934	Development	Feedback	Feature	Urgent		Grammar tool - Requirement PLT-RQ-ADM-3	<p>The web platform should allow Administrator to accept/decline user account registrations through the Dashboard.</p> <p>NOTE: The Accept/decline feature is implemented. The registration feature isn't implemented.</p>
1933	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement PLT-RQ-ADM-4	<p>The web platform should return to the Dashboard the list of confirmed/denied/pending account registration.</p> <p>NOTE: IMPLEMENTED. (Home->admin).</p>
1932	Development	Feedback	Feature	Urgent		Grammar tool - Requirement PLT-RQ-ADM-5	<p>The web platform should allow Administrator to check, through the Dashboard, the status of a user's request.</p> <p>NOTE: The registration feature is not implemented, as the platform can be accessed just by specific persons; so far, the Administrator creates a new user and then a test can be submitted. So, it is not clear the list of possible user's request</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1939	Development	Feedback	Feature	Urgent		Grammar tool - Requirement PLT-RQ-ADM-6	<p>The web platform should allow Administrator to define, through the Dashboard, multiple authorization profiles with different sets of permissions.</p> <p>NOTE: IMPLEMENTED. (Home->admin). There are 3 predefined permission set: "Administrator", "Content provider" and "Viewer user". The "visitor" permission rule profile will be created when the public area will be realized. The profile form must be implemented.</p>
1938	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement PLT-RQ-ADM-7	<p>The web platform should allow Administrator to associate, through the Dashboard, a user with a specific authorization profile.</p> <p>NOTE: IMPLEMENTED. (Home->admin)</p>
1937	Development	Feedback	Feature	Urgent		Grammar tool - Requirement PLT-RQ-ADM-8	<p>The web platform should provide for the integration to Google Analytics and/or equivalent free website statistics module for visitor tracking.</p> <p>NOTE: This feature will be implemented with the public area.</p>
1936	Development	Feedback	Feature	Urgent		Grammar tool - Requirement PLT-RQ-ADM-9	<p>The web platform should allow Administrator to view on the Dashboard the following users' information: Username, Email, Organization, Date of registration request, Date of registration confirmation.</p> <p>NOTE: The Administration dashboard has the following user information: Name, Surname, email, profile, status. The rest of the user information will be added with the public form registration.</p>

b. Content Provider Requirements

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1944	Development	Feedback	Feature	Urgent		Grammar tool - Requirement SGI-RQ-CPR-1	<p>The SignGram Blue Print Module should manage several profiles that may upload content and their access rights to enter contents on the module.</p> <p>NOTE: PARTIALLY IMPLEMENTED. The profile module is implemented. The rights for the profiles must be defined to complete the implementation.</p>
1943	Development	Feedback	Feature	Urgent	32.00	Grammar tool - Requirement SGI-RQ-CPR-2	<p>The SignGram Blue Print Module should provide the following types of supporting materials to help content provider (with low familiarity on how platform works and with no editorial skills) to upload content:</p> <ul style="list-style-type: none"> - Manual of use in text format (pdf); - Short training videos; - Tool tips; - Tutorial on how to upload material. <p>NOTE: PARTIALLY IMPLEMENTED. The Manual is in 1st release. The tooltip must be implemented and contents defined. The Video must be created. The tutorial must be created.</p>
1942	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-3	<p>The SignGram Blue Print Module should allow new parts/chapters/section to be added in the grammar of a specific sign language.</p> <p>NOTE: REQUIREMENT CHANGED. The Grammar structure is defined and imported in the platform.</p>
1941	Development	Feedback	Feature	Urgent		Grammar tool - Requirement SGI-RQ-CPR-4	<p>The SignGram Blue Print Module should feature a step-by-step validation procedure involving several users with different grant, with the purpose to check and validate the inserting, change and reorganization of parts/chapters/section of the grammar of a specific sign language.</p> <p>NOTE: IMPLEMENTED. The rights for the profiles must be defined to complete the implementation.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1940	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-5	The SignGram Blue Print Module should show in the public Table of Content of the specific grammar, messages saying if some part of the ToC have been changed/reorganized. NOTE: IMPLEMENTED.
1949	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-6	The SignGram Blue Print Module should provide an easy to use rich-text content editor. NOTE: IMPLEMENTED
1948	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-7	The SignGram Blue Print Module should implement a template inside the rich-text content editor. NOTE: IMPLEMENTED
1947	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-8	The Rich-text content editor should allow the content provider to transfer text and tables on the platform in the following ways: - copy, choose what format (text, title, example, bullet list, etc.) and paste; - copy, paste, choose what format (text, title, example, bullet list, etc.). NOTE: REQUIREMENT CHANGED. The Grammar TEMPLATE is defined by platform to give one user experience. The paste function is implemented and converts the format to the destination Template.
1946	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-9	The Rich-text content editor should preserve the basic formatting (boldface, italics, small caps etc., when content providers transfer text and tables on the platform. NOTE: REQUIREMENT CHANGED. The Grammar TEMPLATE is defined by platform to give one user experience. The paste function is implemented and converts the format to the destination Template.
1945	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-10	The Rich-text content editor should cancel gross formatting and superimpose the template formatting, when content providers transfer text and tables on the platform. NOTE: IMPLEMENTED

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1950	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-11	The Rich-text content editor should allow the content provider to insert bold text. NOTE: IMPLEMENTED.
1951	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-12	The Rich-text content editor should allow the content provider to insert italic text. NOTE: IMPLEMENTED.
1952	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-13	The Rich-text content editor should allow the content provider to insert text in small caps font. NOTE: IMPLEMENTED.
1953	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-14	The Rich-text content editor should allow the content provider to apply strikethrough formatting to text. NOTE: IMPLEMENTED.
1954	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-15	The Rich-text content editor should allow the content provider to change text to upper-case/lowercase. NOTE: IMPLEMENTED.
1820	Development	Estimated	Feature	Urgent	16.00	Grammar tool - Requirement SGI-RQ-CPR-16	The Rich-text content editor should provide an American English spell checker. NOTE: TO BE IMPLEMENTED
1955	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-17	The Rich-text content editor should allow the content provider to insert hyperlink. NOTE: IMPLEMENTED.
1956	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-18	The Rich-text content editor should allow the content provider to insert cross-references. NOTE: IMPLEMENTED.
1957	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-19	The Rich-text content editor should provide horizontal and vertical rulers to align text. NOTE: IMPLEMENTED. The align is automatic.

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1958	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-20	The Rich-text content editor should allow the content provider to underline the text. NOTE: IMPLEMENTED.
1959	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-21	The Rich-text content editor should allow the content provider to change colors and fonts. NOTE: IMPLEMENTED.
1960	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-22	The Rich-text content editor should allow the content provider to embed images. NOTE: IMPLEMENTED.
1961	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-23	The Rich-text content editor should allow the content provider to insert a special character/symbol into the text. NOTE: IMPLEMENTED.
1962	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-24	The Rich-text content editor should allow the content provider to reverse changes made by using the Undo and Redo buttons (or by using standard keyboard shortcuts). NOTE: IMPLEMENTED.
1963	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-25	The Rich-text content editor should allow the content provider to align selected text to the right, center, or left. NOTE: IMPLEMENTED.
1964	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-26	The Rich-text content editor should allow the content provider to turn selected lines of text into a bulleted list. NOTE: IMPLEMENTED.
1965	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-27	The SignGram Blue Print Module should allow the content provider to embed videos. NOTE: IMPLEMENTED.
1821	Development	Under estimation	Feature	Urgent		Grammar tool - Requirement SGI-RQ-CPR-28	The SignGram Blue Print Module should allow the content provider to embed audio files. NOTE: TO BE IMPLEMENTED

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1822	Development	Under estimation	Feature	Urgent		Grammar tool - Requirement SGI-RQ-CPR-29	The SignGram Blue Print Module should allow the content provider to embed annotation files (e.g ELAN files). NOTE: TO BE IMPLEMENTED
1966	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-30	The SignGram Blue Print Module should provide non-conflicting (incremental numeric order) rules to attribute labels to any uploaded file and keep track of the original filename. NOTE: IMPLEMENTED.
1967	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-31	The SignGram Blue Print Module should allow the content provider to embed tables. NOTE: IMPLEMENTED.
1968	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-32	The SignGram Blue Print Module should provide a preview of the text. NOTE: IMPLEMENTED.
1823	Development	Estimated	Feature	Urgent	8.00	Grammar tool - Requirement SGI-RQ-CPR-33	The SignGram Blue Print Module should provide a PDF converter NOTE: TO BE IMPLEMENTED
1969	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-CPR-34	The SignGram Blue Print Module should feature a quick regular automatic save on the platform. NOTE: IMPLEMENTED.
1824	Development	Estimated	Feature	Urgent	8.00	Grammar tool - Requirement SGI-RQ-CPR-35	The SignGram Blue Print Module should allow content providers to download what has been written on the platform in Word or PDF format, saving active hyperlinks to the text of the grammar. NOTE: TO BE IMPLEMENTED (pdf)
1982	Development	Under estimation	Feature	Urgent		Grammar tool - Requirement SGI-RQ-CPR-36	The SignGram Blue Print should allow the content provider to upload the video file formats defined in the deliverable D3.11 Standards and protocols for visual materials. NOTE: TO BE IMPLEMENTED

c. End-User Requirements

Id	Tracker	Status	Type	Priority	Effort(h)	Object	Description
1971	Development	Closed	Feature	Urgent	0	Grammar tool - Requirement SGI-RQ-USR-1	The SignGram Blue Print Module should be easy to use by users with basic computer literacy. NOTE: IMPLEMENTED.
1970	Development	Feedback	Feature	Urgent	24.00	Grammar tool - Requirement SGI-RQ-USR-2	The SignGram Blue Print Module main page should provide a brief description of the module. NOTE: The main page will be created when the tool will be public. Brief description must be defined.
1825	Development	Estimated	Feature	Urgent	8.00	Grammar tool - Requirement SGI-RQ-USR-3	The SignGram Blue Print Module main page should provide a simple guide (text and video guide) on how to use the module. NOTE: the video guide will be provided when the tools are more stable.
1826	Development	Estimated	Feature	Urgent	32.00	Grammar tool - Requirement SGI-RQ-USR-4	The SignGram Blue Print Module should allow the end user to search across the blueprint parts, chapters and sections. NOTE: TO BE IMPLEMENTED

d. Grammar Tool Specific Bugs

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1829	Development	Estimated	Bugfix	Very Urgent	4.00	Grammar Tool - Grammar debug table Ranking 2	When text editor is opened, it gets in the way of right menu; I cannot drag videos from the media tab because the editor covers them. Requirements involved: SGI-RQ-CPR-6. SGI-RQ-CPR-27. Link to video image: https://drive.google.com/open?id=17GGhazlrXxPMsIFak57wMWhopd6KQ16t
1830	Development	Estimated	Bugfix	Very Urgent	8.00	Grammar Tool - Grammar debug table Ranking 3	Copying texts that are longer than a page or so leads to instability and error. NOTEd. Still working to give a solution to let the session not hang. Link to video/image: https://drive.google.com/open?id=1GcxyWTcNGdCIO4N3PWY1l_6Qhlc3ojGh
1831	Development	Estimated	Bugfix	Very Urgent	16.00	Grammar Tool - Grammar debug table Ranking 4	Within the platform: i did cntrl+X to cut from PART 1 and wanted to past it to Chapter 1 but then the whole editor changed into a very small field without editing options. Link to video/image: https://drive.google.com/open?id=1UvaBiLSn3CzQnZDniLth1DFHvQlrPZAD
1832	Development	Estimated	Bugfix	Very Urgent	0.00	Grammar Tool - Grammar debug table Ranking 5	After the problem of the text editor disappearing (see number 4 above), the menu of the grammar list stopped functioning when i pressed 'edit'. NOTE: bug related to Ranking 4
2057	Development	Feedback	Bugfix	Very Urgent		Grammar Tool - Grammar debug table Ranking 6	When copied from word, left indent information is lost (indented text appears leftmost of the page). NOTE: In the Grammar Tool, the "copy & paste" of formatting information is not implemented. This requirement should be clarified because the Grammar Tool has its own formatting and allowing the "copy & paste" from other formats will generate irregular formatting.
1833	Development	Estimated	Bugfix	Very Urgent	8.00	Grammar Tool - Grammar debug table Ranking 8	Under 'Media Grammar' menu, the videos can not be previewed in list view and icons view.

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1851	Development	Feedback	Bugfix	Urgent		Grammar Tool - Grammar debug table Ranking 9	<p>The different grammars shouldn't see the media (images, videos) of the other grammars in the right menu.</p> <p>NOTE: it's necessary to define the content access rights, so for instance, what media can be accessed (all those related to grammar tool or all those uploaded by a user).</p>
2058	Development	Feedback	Bugfix	Urgent		Grammar Tool - Grammar debug table Ranking 10	<p>Headers aren't working: they either do not influence every part that is selected, or they change the text but not in the way they should be.</p> <p>NOTE: Difficulties in reproducing the problem. Is this problem always available or only in some conditions like when the editor hangs for other interactions?</p>
1834	Development	Estimated	Bugfix	Urgent	4.00	Grammar Tool - Grammar debug table Ranking 11	<p>it's not only not providing small caps, it's also not going off. so you can click it to make something "small caps" but not to make it not small caps.</p>
2059	Development	Feedback	Bugfix	Urgent		Grammar Tool - Grammar debug table Ranking 12	<p>When copied from word, small caps is converted to small font size.</p> <p>NOTE: Same clarification of Ranking 6 bug needed.</p>
1835	Development	Estimated	Bugfix	Urgent	0.00	Grammar Tool - Grammar debug table Ranking 13	<p>When clicked bold, italic and underline, the last one gives an error menu with script.</p> <p>Comment from U: maybe it's just the use of 'too many buttons' - also if I click bold, underline, italics, bold, italics, the last one will lead to an error</p> <p>NOTE: BUG related to bug Ranking n.4</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1850	Development	Estimated	Bugfix	Urgent	8.00	Grammar Tool - Grammar debug table Ranking 15	if you want to reposition an image in a part of the text that is not currently shown in the text editor, you need to drag it to the correct position step by step and scroll upwards/downwards manually. So scroll, drag, scroll, drag, etc. There are two problems with this: 1. the text-editor should scroll along automatically if you move the image to the upper border of the field. 2. we would like to be able to move the title/name of the image/video and not have a thumbnail. See also the comment below (nr 15 about uploading a file)
2060	Development	Estimated	Bugfix	Less Urgent	2.00	Grammar Tool - Grammar debug table Ranking 16	Upload file: the file (e.g. an image) shouldn't be linked into the text editor. NOTE: The button to insert image from the menu bar is present for developing and testing propose, it's planned to remove it.
1836	Development	Estimated	Bugfix	Less Urgent	40.00	Grammar Tool - Grammar debug table Ranking 17	Image automatically in media gallery. The tool should have this feature: whenever an image is inserted or pasted to the text editor, the image/video file would automatically be added to the media gallery with the original file name given by hubbers.
2061	Development	Feedback	Bugfix	Less Urgent		Grammar Tool - Grammar debug table Ranking 19	When copied from word, we get the question if we want to keep the format or clean it up. Don't we always want to keep the format? I.e. should we keep this question? The requirements so far say that basic formatting should be kept, and otherwise the template should be superimposed (requirement 9&10). NOTE: Same clarification of Ranking 6 bug needed.
1837	Development	Closed	Bugfix	Less Urgent	0	Grammar Tool - Grammar debug table Ranking 21	Under 'Media Grammar' menu, the videos can be deleted in list view, but not in small icons view.
1838	Development	Closed	Bugfix	Less Urgent	0	Grammar Tool - Grammar debug table Ranking 22	Table of contents is available until Part 4 Chapter 5
1839	Development	Estimated	Bugfix	Less Urgent	6.00	Grammar Tool - Grammar debug table Ranking 23	The following headings are not in the correct order: part 2, 1.1.4, 2.1.2, 2.2.4; part 3, 2.2.1, 2.2.2; part 4, 3.1.2.1, 3.2.1

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2062	Development	Feedback	Bugfix	Less Urgent		Grammar Tool - Grammar debug table Ranking 24	<p>No options available for Text under "Media Grammar"</p> <p>NOTE: The TEXT Tab under the Grammar Media will be used for ELAN file. The proposal is to rename it. It should be agreed the name to give.</p>
2063	Development	Feedback	Bugfix	Less Urgent		Grammar Tool - Grammar debug table Ranking 25	<p>Scrolling down with mouse does not make the last 2-3 lines visible. Down arrow key does.</p> <p>NOTE: It should be given more information about this, in order to better understand the problem.</p>
1840	Development	Feedback	Bugfix	Less Urgent		Grammar Tool - Grammar debug table Ranking 26	<p>Modifying table by click and drag can lead to error. And tables are not supposed to be available so far.</p> <p>NOTE: it's related to bug Ranking n.4</p>
1841	Development	Under estimation	Bugfix	Less Urgent		Grammar Tool - Grammar debug table Ranking 27	<p>General instability problem: after designed a table, once an error when clicked 'dashed borders' is obtained and once when clicked 'thick' but not every time.</p> <p>Requirements involved: SGI-RQ-CPR-31.</p>
1842	Development	Under estimation	Bugfix	Less Urgent		Grammar Tool - Grammar debug table Ranking 28	<p>General instability problem. Once a link to an external website is made, which worked fine, then if you clicked style and then 'green', an error appears. If you repeat these actions, it went fine, no error. If you repeat it again, an error occurs when you click 'insert'.</p> <p>Requirements involved: SGI-RQ-CPR-17. SGI-RQ-CPR-21.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1843	Development	Estimated	Bugfix	Less Urgent	16.00	Grammar Tool - Grammar debug table Ranking 29	<p>Tables are not supposed to work yet: After pasting a large table, a non-disappearing menu appears with formatting codes. This happens either in "keep format" and "clean format" options.</p> <p>Link to video/image: https://drive.google.com/open?id=1Scp8GGZpkuUh3HWaLHHAmSI04bULZCC7</p> <p>Requirements involved: SGI-RQ-CPR-8. SGI-RQ-CPR-31.</p>
2064	Development	Feedback	Bugfix	Less Urgent		Grammar Tool - Grammar debug table Ranking 30	<p>It's needed to have the possibility of uploading other files (ELAN files)</p> <p>NOTE: Same clarification of Ranking 24 bug needed</p>
1844	Development	Closed	Bugfix	Less Urgent	0	Grammar Tool - Grammar debug table Ranking 31	Smileys button removal

4.2.2. Atlas Tool

a. Administrator Requirements

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1870	Development	Feedback	Feature	Urgent		Atlas tool - Requirement PLT-RQ-ADM-1	<p>The web platform should provide an Administrator Dashboard.</p> <p>NOTE: IMPLEMENTED for Access Right and Profiling (Home->admin). To be completed with Visitor tracking and reporting because the public area isn't implemented and no visitor registration form exists</p>
1876	Development	Feedback	Feature	Urgent		Atlas tool - Requirement PLT-RQ-ADM-2	<p>The Administrator Dashboard should feature a user-friendly interface.</p> <p>NOTE: IMPLEMENTED for Access Right and Profiling (Home->admin). To be completed with Visitor tracking and reporting</p>
1877	Development	Feedback	Feature	Urgent		Atlas tool - Requirement PLT-RQ-ADM-3	<p>The web platform should allow Administrator to accept/decline user account registrations through the Dashboard.</p> <p>NOTE: The Accept/decline feature is implemented. The registration feature isn't implemented</p>
1878	Development	Closed	Feature	Urgent	0	Atlas tool - Requirement PLT-RQ-ADM-4	<p>The web platform should return to the Dashboard the list of confirmed/denied/pending account registration.</p> <p>NOTE: IMPLEMENTED (Home->admin)</p>
1871	Development	Feedback	Feature	Urgent		Atlas tool - Requirement PLT-RQ-ADM-5	<p>The web platform should allow Administrator to check, through the Dashboard, the status of a user's request.</p> <p>NOTE: The registration feature is not implemented, as the platform can be accessed just by specific persons; so far, the Administrator creates a new user and then a test can be submitted. So, it is not clear the list of possible user's requests.</p>
1879	Development	Feedback	Feature	Urgent		Atlas tool - Requirement PLT-RQ-ADM-6	<p>The web platform should allow Administrator to define, through the Dashboard, multiple authorization profiles with different sets of permissions.</p> <p>NOTE: IMPLEMENTED (Home->admin). There are 3 predefined permission set: "Administrator", "Content provider" and "Viewer user". The "visitor" permission rule profile will be created when the public area will be realized. The profile form must be implemented.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1880	Development	Closed	Feature	Urgent	0	Atlas tool - Requirement PLT-RQ-ADM-7	The web platform should allow Administrator to associate, through the Dashboard, a user with a specific authorization profile. NOTE: IMPLEMENTED (Home->admin).
1881	Development	Feedback	Feature	Urgent		Atlas tool - Requirement PLT-RQ-ADM-8	The web platform should provide for the integration to Google Analytics and/or equivalent free website statistics module for visitor tracking. NOTE: This feature will be implemented with the public area.
1882	Development	Feedback	Feature	Urgent		Atlas tool - Requirement PLT-RQ-ADM-9	The web platform should allow Administrator to view on the Dashboard the following users' information: Username, Email, Organization, Date of registration request, Date of registration confirmation. NOTE: The Administration dashboard has the following user information: Name, Surname, email, profile, status. The rest of the user information will be added with the public form registration.

b. Content Provider Requirements

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1883	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-CPR-1	<p>The Atlas of Sign Language Module should manage several profiles that may upload content and their access rights to enter contents on the module.</p> <p>NOTE: There are 2 predefined authorization profiles: "Content provider" and "Viewer user".</p>
1818	Development	Feedback	Feature	Less Urgent	32.00	Atlas tool - Requirement ASL-RQ-CPR-2	<p>The Atlas of Sign Language Module should provide the following types of supporting materials to help content provider with middle-high computer skills (such as database management and spreadsheet applications) to upload and administrate questions and to populate the Atlas DB:</p> <ul style="list-style-type: none"> - Short training videos; - Tool tips; - Tutorial on how to upload material.
1885	Development	Closed	Feature	Urgent	0	Atlas tool - Requirement ASL-RQ-CPR-3	<p>The Atlas of Sign Language Module should allow the content provider to upload questions and create a questionnaire from the set of questions.</p> <p>NOTE: The content provider can import questions to a questionnaire importing them from other questionnaires.</p>
1886	Development	Closed	Feature	Urgent	0	Atlas tool - Requirement ASL-RQ-CPR-4	<p>The Atlas of Sign Language Module should allow the content provider to submit and administrate the questionnaire.</p> <p>NOTE: The questionnaire has draft or public state.</p>
1887	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-CPR-5	<p>The Atlas of Sign Language Module should feature a step-by-step validation procedure involving several users with different grant, with the purpose to check and validate the ATLAS database population.</p> <p>NOTE: To be implemented as the database recordset has not been defined. The requirement is unclear:</p> <ul style="list-style-type: none"> - What does "validation" mean? - Which categories of users perform validation (administrators, content providers...)? - On which data is validation performed? Questionnaires, reports (answers to questionnaires), or other?

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1888	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-CPR-6	<p>The Atlas of Sign Language Module should provide a semiautomatic procedure that allows content provider to upload in the Atlas DB only validated questions.</p> <p>NOTE: To be implemented as the database recordset has not been defined.</p> <ul style="list-style-type: none"> - What are "validated questions"? - What do you mean with "semiautomatic procedure"?
1889	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-CPR-7	<p>The Atlas of Sign Language Module should allow the content provider to manage and upload in the Atlas DB multiple-choice answers.</p> <p>NOTE: The multiple-choice answers feature is implemented in the questions. The database recordset has not been defined.</p>
1890	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-CPR-8	<p>The Atlas of Sign Language Module should allow the content provider to manage and upload in the Atlas DB open answers.</p> <p>NOTE: The feature is implemented in the questions. The database recordset has not been defined.</p>
1891	Development	Closed	Feature	Urgent	0	Atlas tool - Requirement ASL-RQ-CPR-9	<p>The Atlas of Sign Language Module should allow the content provider to manage and upload in the Atlas DB answers containing multimedia files with examples, relative glosses in txt and ELAN annotation files.</p> <p>NOTE: The feature is implemented in the questions for multimedia. The txt and ELAN must be implemented. The txt and ELAN was implemented.</p>
1892	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-CPR-10	<p>The Atlas of Sign Language Database should provide the following structure for the table of the answers:</p> <ul style="list-style-type: none"> - Each line corresponds to a question of the questionnaire(s), - Each Column corresponds to a language and - Each cell contains the answer to the question for the specific language. <p>NOTE: The database recordset has not been defined.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1872	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-CPR-11	<p>The Atlas of Sign Language Database should envisage that each cell of the table of the answers should be associated with a video or picture example, relative glosses, and ELAN annotation file.</p> <p>NOTE: It should be clarified what type of actions must be associated to videos, picture, ELAN files. For instance, if a picture example is inserted in a slide, it can be identified when a user clicks a specific image, but for videos and ELAN files there are no actions to show.</p>
1893	Development	Closed	Feature	Urgent	0	Atlas tool - Requirement ASL-RQ-CPR-12	<p>The Atlas of Sign Language Module should allow content provider to insert dedicated text to introduce set of questions/answers.</p> <p>NOTE: Implemented.</p>
1873	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-CPR-13	<p>The Atlas of Sign Language should allow the content provider to use the SignGram Blue Print contents.</p> <p>NOTE: It is not clear the description of the requirements. For instance, it should be provided the possibility to open or link a grammar directly from the slide? In this case, it should be provided a small text area with a scrollbar to read it or a wider area without scrollbar to see the grammar?</p> <p>It should be explained what is the functionality associated to this requirement.</p>
1874	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-CPR-14	<p>The Atlas of Sign Language should allow the content provider to georeference the SignGram Blue Print contents.</p> <p>NOTE: It should be clarified what means the georeferencing of the grammar contents, in order to know what actions should be linked.</p>
1875	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-CPR-15	<p>The Atlas of Sign Language should allow the content provider to upload the list of features.</p> <p>NOTE: It should be detailed the list of the "features", as there has never been a need to edit "features".</p> <p>What are the "features"?</p>

c. End-User Requirements

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1894	Development	Closed	Feature	Urgent	0	Atlas tool - Requirement ASL-RQ-USR-1	The Atlas of Sign Language should be easy to use by users with basic computer literacy. NOTE: Implemented.
1895	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-USR-2	The Atlas of Sign Language should support content in multiple languages, including sign languages. NOTE: English
1896	Development	Estimated	Feature	Urgent	12.00	Atlas tool - Requirement ASL-RQ-USR-3	The Atlas of Sign Language main page should provide a brief description of atlas. NOTE: To be implemented with the public area
1897	Development	Estimated	Feature	Urgent	16.00	Atlas tool - Requirement ASL-RQ-USR-4	The Atlas of Sign Language main page should provide a simple guide on how to use the atlas. NOTE: To be implemented with the public area
1898	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-USR-5	The Atlas of Sign Language should allow the user to browse and search for features through the item "Features" in the Atlas navigation bar. NOTE: To be implemented with the public area after the database recordset definition
1899	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-USR-6	The Atlas of Sign Language should allow the user to browse and search for languages through the item "Languages" in the Atlas navigation bar. NOTE: To be implemented with the public area after the database recordset definition
1900	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-USR-7	The Atlas of Sign Language should allow the user to browse and search for chapters through the item "Chapters" in the Atlas navigation bar. NOTE: To be implemented with the public area after the database recordset definition.
1901	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-USR-8	The Atlas of Sign Language should allow the user to browse and search for references through the item "References" in the Atlas navigation bar. NOTE: To be implemented with the public area after the database recordset definition.

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1902	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-USR-9	<p>The Atlas of Sign Language should allow the search for “Features” by inserting the name of feature.</p> <p>NOTE: To be implemented with the public area after the database recordset definition.</p>
1903	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-USR-10	<p>The Atlas of Sign Language should allow the search for “Features” by inserting the identification code of feature.</p> <p>NOTE: To be implemented with the public area after the database recordset definition</p>
1905	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-USR-11	<p>The Atlas of Sign Language should provide a filtering system useful to limit the search field for “Features” to the following category:</p> <ul style="list-style-type: none"> - Phonology; - Morphology; - Lexicon; <p>NOTE: To be implemented with the public area after the database recordset definition.</p>
1906	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-USR-12	<p>The Atlas of Sign Language should allow the search for chapters by inserting the name of chapters</p> <p>NOTE: To be implemented with the public area after the database recordset definition.</p>
1907	Development	Feedback	Feature	Urgent		Atlas tool - Requirement ASL-RQ-USR-13	<p>The Atlas of Sign Language should provide a filtering system useful to limit the search field for “Chapters” to the following category:</p> <ul style="list-style-type: none"> - Phonology; - Morphology; - Lexicon; <p>NOTE: To be implemented with the public area after the database recordset definition.</p>
1908	Development	Feedback	Feature	Urgent	4.00	Atlas tool - Requirement ASL-RQ-USR-14	<p>The Atlas of Sign Language should allow the search for “Languages” by inserting the name of language.</p> <p>NOTE: To be implemented with the public area after the database recordset definition.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1909	Development	Feedback	Feature	Urgent	6.00	Atlas tool - Requirement ASL-RQ-USR-15	The Atlas of Sign Language should allow the search for "Languages" by inserting the genus of language. NOTE: To be implemented with the public area after the database recordset definition.
1910	Development	Feedback	Feature	Urgent	6.00	Atlas tool - Requirement ASL-RQ-USR-16	The Atlas of Sign Language should allow the search for "Languages" by inserting the country. NOTE: To be implemented with the public area after the database recordset definition.
1911	Development	Feedback	Feature	Urgent	6.00	Atlas tool - Requirement ASL-RQ-USR-17	The Atlas of Sign Language should allow the search for "Languages" by inserting the family of language. NOTE: To be implemented with the public area after the database recordset definition.
1912	Development	Feedback	Feature	Urgent	16.00	Atlas tool - Requirement ASL-RQ-USR-18	The Atlas of Sign Language should allow the search for "Languages" by inserting the latitude and longitude. NOTE: To be implemented with the public area after the database recordset definition.
1914	Development	Feedback	Feature	Urgent	16.00	Atlas tool - Requirement ASL-RQ-USR-19	The Atlas of Sign Language should provide a filtering system useful to limit the search field for "Languages" to the following macroareas: - Africa; - Australia; - Eurasia; - North America; - Papunesia; - South America. NOTE: To be implemented with the public area after the database recordset definition.
1915	Development	Feedback	Feature	Urgent	6.00	Atlas tool - Requirement ASL-RQ-USR-20	The Atlas of Sign Language should allow the search for "References" by inserting the Title. NOTE: To be implemented with the public area after the database recordset definition.
1916	Development	Feedback	Feature	Urgent	6.00	Atlas tool - Requirement ASL-RQ-USR-21	The Atlas of Sign Language should allow the search for "References" by inserting the Author NOTE: To be implemented with the public area after the database recordset definition.

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1917	Development	Feedback	Feature	Urgent	8.00	Atlas tool - Requirement ASL-RQ-USR-22	<p>The Atlas of Sign Language should allow the search for “References” by inserting the Year of publication.</p> <p>NOTE: To be implemented with the public area after the database recordset definition.</p>
1919	Development	Feedback	Feature	Urgent	16.00	Atlas tool - Requirement ASL-RQ-USR-23	<p>The Atlas of Sign Language should allow the user to limit the search field for “References” by the following categories.</p> <ul style="list-style-type: none"> - Article; - Book; - Manual; - Conference; <p>NOTE: To be implemented with the public area after the database recordset definition.</p>
1920	Development	Feedback	Feature	Urgent	4.00	Atlas tool - Requirement ASL-RQ-USR-24	<p>The Atlas of Sign Language should provide high resolution maps for individual countries.</p> <p>NOTE: To be implemented with the public area after the database recordset definition.</p>
1921	Development	Feedback	Feature	Urgent	8.00	Atlas tool - Requirement ASL-RQ-USR-25	<p>The Atlas of Sign Language should allow an easy navigation among the countries.</p> <p>NOTE: To be implemented with the public area after the database recordset definition.</p>
1922	Development	Feedback	Feature	Urgent	4.00	Atlas tool - Requirement ASL-RQ-USR-26	<p>The Atlas of Sign Language should enable the user to zoom-in and zoom-out on the maps.</p> <p>NOTE: To be implemented with the public area after the database recordset definition.</p>
1923	Development	Feedback	Feature	Urgent	40.00	Atlas tool - Requirement ASL-RQ-USR-27	<p>The Atlas of Sign Language should show the features values on a georeferenced map according to a predefined legend.</p> <p>NOTE: To be implemented with the public area after the database recordset definition.</p>
1924	Development	Feedback	Feature	Urgent	4.00	Atlas tool - Requirement ASL-RQ-USR-28	<p>The Atlas of Sign Language should allow the user to show or hide the labels related to feature values on the map.</p> <p>NOTE: To be implemented with the public area after the database recordset definition.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1925	Development	Feedback	Feature	Urgent	6.00	Atlas tool - Requirement ASL-RQ-USR-29	<p>The Atlas of Sign Language should allow the user to choose the icon size for features values.</p> <p>NOTE: To be implemented with the public area after the database recordset definition.</p>
1926	Development	Feedback	Feature	Urgent	40.00	Atlas tool - Requirement ASL-RQ-USR-30	<p>The Atlas of Sign Language should show the feature values box on the map itself.</p> <p>NOTE: To be implemented with the public area after the database recordset definition.</p>

d. Atlas tool Specific Bugs

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2181	Developmen	Under Estimation	Feature	Very Urgent		Atlas tool - report	The atlas tool should be able to emit a CSV report of the answers to the questionnaires.
2107	Development	Estimated	Feature	Less Urgent	4.00	Atlas tool – Test Sprint 4, 16.07.18, Fifth Feedback Document – Bullet n.14	<p>Feature Change: Box with name 50ft he tool WORK PATH 09.07.2018 ~15.00 AM / Windows / Chrome / Eclettica_testingtool_platform Test list: UGOE_Pilot_Test3 Edit-Mode Section: General Slide: First Question (Slide #1)</p> <p>Explanation: When navigating with the cursor across the toolbar (mouseover), the name 50ft he tool appears again in a little window, e.g. “text_block” (see picture in pag.16 of the linked document – bullet #14). Since the title is already shown in the toolbar, this information is redundant. Does this little grey box have a specific function? If not, please remove.</p> <p>NOTE: these are the tooltips. We can either disable them, or fill them with explanation text. This however requires an effort that should be evaluated.</p> <p>(14.09.2018 document AtlasSoftware_180914_Clarifications) For the Atlas tool, we do not need them at the moment. They can be switched of for now. As a possibility for the future it is good to have them.</p> <p>La stima si riferisce alla disabilitazione dei tooltip</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2106	Development	Solved	Bugfix+Feature	Very Urgent	6.00	Atlas tool - Test Sprint 4, 16.07.18, Fifth Feedback Document - Bullet n.13	<p>Upload Area WORK PATH 16.07.2018 ~17:30 JH / Mac / Chrome / Eclettica_testingtool_platform Test list: UGOE_Pilot_1 Edit-Mode Section: Section 1.2 Orientation Slide: #2</p> <p>Explanation: Step 1: I inserted a new field "upload area". Step 2: I wanted to change the configuration and opened the little configuration icon. Step 3: The configuration window appeared, but the system got stuck. I could not click anything anymore. Problem 1: System got stuck. Problem 2: The configuration window only seems to have a field, what can be uploaded (red arrow in screenshot). I assume, we can specify here whether a video or a picture can be uploaded. And it is possible to click "Transition" (green arrow - see linked document bullet #13 pag.15). With regard to Problem 2: - it should be checked what can be uploaded depending on the selection of "picture" or "video" - when selecting "picture" upload, a label saying "picture upload" should be shown in the upload area. When selecting "video" upload, a label saying "video upload" should be shown in the upload area - the upload area should have a configuration field "name", where a name for this particular upload area could be written</p>
2105	Development	Solved	Feature	Very Urgent	6.00	Atlas tool - Test Sprint 4, 16.07.18, Fifth Feedback Document - Bullet n.11	<p>Feature Change: Size of the grid -- change into smaller grid. WORK PATH 16.07.2018 ~16.50 JH / Mac / Chrome / Eclettica_testingtool_platform Test list: UGOE_Pilot_1 Edit-Mode Section: concerns all sections Slide: concerns all slides</p> <p>Explanation: When we arrange the text areas and the answer options (e.g. input fields), we often come into trouble with one text field overlapping another text field. See linked document - bullet #11 pag.12, where the screenshot is from Section "Metadata of Content Provider", Slide #1. The text are "Name" is presented as almost cut of, because right below is already the input field. In the view mode, the distance between the header "Name" and the input field is very large. We think the reason for that is the very large alignment grid. The size of the grid cells should be reduced to half of the size now. That is to say, if one grid cell has a length of 1cm now, please reduce it to 0.5cm.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2104	Development	Solved	Feature	Less Urgent	3.00	Atlas tool - Test Sprint 4, 16.07.18, Fifth Feedback Document - Bullet n.10	<p>Feature change: Showing the name of the slides</p> <p>WORK PATH</p> <p>10.07.2018 ~15.40</p> <p>AM / Windows / Chrome / Eclettica_testingtool_platform</p> <p>Test list: UGOE_Pilot_Test3</p> <p>Edit-Mode</p> <p>Section: concerns all sections</p> <p>Slide: concerns all slides</p> <p>Explanation: In the the edit-mode on the bottom of the working field (see linked document - bullet #10 pag.11), a bar shows the different slides of that section. On each slide-icon it is written which type of slide it is: such as "QUESTION" or "INFO". Instead of the type of slide, we would like to see the name of the slide.</p> <p>The first 8 characters of the name of the slide should be inserted on the slide-icon (instead of the type of th slide). For example: name of slide "A_Q1.1 Handshake" is shown as "A_Q1.1 H" on the slide-icon.</p>
2103	Development	Solved	Bugfix+Feature	Very Urgent	3.00	Atlas tool - Test Sprint 4, 16.07.18, Fifth Feedback Document - Bullet n.9	<p>Playing videos</p> <p>WORK PATH</p> <p>10.07.2018 ~16.50</p> <p>AM / Windows / Chrome / Eclettica_testingtool_platform</p> <p>Test list: UGOE_Pilot_Test3</p> <p>View-Mode</p> <p>Section: A little pause (see linked document, bullet #9 pag. 10)</p> <p>Slide: #5 and #6 ("Video" and "more videos at the same time")</p> <p>Explanation: Step 1: We wanted to test whether videos can be inserted and then played in the view mode. Step 2: we dragged and dropped three videos in slide #6 ("more videos at the same time"). Here several problems occurred:</p> <p>Problem 1:</p> <p>The video on the left hand side (which looks like a screenshot from a mobile phone) did not play at all in the view-mode. We are not sure if this is in fact a video. We found it in the Media files under "Videos".</p> <p>Problem 2:</p> <p>The video on the right top side (bunny crawling out a hole) starts to play automatically (in view-mode), but with a long delay at the beginning. And it got stuck a couple of times (no continuous streaming).</p> <p>Problem 3:</p> <p>The video on the right bottom side (numbers) starts to play automatically (in view-mode), but plays in a continuous loop.</p> <p>The following actions should be taken:</p> <p>Bugfix: Please make sure that all videos play in continuous streams, without delays and without loop</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
							<p>Feature change: Please allow the following features for videos (in view-mode):</p> <ul style="list-style-type: none"> - no automatic play, only after content-provider clicked on a "play-button" - insert a "pause-button" for the video - allow that the video can be played multiple times (by pressing the play-button again) - ideally: have a "slow-motion" option (with a "slow-motion"-button), in which the video is played in 50% speed.
2102	Development	Solved	Bugfix	Less Urgent	0	Atlas tool - Test Sprint 4, 16.07.18, Fifth Feedback Document - Bullet n.8	<p>Problems when filling in the table</p> <p>WORK PATH</p> <p>10.07.2018 ~16.05</p> <p>AM / Windows / Chrome / Eclettica_testingtool_platform</p> <p>Test list: UGOE_Pilot_Test3</p> <p>View-Mode</p> <p>Section: General</p> <p>Slide: #3 (Third Question)</p> <p>Explanation: Step 1: I created a table with some columns and rows. Step 2: I clicked on several boxes and marked them, one box per row and column. Step 3: I tried to click on another box within a row, in which one box was already marked. Suddenly, the previously marked box changed into "unmarked". For example: I had marked Anywhere+Midnight Train / Hotel California+Dark Desert Highway / Hell+Highway. When I clicked on Nowhere+Road the click on Hell+Highway disappeared. After that I clicked on Georgia+Stairway and then the pair Anywhere+Midnight Train disappeared. See the linked document (bullet #8 pag.9)</p> <p>NOTE: we were unable to reproduce the bug; could you please send us a video of the bug, and confirm that on the current Eclettica platform the bug still arises?</p> <p>(14.09.2018 document AtlasSoftware_180914_Clarifications) When Annika Mittelstaedt tested Sprint 4 on the Eclettica-platform, this bug happened to her once. She could not reproduce it either. Hence we can drop this item. In Sprint 7, we will test the table function again.</p>
2101	Development	Solved	Feature	Urgent	12.00	Atlas tool - Test Sprint 4, 16.07.18, Fifth Feedback Document - Bullet n.7	<p>Feature Change: Importing slides from other sections -- only 1 slide per import possible</p> <p>WORK PATH</p> <p>10.07.2018 ~15.55</p> <p>AM / Windows / Chrome / Eclettica_testingtool_platform</p> <p>Test list: UGOE_Pilot_Test3</p> <p>Edit-Mode</p> <p>Section: Just some further infos</p> <p>Slide: #1 (Best song)</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
							<p>Explanation: Step 1: In my current Section ("Just some further infos"), I want to import another slide from a different section and test list. Step 2: I open the Import Section as seen in the screenshot (see linked document - bullet #7 pag.8). Step 3: I wanted to import two slides at the same time: first "Welcome to the pilot > NO-NAME" and second "Section A: Phonology > NO-NAME". However, it is only possible to import one single slide per action. It should be possible to import several slides (from different sections and test list) at the same time (i.e. in one action).</p>
2100	Development	Solved	Bugfix	Very Urgent	8.00	Atlas tool - Test Sprint 4, 16.07.18, Fifth Feedback Document - Bullet n.6	<p>Back-Button (In view mode, lower left corner)</p> <p>WORK PATH 10.07.2018 ~16.20 AM / Windows / Chrome / Eclettica_testingtool_platform Test list: UGOE_Pilot_Test3 View-Mode Section: concerns all sections Slide: concerns all slides</p> <p>Explanation: Until now, the "Back-Button" does not do anything. If I click on it, nothing happens. In the context of filling out the questionnaire, we want Content Providers to be able to go back to a previous question. Please give the "Back-Button" the following function: one click = go back to the previous slide of my work path. Hence, each click goes back one slide. Multiple clicks are possible.</p>
2099	Development	Closed	Bugfix	Urgent	0	Atlas tool - Test Sprint 4, 16.07.18, Fifth Feedback Document - Bullet n.5	<p>Feature Change: Size of the Working Field</p> <p>WORK PATH 10.07.2018 ~16.35 AM / Windows / Chrome / Eclettica_testingtool_platform Test list: UGOE_Pilot_Test3 Edit-Mode / View-Mode Section: concerns all sections Slide: concerns all slides</p> <p>Explanation: Please compare the size of the working field in the "edit-mode" with the size of the working field in the "view-mode": In screenshot A (edit-mode) and screenshot B (view-mode) of the linked document (bullet #5 pag.6), you see the very same slide in the same section. Note that in the edit-mode (first screenshot), both buttons are located on the bottom edge of the working field. Whereas in the view-mode (second screenshot), both buttons fit perfectly well into the working field and have a little space beneath them. So, the working field in the edit-mode and the working field in the view-mode seem to have not the identical size, and hence the sizes of the working field in edit-mode and in view-mode should be unified.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2098	Development	Estimated	Bugfix	Very Urgent	8.00	Atlas tool - Test Sprint 4, 16.07.18, Fifth Feedback Document - Bullet n.2	<p>Text area -- aligned text areas change alignment after saving WORK PATH 09.07.2018 / ~16.00 AM / Windows / Chrome / Eclettica_testingtool_platform Test list: UGOE_Pilot_Test3 Edit-Mode Section: General Slide: #5 (fourth question)</p> <p>Explanation: Step 1: Inserting and aligning "Input Fields" and "Text Areas". These seem to be aligned correctly (see screenshot A - linked document bullet #2 pag.3). Step 2: Save the slide, exit to the section overview, and open the respective slide again. Result (see screenshot B - linked document bullet #2 pag.4): the height of the text area has changed; and the right side of the text areas does not align with the grid anymore. The size and alignment of text areas should stay the same after saving, exiting and re-opening the slide</p> <p>NOTE: apparently is an old bug, can you please confirm it is still present in the current Eclettica platform?</p> <p>(14.09.2018 document AtlasSoftware_180914_Clarifications) The problem still exists. Tested on Eclettica platform 12.09.18 at 17:30 JH Mac Chrome Test list: UGOE_Pilot_Test3 Edit-Mode Section: General Slide: #5 ("fourth question") See also the related video.</p> <p>While testing this, a further problem appeared: When clicking the "Undo" button, (i) it changed the size of the text areas and (ii) the "Undo" button did not undo the last action, namely moving the "next-button". See the related video. [I am not sure if this is a further serious bug, because the "Undo"-button is not doing what it is supposed to do; or if this is a minor effect by using the Eclettica platform, which just happened now.]</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2067	Development	Closed	Bugfix	Very Urgent	0	Atlas tool - Test Pre-Sprint 4, 31.05.18, Fourth Feedback Document - Bullet n.1	<p>Text block, table and buttons alignment: the Button cannot be aligned with the grid correctly, as the text block (see the linked document) and table are aligned in a way that the button will not let me align itself. I cannot change its position so that it is aligned like the text and the table.</p> <p>NOTE: From this description it is unclear what the problem is: is it not possible to drag the button? Is it not possible to extend the width of the table? In the case the problem is the inability to right-align the table and the button, notice that alignment of graphical elements to the right is not implemented: The tool currently only snaps the upper-left corner of buttons, labels and tables to the grid. In the image it is possible to achieve the visual effect of a button that is right-aligned with the table by widening the table one square to the right. If the problem is different, please provide a link to the test you used to produce the screenshot and the exact steps to reproduce the issue</p> <p>(14.09.2018 document AtlasSoftware_180914_Clarifications) The problem does not occur anymore. See the respective video for evidence and further explanation. Tested on Eclettica platform 12.09.18 at 17:30 JH Mac Chrome Test list: UGOE_Pilot_Test3 Edit-Mode Section: General Slide: #3 ("third question")</p> <p>Also, the problem with the "Undo"-button did not occur here. So the "Undo"-button did in fact undo the last actions.</p>
1846	Development	Solved	Bugfix	Very Urgent	8.00	Atlas tool - Test Pre-Sprint 4, 31.05.18, Fourth Feedback Document - Bullet n.2	<p>There is a difference between the size of the working field that is visible to us and how this field is represented to the Content Provider. As you can see in the picture above (see linked word document), the Next-Button is directly at the edge of the working field, being precisely it is even overlapping a little. In the picture below (see linked word document) you can see how the very same question is shown to the Content Provider. You can see that there is much more space which means that the working field we are shown does not equal the size of the field the Content Provider are getting.</p>
2068	Development	Solved	Bugfix	Very Urgent	0	Atlas tool - Test Pre-Sprint 4, 31.05.18, Fourth Feedback Document - Bullet n.3	<p>Sometimes it is not possible to change the size of the table because the two sides (the width and the length) skip to other positions without me being able to control their skipping.</p> <p>NOTE: unable to reproduce the issue, so there's the need to have the exact link to the test where this issue happens and the exact steps to reproduce it. Does it happen with both auto-zoom and scroll-bar tables?</p> <p>(14.09.2018 document AtlasSoftware_180914_Clarifications) We will test this item again, when we test tables in Sprint 7.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2069	Development	Closed	Bugfix	Very Urgent	0	Atlas tool - Test Pre-Sprint 4, 31.05.18, Fourth Feedback Document - Bullet n.4	<p>The size of the buttons cannot be changed because the system does not save the change.</p> <p>NOTE: The size of the buttons cannot be changed. The decision to give fixed dimensions to the buttons was taken in agreement with the product owners who required it to give a consistent aspect to all slides. Moreover, according to our tests the text in the picture „I do not accept“ fits the current size of the button. So, it was not possible to reproduce the issue. Please provide a link to the test where the previous button screenshot was taken.</p> <p>16-07-2018 - Feedback Document "AtlasSoftware_ChangeSprint4_180716.doc" Bullet 4 WORK PATH 09.07.2018 ~16.30 AM / Windows / Chrome / Eclettica_testingtool_platform Test list: UGOE_Pilot_Test3 Edit-Mode Section: More general Slide: #1 (Continuing the Questionnaire)</p> <p>Adjusting the size of a button is not saved. Step 1: I insert a button and I want to change the size of it. Step 2: I open the button configuration and fill in a number (e.g. 150 for width). Step 3: The button does change its size, as long as I am on the slide. Step 4: However, when I save and exit the slide, and later on open the same slide again, the change in width was not saved by the system. Instead, the size changed back, as shown in the screenshot related to Bullet #4 (pag.5 attached document). The button size should be saved correctly.</p>
1847	Development	Solved	Bugfix	Very Urgent	8.00	Atlas tool - Test Pre-Sprint 4, 31.05.18, Fourth Feedback Document - Bullet n.5	<p>When creating a range slider, it is able to insert labels but they will not be saved so that they are not shown neither in the working field nor in the view function.</p> <p>16-07-2018 - Feedback Document "AtlasSoftware_ChangeSprint4_180716.doc" Bullet 12 WORK PATH 16.07.2018 ~16.50 JH / Mac / Chrome / Eclettica_testingtool_platform Test list: UGOE_Pilot_1 Edit-Mode Section: Section 1.2 Orientation Slide: #1</p> <p>Explanation - Step 1: I inserted a new range slider. Step 2: I opened the configuration and entered a name, a label and the min and max numbers. I also marked "show ticks" and "show labels". I assumed that the range slider would show the numbers 1-10 (see linked document "AtlasSoftware_ChangeSprint4_180716.doc"). However, neither in the edit-mode, nor in the view-mode, does the range slider in fact show the numbers 1-10. So, it has to be checked that the range-slider show the numbers in the edit-mode as well as in the view-mode.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1848	Solved	Estimated	Bugfix	Very Urgent	8.00	Atlas tool - Test Pre-Sprint 4, 31.05.18, Fourth Feedback Document - Bullet n.6	<p>Although the alignment works better now which is great, the elements do not seem to align regularly like is seen in the picture below (see the linked document). The question and the answers on the left are closer to the grid than the question and the answers on the right.</p> <p>16-07-2018 - Feedback Document "AtlasSoftware_ChangeSprint4_180716.doc" Bullet 1 WORK PATH 09.07.2018 / ~15.00 AM / Windows / Chrome / Eclettica_testingtool_platform Test list: UGOE_Pilot_Test3 Edit-Mode Section: General Slide: #1 (first question)</p> <p>The button does not align correctly with the grid. The "move-icon" is not aligned with the lower left corner of the square in the grid. It is not possible to drag the button in the lower left corner of the square. Instead, the button always jumps back to the position seen here (see linked document bullet #1 pag.2).</p> <p>Every text block or answer option or button should align correctly (i.e. in the lower left corner) with the grid. Please make also sure that this is the case for apple computer as well as for PCs</p> <p>16-07-2018 - Feedback Document "AtlasSoftware_ChangeSprint4_180716.doc" Bullet 3 WORK PATH 09.07.2018 / ~16.00 AM / Windows / Chrome / Eclettica_testingtool_platform Test list: UGOE_Pilot_Test3 Edit-Mode Section: General Slide: #5 (fourth question)</p> <p>Inserting multiple input fields (left hand side of the screenshot - see linked document bullet #3 pag.4) and Text areas (right hand side of the screenshot - see linked document bullet #3 pag.4): If you look closely: The top input field with the text "Here is a question that...." is correctly aligned (bottom left corner of square). However, the lower two input fields and text areas are not correctly aligned: the move-icon is on the grid.</p>
2070	Development	Under development	Bugfix	Very Urgent	0	Atlas tool - Test Pre-Sprint 4, 31.05.18, Fourth Feedback Document - Bullet n.7	<p>When creating a table and inserting rows and cols: What does the possibility <i>limit</i> mean? Does it limit the possible answers per row/col? If so, it does not work.</p> <p>NOTE: The interpretation is right. However, according to our tests everything seems to work correctly. Notice that this functionality only works during the playback of tests, and has no effects on the editing of tests. Please provide a link to the test and the exact sequence of steps necessary to reproduce the problem</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
							<p>(14.09.2018 document AtlasSoftware_180914_Clarifications) I tested the function of tables again.</p> <p>Tested on Eclettica-platform 14.09.18 at 12:00 JH Mac Chrome</p> <p>Test list: UGOE_Pilot_Test3 Edit-Mode Section: More general Slide: #2 ("thank you")</p> <p>I inserted a new table in order to test the "limit" function. I came across a new problem: When creating the table, I wanted to add 3 columns and 7 rows. However, the table-tool didn't allow for more than 3 rows and 3 columns. See related video.</p> <p>NOTE: Needed more test clearing browser cache (or open the platform in anonymous mode) because we have tested and it seems to work properly http://testing01.eclettica.net:8085/#/home/atlas/testplayer?id=UUID-TST-4f0837a5-b1b6-4c3d-8a49-7483d4207b5a&index=3&preview=true</p>
1904	Development	Closed	Bugfix	Very Urgent	0	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Default transaction in creating a slide"	<p>The feature does work for Slides, but not for Sections.</p> <p>NOTE: Applied a fix</p>
1913	Development	Closed	Bugfix	Very Urgent	0	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Alignment and background grid - Grid: ON_OFF button moves upwards"	<p>Alignment and background grid: the window including the "GRID: ON_OFF" button moves upwards.</p> <p>NOTE: the "GRID: ON_OFF" button has been moved and the problem fixed</p>
1918	Development	Closed	Bugfix	Very Urgent	4.00	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Alignment and background grid - Loss alignment upon close/reopen"	<p>Alignment and background grid: alignment is lost upon close/reopen.</p> <p>NOTE: Applied a fix</p>
1927	Development	Closed	Bugfix	Very Urgent	8.00	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Pictures, inserting and format"	<p>Pictures, inserting and format: Pictures formatting is still problematic.</p> <p>NOTE: Applied a fix - adjustments to the alignment mechanism provided, fixing the picture resizing, positioning and aspect ratio</p>
1928	Development	Solved	Bugfix	Urgent	0	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Videos imported in media"	<p>Videos imported in Media: you can see the videos but you can not play them again or press "stop" or "play".</p> <p>NOTE: This is intentional since playback of videos was not included in the requirements, and because it potentially has negative impact on the usability of the interface and on the speed of</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
							<p>the application. If the functionality is needed we are available to evaluate the effort necessary to implement it, and the impact on usability and performance.</p> <p>(14.09.2018 document AtlasSoftware_180914_Clarifications) Has been tested again on: Tested on CINI-platform 14.09.18 at 12:20 JH Mac Chrome Test list: UGOE_Pilot_Test2 Edit-Mode Section: Test_Media Slide: #1 ("Test Videos") Video played normally. (A) In the Questionnaire, the function to play the video again is NOT needed. So we can drop this for now. However, (B) in the final ATLAS, the function to play any videos again IS needed. This is to keep in mind for the future.</p> <p>NOTE: To play the video again the content-provider can set the "show control" flag, and the user can use the play button to play again.</p>
1929	Development	Closed	Bugfix	Urgent	8.00	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "View-Function does not work"	<p>View-Function does not work.</p> <p>NOTE: the bug was fixed on Wednesday 16th of May on CINI platform. It is required the test which failed in order to reproduce the bug.</p>
1930	Development	Closed	Bugfix	Urgent	2.00	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Text area and input field change their size"	<p>Text area and input field change their size.</p> <p>NOTE: Applied a fix</p>
1972	Development	Closed	Bugfix	Very Urgent	0	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "The working area"	<p>The working area: to provide a different solution than a fixed aspect ratio of the components.</p> <p>NOTE: Applied a fix to resizing, positionig and aspect ratio. The following factors have to be taken into account:</p> <ul style="list-style-type: none"> - Changing the aspect ratio dynamically has some complex impact on the resulting usability of the software (to exemplify, one of the issues is whether it is acceptable that the user may scroll through the slide to access the content that is not currently visible). Since the change also concerns how the slides are visualized in the other tools it is necessary to discuss the usability issues with the owners of the other tools. - The proposed change has a non trivial impact on the internal structure of the software, and the effort to implement it is nontrivial. Currently we are performing an accurate estimation of the effort so we can evaluate, together with the owners of the other tools, whether to redirect part of the development effort to implement this issue

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1973	Development	Closed	Bugfix	Very Urgent		Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Scrolling the table of contents"	<p>Scrolling the table of contents: it is not possible to execute this functionality.</p> <p>NOTE: The screenshot is related to an old version of the platform, the current one is able to scroll</p>
1974	Development	Estimated	Bugfix	Very Urgent	20.00	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Insert the glossary"	<p>Insert the glossary: wrong words are glossed with wrong definitions.</p> <p>NOTE: We could not insert the glossary because there are some misalignments between the provided glossary and the requirements for it that need to be discussed. At this regard we sent a reply to the document included with the glossary but unfortunately it seems that it went lost. We are sorry for the inconvenience. Here we report a brief discussion where we propose some ways to align the requirement over the glossary tool with the actual needs outlined by Jana:</p> <p>1- While the requirements state that a glossary term is composed by one word, the need emerges to support terms of the glossary that are composed by more than one word. It surely is possible to implement a solution where a glossary term is composed by more than one word, and we evaluated that to implement the solution the necessary effort is about 20h of work.</p> <p>2- Another need that emerged is the possibility for an editor to define custom glossary terms and have them inserted in the glossary. We see several alternatives to realize this functionality. An alternative with low effort cost would be requiring the editors to send the additional glossary terms with their definitions to the platform administrator, that after a review will insert them in the global glossary with an automated procedure. Since cross-references to the glossary are automatically calculated when an atlas page is rendered, all the documents in the atlas would be automatically linked to the new terms. Different alternatives (e.g., directly offering to the editors the possibility of editing, deleting and adding voices in the glossary) pose some usability questions and require a nontrivial effort: Both aspects should be assessed more precisely together with the tool owners before deciding which solution is best.</p> <p>3- The last need that emerged is about supporting glossary terms with more than one meaning, and crossreferences that link the occurrence of a term with multiple meaning in the atlas to the glossary voice corresponding to the right meaning of the term in that context. Implementing this functionality as asked would require nontrivial effort, according to our analysis. The current implementation of the atlas software links the terms in the atlas to the glossary in an automatic fashion. The problem of automatically determining the meaning of a term in a phrase based on the context is very hard to solve computationally, with no solution available within the allocated project effort. The only alternative we consider practicable is to report the multiple meanings in the same term definition, without detection of which meaning an occurrence of the term refers to. We are available to discuss other solutions.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1975	Development	Closed	Bugfix	Urgent	0	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Add other tags to Range slider"	Add other tags to Range slider: the system does not save the change; the labels of the range slider are not shown. NOTE: Applied a fix
1976	Development	Closed	Bugfix	Urgent	0	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Feature table, adjust size and limit answer numbers"	Feature table, adjust size and limit answer numbers: the table resize, when tables are too big, is not fixed, it doesn't work in View mode. NOTE: It's linked to the issue related to the "working area", where two different options have been implemented to support large tables. There are some minor fixes that have to be performed as for the resizing option.
1977	Development	Closed	Bugfix	Urgent	0	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Button (no answer, Next)"	Button (No answer, Next): the buttons are not consistent. NOTE: More precise information on where the inconsistent buttons are needed, before we may fix the appearance of the buttons. Consider that the "next" button does not exist, there is a button to which style + text can be applied.
1978	Development	Closed	Bugfix	Urgent	0	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Upload-area: Icon in the view function"	Upload-area: Icon in the view function. The program is like frozen, as neither "save" or "cancel" or "transition" buttons can be used. NOTE: Applied a fix
1979	Development	Estimated	Bugfix	Less Urgent	8.00	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Exit button, save automatically"	Exit-button: save automatically. This functionality cannot be checked. NOTE: We are not able to interpret the comment. Do you mean that you were unable to use the exit button? In this case, please provide the steps to reproduce the problem as we were not able to (14.09.2018 document AtlasSoftware_180914_Clarifications) The task is: If a content-provider is in the middle of answering the questionnaire, and he/she stops in the middle of the procedure and closes his/her browser, does the tool automatically save the answers of the content-provider?? I tried to test this function (of automatic save). Tested on CINI-platform 14.09.18 at 14:40 JH Mac Chrome Test list: UGOE_Pilot_Test2 View-Mode Section: Test_TextAreas_AnswerOptions Slide: #1 ("Test Checkbox and Radio") I answered the first question and then just closed the document. Afterwards I looked at the report file. I cannot identify whether the software has automatically saved my answer or not, because I do not understand the report file as it is right now.

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
							NOTE: If the user closes the browser abruptly, it is impossible to create the report before the browser shuts down, so there is no technically feasible solution to the issue you point out. We can implement a functionality that, when the user presses the "Exit" button before ending the questionnaire, creates a partial report and sends it to the server.
1980	Development	Estimated	Bugfix	Urgent	40.00	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Browser used to work with software"	Browser used to work with software vs. Browser used by content-providers. NOTE: The most blocking compatibility issues with Safari and Firefox have already been solved. However full compatibility with browsers different from Chrome is scheduled for later iterations, because it was considered to be non-blocking, and because it would require a bigger effort to implement compatibility as development progresses, rather than at the end of the project. If this is not the case we are available to evaluate whether it is feasible to reschedule this feature.
1981	Development	Closed	Bugfix	Urgent	0	Atlas tool - Test Sprint 3, 01.05.18, Third Feedback Document - "Label and Value"	Label and Value NOTE: further clarification on this point are needed (14.09.2018 document AtlasSoftware_180914_Clarifications) This item can be deleted. We understand the function of "Label" and "Value".

4.2.3. Assessment Tool

a. Administrator Requirements

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1983	Development	Feedback	Feature	Urgent		Testing tool - Requirement PLT-RQ-ADM-1	<p>The web platform should provide an Administrator Dashboard.</p> <p>NOTE: IMPLEMENTED for Access Right and Profiling (Home->admin). To be completed with Visitor tracking and reporting because the public area isn't implemented and no visitor registration form exists.</p>
1984	Development	Feedback	Feature	Urgent		Testing tool - Requirement PLT-RQ-ADM-2	<p>The Administrator Dashboard should feature a user-friendly interface.</p> <p>NOTE: IMPLEMENTED for Access Right and Profiling (Home->admin). To be completed with Visitor tracking and reporting.</p>
1987	Development	Feedback	Feature	Urgent		Testing tool - Requirement PLT-RQ-ADM-3	<p>The web platform should allow Administrator to accept/decline user account registrations through the Dashboard.</p> <p>NOTE: The Accept/decline feature is implemented. The registration feature isn't implemented.</p>
1986	Development	Closed	Feature	Urgent	0	Testing tool - Requirement PLT-RQ-ADM-4	<p>The web platform should return to the Dashboard the list of confirmed/denied/pending account registration.</p> <p>NOTE: IMPLEMENTED. (Home->admin).</p>
1985	Development	Feedback	Feature	Urgent		Testing tool - Requirement PLT-RQ-ADM-5	<p>The web platform should allow Administrator to check, through the Dashboard, the status of a user's request.</p> <p>NOTE: The registration feature is not implemented, as the platform can be accessed just by specific persons; so far, the Administrator creates a new user and then a test can be submitted. So, it is not clear the list of possible user's request</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1989	Development	Feedback	Feature	Urgent		Testing tool - Requirement PLT-RQ-ADM-6	<p>The web platform should allow Administrator to define, through the Dashboard, multiple authorization profiles with different sets of permissions.</p> <p>NOTE: IMPLEMENTED. (Home->admin). There are 3 predefined permission set: "Administrator", "Content provider" and "Viewer user". The "visitor" permission rule profile will be created when the public area will be realized. The profile form must be implemented.</p>
1990	Development	Closed	Feature	Urgent	0	Testing tool - Requirement PLT-RQ-ADM-7	<p>The web platform should allow Administrator to associate, through the Dashboard, a user with a specific authorization profile.</p> <p>NOTE: IMPLEMENTED. (Home->admin)</p>
1991	Development	Feedback	Feature	Urgent	8.00	Testing tool - Requirement PLT-RQ-ADM-8	<p>The web platform should provide for the integration to Google Analytics and/or equivalent free website statistics module for visitor tracking.</p> <p>NOTE: This feature will be implemented with the public area.</p>
1988	Development	Feedback	Feature	Urgent	16.00	Testing tool - Requirement PLT-RQ-ADM-9	<p>The web platform should allow Administrator to view on the Dashboard the following users' information: Username, Email, Organization, Date of registration request, Date of registration confirmation.</p> <p>NOTE: The Administration dashboard has the following user information: Name, Surname, email, profile, status. The rest of the user information will be added with the public form registration.</p>

b. Content Provider Requirements

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1992	Development	Feedback	Feature	Urgent	48.00	Testing tool - Requirement SLA-RQ-CPR-1	<p>The Sign Language Assessment Module should manage several profiles that may upload content and their access rights to enter contents on the module.</p> <p>NOTE: PARTIALLY IMPLEMENTED. The profile module is implemented. The rights for the profiles must be defined to complete the implementation.</p>
1993	Development	Feedback	Feature	Urgent	32.00	Testing tool - Requirement SLA-RQ-CPR-2	<p>The Sign Language Assessment Module should provide the following types of supporting materials to help content provider with middle-high computer skills and expertise in survey design to upload and administrate questionnaires:</p> <ul style="list-style-type: none"> - Manual of use in text format (.pdf); - Short training videos; - Tool tips; - Tutorial on how to upload material. <p>NOTE: PARTIALLY IMPLEMENTED. The Manual is in 4st release. The tooltip must be implemented and contents defined. The Video must be created. The tutorial must be created.</p>
1994	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-3	<p>The Sign Language Assessment Module should allow the content provider to upload the stimuli.</p> <p>NOTE: IMPLEMENTED.</p>
1995	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-4	<p>The Sign Language Assessment Module should allow the content provider to assess the questionnaire.</p> <p>NOTE: IMPLEMENTED.</p>
1996	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-5	<p>The Sign Language Assessment Module should allow the content provider to export the data in spreadsheet form.</p> <p>NOTE: IMPLEMENTED.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1827	Development	Under estimation	Feature	Urgent		Testing tool - Requirement SLA-RQ-CPR-6	The Sign Language Assessment Module should allow the content provider to administer the questionnaire off-line, record the answers and update the platform once back to Internet.
1997	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-7	The Sign Language Assessment Module should provide the self-pace assessment functionality. NOTE: IMPLEMENTED.
1998	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-8	The Sign Language Assessment Module should allow the content provider to perform the administration of the questionnaire via Tablet. NOTE: IMPLEMENTED.
1999	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-9	The Sign Language Assessment Module should record, where needed, reaction times to various stimuli. NOTE: IMPLEMENTED.
2000	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-10	The Sign Language Assessment Module should provide non-conflicting (incremental numeric order) rules to attribute labels to any uploaded file for each stimulus (e.g. videos with sign language sentences) and keep track of the original filename. NOTE: IMPLEMENTED.
2001	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-11	The Sign Language Assessment Module should provide a preview of the entire questionnaire (while adding the questions) and of single questions. NOTE: IMPLEMENTED.
2002	Development	Feedback	Feature	Urgent	32.00	Testing tool - Requirement SLA-RQ-CPR-12	The Sign Language Assessment Module should provide a mailing list of contacts and keep track of who did experiment, preserving the privacy. NOTE: TO BE IMPLEMENTED. Requirement to be analyzed. This requirement should be clarified. The mailing list can be inserted but, as far as permissions are considered up to now, we are not sure if the person answering the questionnaire is a user of that list. if I have a mailing list I can put a flag next to the

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
							contacts that have run an experiment and so I can memorize who made them in the list. But do I have to keep track of everyone?
2003	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-13	The Sign Language Assessment Module should provide a Survey Editor. NOTE: IMPLEMENTED.
2004	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-14	The Survey Editor should allow Content provider to create and edit individual questions and blocks. NOTE: IMPLEMENTED.
2005	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-15	The Survey Editor should allow Content provider to randomize the order of presentation within and across blocks. NOTE: IMPLEMENTED.
2006	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-16	The Survey Editor should allow Content provider to set fonts, colors and headers of questions and answers. NOTE: IMPLEMENTED.
2007	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-17	The Survey Editor should allow Content provider to edit multiple choice questions. NOTE: IMPLEMENTED.
2008	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-18	The Survey Editor should allow Content provider to edit open-ended questions. NOTE: IMPLEMENTED.
2009	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-19	The Survey Editor should allow Content provider to edit close-ended (yes/no) questions. NOTE: IMPLEMENTED.
2010	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-20	The Survey Editor should allow Content provider to edit rank-order scale questions. NOTE: IMPLEMENTED.

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2011	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-21	The Survey Editor should allow Content provider to edit slider questions type. NOTE: IMPLEMENTED.
2012	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-22	The Survey Editor should allow Content provider to edit questions containing image. NOTE: IMPLEMENTED.
2013	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-23	The Survey Editor should allow Content provider to edit questions containing videos. NOTE: IMPLEMENTED.
2014	Development	Estimated	Feature	Urgent	16.00	Testing tool - Requirement SLA-RQ-CPR-24	The Sign Language Assessment Module should allow content provider to have a print out of all the questions and answers in csv, rtf and pdf format. NOTE: IMPLEMENTED only in csv.
2015	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-25	The Sign Language Assessment Module should allow content provider to upload the text and video answers, collected without using the assessment tool. NOTE: IMPLEMENTED.
2016	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-26	The Sign Language Assessment Module should allow content provider to collect touch screen answers and hand-box. NOTE: IMPLEMENTED.
2017	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-27	The Sign Language Assessment Module should provide a spreadsheet view of the data collected in the surveys. NOTE: IMPLEMENTED.

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2018	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-28	<p>The Sign Language Assessment Module should allow content provider to export the data collected in a csv file format, having the following structure:</p> <ul style="list-style-type: none"> - Each line corresponds to a data point (an answer to a stimulus); - One column encodes the subjects? ID number (random subject factor); - One column encodes the direct answer (dependent variable); - One column encodes the reaction time (dependent variable); - One column encodes other possible implicit measures (dependent variable); - Several columns encode each of the subjects? metadata (age, gender, fluency, family composition, age of acquisition, etc.); - Several columns encode each of the stimulus? metadata (question, video-file-name, possible, other independent variables, item code for random item factor, etc.); - Several columns encode each of the experiment metadata (date of administration, duration of the entire experiment, count of missing answers, whether the experiment has been concluded or not, etc.). <p>NOTE: IMPLEMENTED.</p>
2019	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-29	<p>The Sign Language Assessment Module should allow each content provider to create new surveys, without requesting further permission.</p> <p>NOTE: IMPLEMENTED.</p>
2020	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-CPR-31	<p>The Sign Language Assessment Module should allow each content provider to browse the survey template.</p> <p>NOTE: IMPLEMENTED.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2021	Development	Feedback	Feature	Urgent		Testing tool - Requirement SLA-RQ-CPR-32	<p>The Sign Language Assessment Module should allow each content provider to browse closed questionnaire of other providers, once the experiment is finished and made available from the relative owners.</p> <p>NOTE: PARTIALLY IMPLEMENTED. The profile permission must be defined and implemented.</p>
2022	Development	Feedback	Feature	Urgent		Testing tool - Requirement SLA-RQ-CPR-33	<p>The Sign Language Assessment Module should allow each content provider to use videos from other surveys, once requested and received authorization from the relative owners.</p> <p>NOTE: PARTIALLY IMPLEMENTED. The profile permission must be defined and implemented.</p>

c. End-User Requirements

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2023	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-USR-1	The Tools for Sign Language Assessment Module should be easy to use by users with basic computer literacy. NOTE: IMPLEMENTED.
2024	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-USR-2	The Tools for Sign Language Assessment Module should support content in multiple languages. NOTE: IMPLEMENTED.
2025	Development	Closed	Feature	Urgent	0	Testing tool - Requirement SLA-RQ-USR-3	The Tools for Sign Language Assessment Module should provide an easy to use rich-text editor. NOTE: IMPLEMENTED.
2026	Development	Under estimation	Feature	Urgent		Testing tool - Requirement SLA-RQ-USR-4	The Tools for Sign Language Assessment Module main page should provide a brief description of the module. NOTE: The main page will be created when the tool will be public. Brief description must be defined.

1 under estimation

d. Testing Tool Specific Bugs

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2119	Development	Under Estimation	Feature	Less Urgent	18.00	Testing tool - Sprint4 Feedback July 2018 - Item 7	<p>Feature change - Report list presentation</p> <p>Explanation: as the report list does not have an apparent order, it is requested to sort the items according to test name, and for those having the same name test, by date. In addition, it should be added a search feature also for this case.</p> <p>NOTE from Eclettica: To order report rows 2 hours are needed (name and date or date and name??); to implement the search function (search by name and date) 16 hours are needed. If other research parameters new estimation is needed.</p>
2118	Development	Closed	Bugfix	Urgent	0.00	Testing tool - Sprint4 Feedback July 2018 - Item 6	<p>Report - Column meaning Test name on Eclettica platform: BEATRICE_PROVA_2018_07_18 Report ID: UUID-RPRT-cd7abd52-5e05-4cdd-a082-1bfd9d1f1f48</p> <p>Explanation: it seems that the reports produced by both platforms (Eclettica and Amazon) produce missing or meaningless values on some columns. Also the difference between stimulus start / end (columns U and V) and answer start / end (columns X and Y) is not clear. To clarify the meaning.</p> <p>NOTE from Eclettica: IT'S NOT A BUG AND THERE IS NOTHING TO DEVELOP. Values of column U and V are timestamp related with the start and the end time of the STIMULUS slide; questions Q1 and Q2 haven't any STIMULUS slide so no time is saved into the U and V column; Column X and Y are related with the start and end time of an ANSWER slide; in questions Q1 and Q2 there is an ANSWER slide and X and Y are valorized; Q3 and Q4 haven't any ANSWER slide.</p>
2117	Development	Estimated	Bugfix	Urgent	8.00	Testing tool - Sprint4 Feedback July 2018 - Item 5	<p>Report - Question 3 Test name on Eclettica platform: BEATRICE_PROVA_2018_07_18 Report ID: UUID-RPRT-cd7abd52-5e05-4cdd-a082-1bfd9d1f1f48</p> <p>Explanation: Its not clear the exact meaning of some columns (e.g. columns S, T, and AA), nor it is clear how the expected answer can be inserted. A specific question related to this bug is: how are the different elements identified in the report (for example, if I have two checkboxes in the same slide, in the report how do I distinguish them?). Probably it is performed by the NAME field (see Item 2113), but a confirmation is needed.</p> <p>NOTE from Eclettica: The T column identify if the saved answer is equal with the expected answer; In the first phase of development it was assumed to insert, for each element, the possibility to indicate if the answer is correct (for example look at the radio buttons); Carlo told us that it is extremely complicated and requires an analysis by the researchers to understand what is a correct answer, therefore this possibility has been left but not implemented for all the components. The column AA should contain the value Y-V (answer end time - stimulus end time). In the report different elements should</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
							be identified by the name (or groupName when it's present). The estimation is related with the identifier fix.
2116	Development	Estimated	Feature	Less Urgent	28.00	Testing tool - Sprint4 Feedback July 2018 - Item 4	<p>Report - Question 2 Test name on Eclettica platform: BEATRICE_PROVA_2018_07_18 Report ID: UUID-RPRT-cd7abd52-5e05-4cdd-a082-1bfd9d1f1f48</p> <p>Explanation: It's proposed to organize the report with a line for answer, rather than a line for question, in order to make it easier to read. Actually, in column R all the actions performed on a slide answer are recorded. It's not very convenient to have all the answers in a column, furthermore in the report it should appear where the answer comes from (e.g. type of answer). See the uploaded file (pag. 1 - "Domanda 2") to better understand the request.</p> <p>NOTE from Eclettica: It's possible to have a row for each element of the slide; there would be a lot of redundant information. With Carlo we hypothesized to leave the columns of the answer and add, after the column AC, pairs of columns in which in the first there is the value of the answer and in the second (if possible to determine it) the expected value. The estimate refers to the Beatrice solution. Pay attention to the fact that in the example it seems that within the same question there are more slides of type ANSWER and this is not in line with what was derived from the preliminary design analysis: each question should be composed of several slides, one of which of type STIMULUS and one of type ANSWER.</p>
2115	Development	Estimated	Feature	Less Urgent	32.00	Testing tool - Sprint4 Feedback July 2018 - Item 3	<p>Report - Question 1 Test name on Eclettica platform: BEATRICE_PROVA_2018_07_18 Report ID: UUID-RPRT-cd7abd52-5e05-4cdd-a082-1bfd9d1f1f48 Q1 and Q2 are the same, they have a radiobutton with 3 options, one of them is the correct one. Q3 and Q4 are the same, they have two checkboxes and one button. The answer to the button (transition) does not interest, while there's an interest in knowing which checkboxes the participant chooses</p> <p>Explanation: it should not happen that an "ANSWER" type column contains also the response value of elements that do not interest researchers, such as the progress buttons. It should be possible to define, for each element in the slide, whether its value appears or not in the report. In the example above, the button registration could be eliminated in Q3 and Q4 Column M should be "Question presentation order" instead of "Block presentation order". To verify correctness of this name.</p> <p>NOTE from Eclettica: The column name is write according with Carlo; the value is the presentation order of the question in the group (block); it is an ascending number until the group change. The estimation is related with the possibility to define if the response value should be saved or not.</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2114	Development	Estimated	Feature	Less Urgent	28.00	Testing tool - Sprint4 Feedback July 2018 - Item 2	<p>Feature change: Test construction modification request</p> <p>Explanation: it should be possible to create N (N> 1) checkbox in one step by dragging the checkbox icon on the slide, similarly to how it happens for radio button groups, instead of inserting one checkbox each time.</p> <p>NOTE from Eclettica: It's possible modify the checkbox editor to allow the user to add multiple checkboxes</p>
2113	Development	Estimated	Bugfix	Urgent	6.00	Testing tool - Sprint4 Feedback July 2018 - Item 1	<p>Test construction</p> <p>Test BEATRICE_PROVA_2018_07_18, question 3 and 4</p> <p>Explanation: when creating a button on a slide, there is a NAME field whose purpose is not clear and whose value is lost at the time of saving. It must be eliminated if it is useless. Otherwise, it should be clarified its functionality checking that the value is saved.</p>
1852	Development	Feedback	Feature	Very Urgent		Testing tool - Sprint5 Request List - Bullet n.1	To implement the possibility of response via webcam (for production tests).
1853	Development	Closed	Feature	Very Urgent	16.00	Testing tool - Sprint5 Request List - Bullet n.2	To implement randomization: it must be possible to have a random question and a fixed order question.
1854	Development	Closed	Feature	Very Urgent	16.00	Testing tool - Sprint5 Request List - Bullet n.3	From the EDITOR SLIDES, to implement a preview slide function (you should click and see how the slide appears in full screen). See the linked document
1855	Development	Closed	Feature	Very Urgent	8.00	Testing tool - Sprint5 Request List - Bullet n.4	Access to the media from the slides editor: to implement media search functionality
1856	Development	Closed	Bugfix	Very Urgent	16.00	Testing tool - Sprint5 Request List - Bullent n.5	To improve the functionality of aligning objects in the slides (if already done for the Atlas, the same solution can be used)
1857	Development	Closed	Feature	Very Urgent	4.00	Testing tool - Sprint5 Request List - Bullent n.6	To improve the clickable area function: it must be possible to superimpose the clickable area on different portions of images (see the image in the linked document).
1858	Development	Feedback	Bugfix	Very Urgent		Testing tool - Sprint5 Request List - Bullent n.7	if a question is duplicated, in the duplicated question the clickable area settings are not always identical to those of the source question. It should be checked that the duplicated question is identical to the previous one.
2050	Development	Feedback	Feature	Urgent		Testing tool - Sprint5 Request List - Bullent n.8	<p>User access differrentiation</p> <p>NOTE: it should be discussed the mangement mechanisms of permits applicable to Testing tool</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2051	Development	Estimated	Feature	Urgent	220.00	Testing tool - Sprint5 Request List - Bullet n.9	Stand alone test viewer implementation NOTE: TO BE IMPLEMENTED
1859	Development	Estimated	Bugfix	Urgent	8.00	Testing tool - Sprint 5 Request List - Bullet n.10	To keep the initial dimensions of the media when they are uploaded to the platform
1860	Development	Estimated	Feature	Urgent	56.00	Testing tool - Sprint 5 Request List - Bullet n.11	To improve accessibility to the media and tests by allowing the creation of folders and subfolders
1861	Development	Closed	Bugfix	Less Urgent	32.00	Testing tool - Sprint 5 Request List - Bullet n.12	On the LogIn window, the password return button does not work.
1862	Development	Estimated	Bugfix	Less Urgent	4.00	Testing tool - Sprint 5 Request List - Bullet n.13	On the TEST LIST page (see the linked document), the View button does not work (the same function is performed by the eye button on the TEST LIST page). If the View button on the TEST LIST page is redundant, it must be removed.
1863	Development	Closed	Bugfix	Less Urgent	30.00	Testing tool - Sprint 5 Request List - Bullet n.14	The preview of a specific question should be implemented by clicking on the magnifying glass icon which is one of the 4 icons present in the "Question" square (see the linked document). So far, clicking on it nothing happens.
1864	Development	Estimated	Feature	Less Urgent	12.00	Testing tool - Sprint 5 Request List - Bullet n.15	It should be set a maximum limit to the number of times a user who executes a test can view a certain video.
1865	Development	Estimated	Bugfix	Less Urgent	4.00	Testing tool - Sprint 5 Request List - Bullet n.16	The icons should be always of the same shape according to its functionality. For instance, the saving icons should always be a classic disk, and not once a disk and another a cloud.

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
1866	Development	Closed	Feature	Less Urgent	12.00	Testing tool - Sprint 5 Request List - Bullet n.17	Media and test list should be sorted in alphabetical order.
1867	Development	Estimated	Feature	Less Urgent	32.00	Testing tool - Sprint 5 Request List - Bullet n.18	The "search test" function inside the TEST LIST page should be implemented.
1868	Development	Under estimation	Feature	Less Urgent		Testing tool - Sprint 5 Request List - Bullet n.19	To implement the possibility to prevent a user from selecting more than one object in the slides, without viewing immediately the next slide when selecting an object (such as radiobutton for images vs. checkbutton).
2052	Development	Under estimation	Bugfix	Urgent		Testing tool - Sprint5 Request List - Added Request	It may happen that a clickable area ends * below *, and not * above *, the image to which it is applied, and then clicking on it nothing happens

4.2.4. Streaming Tool

a. Administrator Requirements

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2028	Development	Under estimation	Feature	Urgent		Streaming tool - Requirement PLT-RQ-ADM-1	The web platform should provide an Administrator Dashboard. NOTE: IMPLEMENTED for Access Right and Profiling (Home->admin). To be completed with Visitor tracking and reporting because the public area isn't implemented and no visitor registration form exists.
2029	Development	Under estimation	Feature	Urgent		Streaming tool - Requirement PLT-RQ-ADM-2	The Administrator Dashboard should feature a user-friendly interface. NOTE: IMPLEMENTED for Access Right and Profiling (Home->admin). To be completed with Visitor tracking and reporting.
2030	Development	Under estimation	Feature	Urgent		Streaming tool - Requirement PLT-RQ-ADM-3	The web platform should allow Administrator to accept/decline user account registrations through the Dashboard. NOTE: The Accept/decline feature is implemented. The registration feature isn't implemented.
2031	Development	Closed	Feature	Urgent	0	Streaming tool - Requirement PLT-RQ-ADM-4	The web platform should return to the Dashboard the list of confirmed/denied/pending account registration. NOTE: IMPLEMENTED. (Home->admin).
2032	Development	Feedback	Feature	Urgent		Streaming tool - Requirement PLT-RQ-ADM-5	The web platform should allow Administrator to check, through the Dashboard, the status of a user's request. NOTE: The registration feature is not implemented, as the platform can be accessed just by specific persons; so far, the Administrator creates a new user and then a test can be submitted. So, it is not clear the list of possible user's request

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2033	Development	Under estimation	Feature	Urgent		Streaming tool - Requirement PLT-RQ-ADM-6	<p>The web platform should allow Administrator to define, through the Dashboard, multiple authorization profiles with different sets of permissions.</p> <p>NOTE: IMPLEMENTED. (Home->admin). There are 3 predefined permission set: "Administrator", "Content provider" and "Viewer user". The "visitor" permission rule profile will be created when the public area will be realized. The profile form must be implemented.</p>
2034	Development	Closed	Feature	Urgent	0	Streaming tool - Requirement PLT-RQ-ADM-7	<p>The web platform should allow Administrator to associate, through the Dashboard, a user with a specific authorization profile.</p> <p>NOTE: IMPLEMENTED. (Home->admin)</p>
2035	Development	Under estimation	Feature	Urgent		Streaming tool - Requirement PLT-RQ-ADM-8	<p>The web platform should provide for the integration to Google Analytics and/or equivalent free website statistics module for visitor tracking.</p> <p>NOTE: This feature will be implemented with the public area.</p>
2036	Development	Under estimation	Feature	Urgent		Streaming tool - Requirement PLT-RQ-ADM-9	<p>The web platform should allow Administrator to view on the Dashboard the following users' information: Username, Email, Organization, Date of registration request, Date of registration confirmation.</p> <p>NOTE: The Administration dashboard has the following user information: Name, Surname, email, profile, status. The rest of the user information will be added with the public form registration.</p>

b. Content Provider Requirements

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2037	Development	Feedback	Feature	Urgent		Streaming tool - Requirement AOS-RQ-CPR-1	<p>The Old Signers Digital Archive Module should manage several profiles that may upload content and their access rights to enter contents on the module.</p> <p>NOTE: PARTIALLY IMPLEMENTED. The profile module is implemented. The rights for the profiles must be defined to complete the implementation.</p>
2038	Development	Under estimation	Feature	Urgent		Streaming tool - Requirement AOS-RQ-CPR-2	<p>The Old Signers Digital Archive Module should provide the following types of supporting materials to help content provider with middle-high computer skills to upload and manage contents:</p> <ul style="list-style-type: none"> - Manual of use in text format (.pdf); - Short training videos; - Tool tips; - Tutorial on how to upload material. <p>NOTE: PARTIALLY IMPLEMENTED. The Manual is in 1st release. The tooltip must be implemented and contents defined. The Video must be created. The tutorial must be created.</p>
2039	Development	Feedback	Feature	Urgent		Streaming tool - Requirement AOS-RQ-CPR-3	<p>The Old Signers Digital Archive Module should allow the content provider to upload the video file formats defined in the deliverable D3.11 Standards and protocols for visual materials.</p> <p>NOTE: TO BE IMPLEMENTED. The Backend feature is to be developed and is waiting the external content platform API (CLARIN).</p>
2040	Development	Feedback	Feature	Urgent		Streaming tool - Requirement AOS-RQ-CPR-4	<p>The Old Signers Digital Archive Module should allow content provider to upload image files.</p> <p>NOTE: PARTIALLY IMPLEMENTED. The web feature is implemented. The Backend feature is to be developed and is waiting the external content platform API (CLARIN).</p>

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2041	Development	Feedback	Feature	Urgent		Streaming tool - Requirement AOS-RQ-CPR-5	The Old Signers Digital Archive Module should allow content provider to upload audio files. NOTE: PARTIALLY IMPLEMENTED. The web feature is implemented. The Backend feature is to be developed and is waiting the external content platform API (CLARIN).
2042	Development	Feedback	Feature	Urgent		Streaming tool - Requirement AOS-RQ-CPR-6	The Old Signers Digital Archive Module should allow content provider to upload subtitling files. NOTE: TO BE IMPLEMENTED. The Backend feature is to be developed and is waiting the external content platform API (CLARIN).
2043	Development	Feedback	Feature	Urgent		Streaming tool - Requirement AOS-RQ-CPR-7	The Old Signers Digital Archive Module should allow content provider to upload links to other websites. NOTE: TO BE IMPLEMENTED. The Backend feature is to be developed and is waiting the external content platform API (CLARIN).
2044	Development	Feedback	Feature	Urgent		Streaming tool - Requirement AOS-RQ-CPR-8	The Old Signers Digital Archive Module should allow content provider to upload text. NOTE: TO BE IMPLEMENTED. The Backend feature is to be developed and is waiting the external content platform API (CLARIN).
2045	Development	Feedback	Feature	Urgent		Streaming tool - Requirement AOS-RQ-CPR-9	The Old Signers Digital Archive Module should provide an easy to use rich-text content editor. NOTE: TO BE IMPLEMENTED. The Backend feature is to be developed and is waiting the external content platform API (CLARIN).
2046	Development	Feedback	Feature	Urgent		Streaming tool - Requirement AOS-RQ-CPR-10	The Old Signers Digital Archive Module should provide accessibility to the documentaries and the single parts/interviews which it is composed. NOTE: TO BE IMPLEMENTED. The Backend feature is to be developed and is waiting the external content platform API (CLARIN).
2049	Development	Feedback	Feature	Urgent		Streaming tool - Requirement AOS-RQ-CPR-11	The Old Signers Digital Archive Module should allow the search across the videos. NOTE: PARTIALLY IMPLEMENTED. The web feature is implemented. The Backend feature is to be developed and is waiting the content platform API (CLARIN).

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2048	Development	Estimated	Feature	Urgent	8.00	Streaming tool - Requirement AOS-RQ-CPR-12	The Old Signers Digital Archive Module should allow the extension of the digital archive module to other languages, providing new dedicated pages for these languages. NOTE: TO BE IMPLEMENTED.
2047	Development	Feedback	Feature	Urgent		Streaming tool - Requirement AOS-RQ-CPR-13	The Old Signers Digital Archive Module should provide a repository for a scanned version of the consent form for interviews. NOTE: TO BE IMPLEMENTED. The Backend feature is to be developed and is waiting the external content platform API (CLARIN).

c. End-User Requirements

Id	Tracker	Status	Type	Priority	Effort (h)	Object	Description
2053	Development	Closed	Feature	Urgent	0	Streaming tool - Requirement AOS-RQ-USR-1	The Digital Archive of Old Signers Module should be easy to use by users with basic computer literacy. NOTE: IMPLEMENTED
2054	Development	Closed	Feature	Urgent	0	Streaming tool - Requirement AOS-RQ-USR-2	The Digital Archive of Old Signers Module should support content in multiple languages. NOTE: IMPLEMENTED
2055	Development	Feedback	Feature	Urgent		Streaming tool - Requirement AOS-RQ-USR-3	The Digital Archive of Old Signers Module main page should provide a brief description of the module. NOTE: The main page will be created when the tool will be public. Brief description must be defined.
1828	Development	Estimated	Feature	Urgent	8.00	Streaming tool - Requirement AOS-RQ-USR-4	The Digital Archive of Old Signers Module main page should provide a simple guide (text and video guide) on how to use the module. NOTE: the video guide will be provided when the tool is more stable
2056	Development	Feedback	Feature	Urgent		Streaming tool - Requirement AOS-RQ-USR-5	The Digital Archive of Old Signers Module should allow end user to search across the videos. NOTE: PARTIALLY IMPLEMENTED. The web feature is implemented. The Backend feature is to be developed and is waiting the content platform API (CLARIN).