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Abstract	This document is intended as a technical annex to D4.1.2 and is distributed with the Open Online Tool (OOT), as release notes to the web-based ICT solution (result R-V). The OOT is tested and approved against the specifications provided by the development team under WP4, T4.1, D4.1.1.
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Keywords	Open Online Tool, Web-based ICT solution, Practice Sharing, Case Study, Recognition of Prior Learning, Assessment, Personalization, Collaboration, Communication, Nursing
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Signatures

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Executive summary

This document is intended as a technical annex to D4.1.2 (M17) and is distributed with the Open Online Tool (OOT), as release notes to the web-based ICT solution (result R-V). The OOT is tested and approved against the specifications provided by the development team under WP4, T4.1, D4.1.1.

The Open Online Tool (OOT) is produced within WP4 under Task 4.1. It is a web-based application for nurses enabling them to access and share documents, discuss practices, comment on case studies, etc. The OOT also supports social networking and communication with chats, forums, etc. It is in English and supports a Multilanguage interface (Finnish, Greek, and Italian). The OOT is a public resource and will remain available for (at least) 12 months after the project ends.

In the following sections, the online availability features of the OOT and its major processes are described.

The Open Online Tool

The Open Online Tool (OOT) is produced within WP4 under Task 4.1. It is a web-based application for nurses enabling them to access and share documents, discuss practices, comment on case studies, etc. The OOT also supports social networking and communication with chats, forums, etc. It is in English and supports a Multilanguage interface (Finnish, Greek, and Italian). The OOT is a public resource and will remain available for (at least) 12 months after the project ends.

Online availability

TEI of Crete is hosting the platform at:

- <https://oot.enhance-fcn.eu/> (LMS → **OOT Courses**) (see Figure 1)
- <https://oot.enhance-fcn.eu/community> (e-portfolio --> **OOT Community**) (see Figure 2)

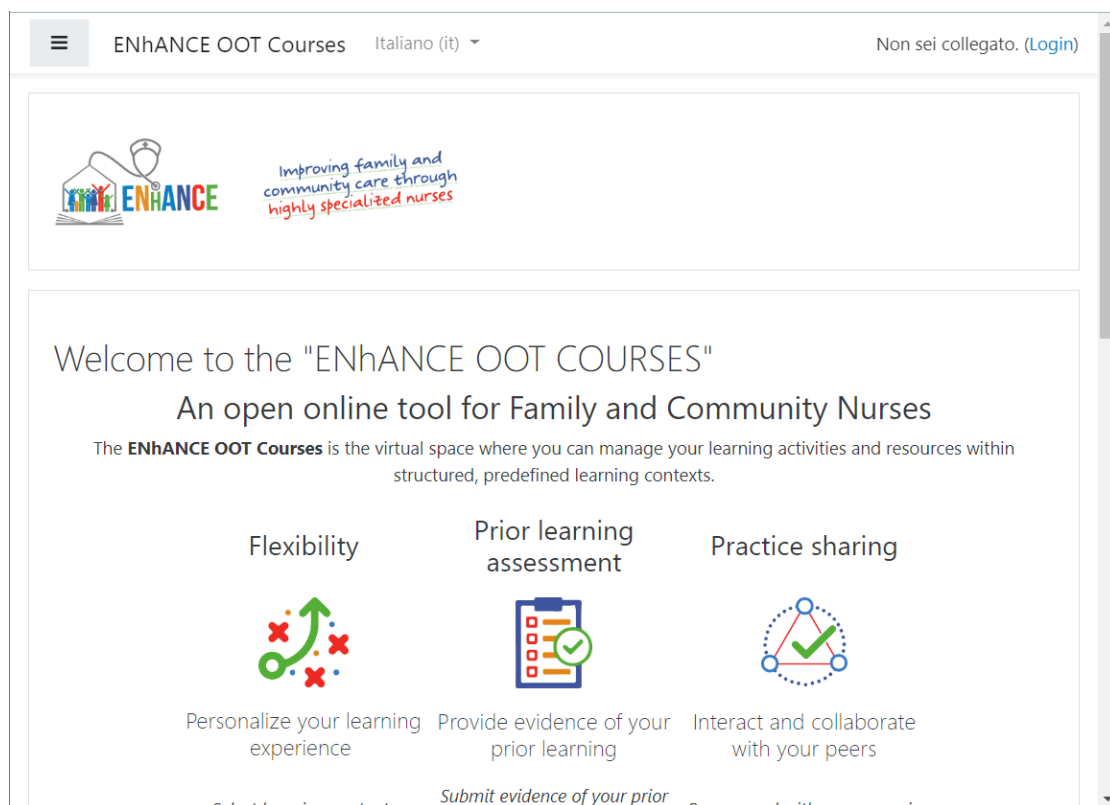


Figure 1 - OOT Courses – Home page

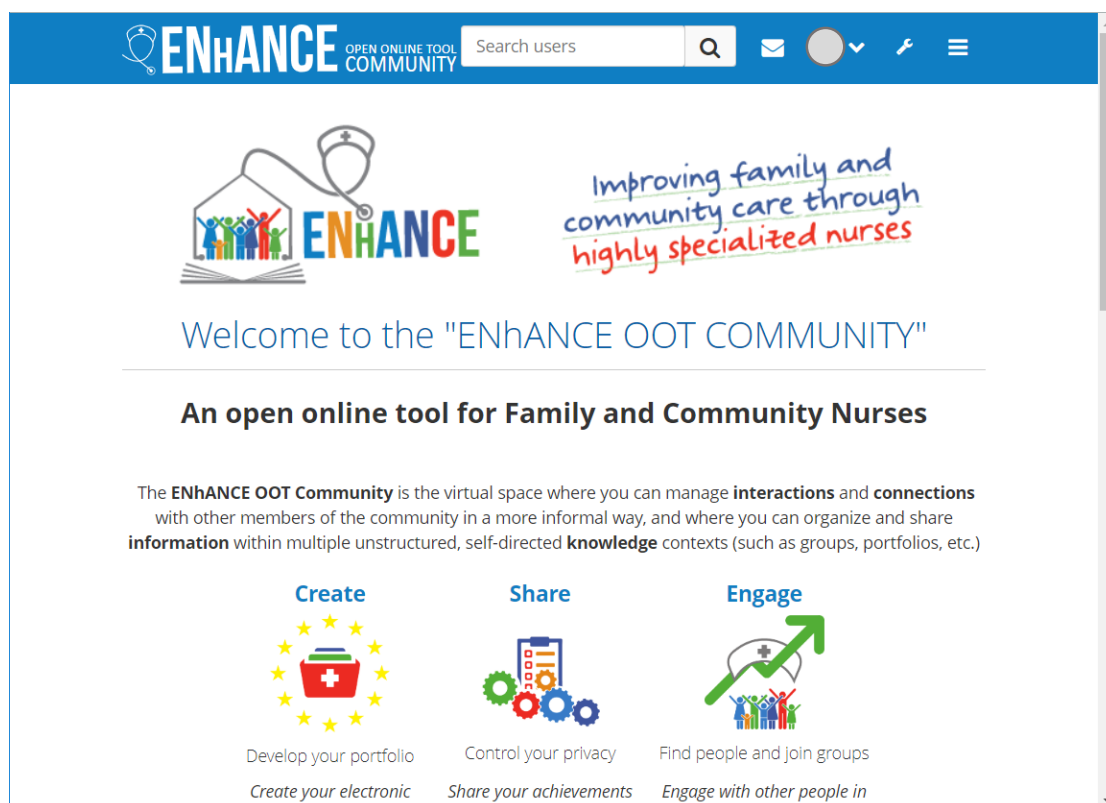


Figure 2 - OOT Community – Home page

OOT within the framework of WP4

The aim of WP4 is to bridge the gap between the abstract level of the curriculum (WP3) and the actual pilots (WP5). For that reason, in Task 4.1 the development of an Open Online Tool (OOT) took place. The tool supports all learning activities proposed to nurses during national pilot courses (WP5) and facilitate discussing various case studies and sharing practice.

In deliverable 4.1.1 requirements analysis, activities carried out in order to develop the OOT and analysis of existing open source software have been presented.

By the end of Task 4.1 (M17 of the Project, which is May 2019), an operational version of the OOT (deliverable 4.1.2) has been released. The tool has been developed in accordance to deliverable D4.1.1.

Major processes of the OOT

A list of major processes of the OOT was presented in D4.1.1. This list consists of the following processes:

- Authentication / registration
- Practice sharing
- Personalization / flexibility of the learning path
- Recognition of Prior Learning (RPL)
- Assessment (based on other data)
- Collaboration / communication facilities

- User profile

Authentication / registration

This process consists of the following functionalities (and related tools) of the OOT:

- Authentication
 - Manual accounts - accounts are created manually by administrator.
 - E-mail-based self-registration - for enabling users to create their own accounts.
 - Single Sign On / Web services authentication for integration.
- Registration / Enrolment
 - Platform/program registration
 - Course registration
- Personalized dashboards
 - Trainee's, educator's, administrator's

Practice sharing

This process consists of the following functionalities (and related tools) of the OOT:

- Interactions and collaboration between trainees and trainers
 - Offers tools for practice sharing-based learning activities.
Assignments; Forum; Wiki; Workshop (self/peer assessment)
- Contextualized active learning tasks among trainees
 - Provides facilities to propose and create/initiate contextualized active learning activities.
Wiki; Glossary
- Gamification mechanics and elements
 - Supports trainees' motivation and engagement in the learning process (gain point, leaderboard, customized levels, report on achievements, etc.).

Gamification subsystems (plugins: Level Up!; Nurse Sally's 4C Dashboard)

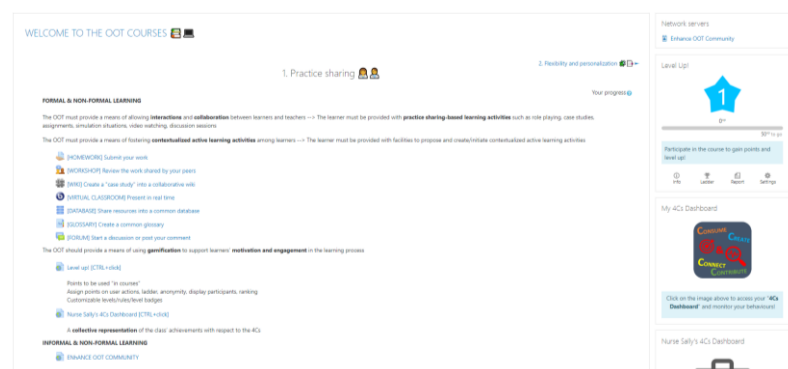


Figure 3 - OOT Courses – Practice sharing (example)

Personalization

This process consists of the following functionalities (and related tools) of the OOT:

- Flexibility on delivering learning to support personalization
 - Choice of multiple formats of courses, lessons or learning paths.
Group choice; Restricted access
- Multi-modal contents to allow personalization
 - Trainers can deliver multi-modal learning contents to meet different learning styles.
Support storing and viewing various files format
- Self-regulation of the learning process
 - Promotes self-regulation of the learning process and autonomy among trainees (individually and socially) and enables/supports meta-cognitive reflection about the learning process.
Plugin: My 4Cs Dashboard; quizzes

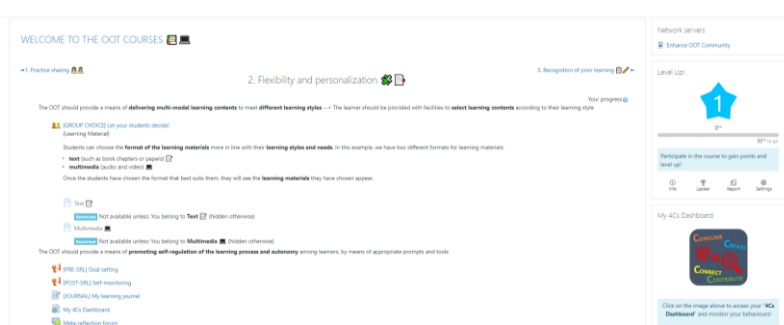


Figure 4 - OOT Courses – Personalization (example)

Recognition of Prior Learning (RPL)

This process consists of the following functionalities (and related tools) of the OOT:

- Recognition of prior learning (by the trainer and/or peers)
 - Trainees can provide evidence of their learning outside the formal contexts (obtained formally or not).
Competencies, Learning plans
 - Trainer can decrease workload by manually setting the completion of an activity and/ or of a course, once she/he recognizes trainee's PL.
Activity completion, Course completion
- Provision of evidence of prior learning [non-formal, informal]

- Trainees can upload evidence of prior learning and link that evidence with Learning Outcomes for reviewing.
- Trainers can view trainees' evidence of prior learning and review learning outcomes.

Competencies; Learning plans; e-portfolio

The screenshot displays the 'Recognition of prior learning' section of the OOT Courses interface. The top part shows a list of courses with a table containing columns for 'Course ID', 'Course Name', 'Course Description', and 'Course Status'. Below this, there is a section titled 'Evidence of prior learning' with a sub-section 'Add new evidence'. This section contains a form with fields for 'Name', 'Description', 'URL', and 'File'. The 'File' field has a 'Choose File' button and a 'Cancel' button. An orange arrow points from the 'Evidence of prior learning' section to the 'Add new evidence' form.

Figure 5 - OOT Courses – Recognition of Prior Learning (example)

Assessment

This process consists of the following functionalities (and related tools) of the OOT:

- Assessment of online activities [formal]
 - Grading individual assignments. Environment for submitting work for trainers to grade and give feedback on.
Homework
 - Peer assessment. Learners submit their own work and then receive submissions from other students which they must assess according to the trainer's specifications.
Workshop
 - Quiz creation. The trainer is provided with facilities to design and build quizzes consisting of a large variety of question types.
 - Grading. Trainers access a space where all course grades are collated. Trainees can view their own grades.
Grader report / gradebook
- Tracking of online activities / courses
 - Provides means of setting activities and/or courses as complete.

- Trainers can set activities/course as complete or set the conditions / criteria for the completion and get report about trainees' results.
- Trainees can either mark an activity as complete manually or the item will automatically be registered as complete once a trainee has met the specified criteria. Trainees can see their progress during the course.

Activity completion / course completion

- Technology-enhanced tracking progress and engagement
 - Monitoring trainees' engagement.

Learning analytics; Reports

- Learners can export their work to an external portfolio.
- Recognizing learning with respect to Learning Outcomes' assessment.
 - The trainees are provided with facilities to represent levels of learning outcomes achieved.

Digital Badges (see Figure 7)

- Course / activities outline
 - Tutors can create and/or upload effective course/activities outline and course overview.

Uploading file or create page

- Course / activities reports (logs, statistics)
 - Tutors can create various reports (LO-based, course activity, participation etc.) and generate graphs and tables of user activity.

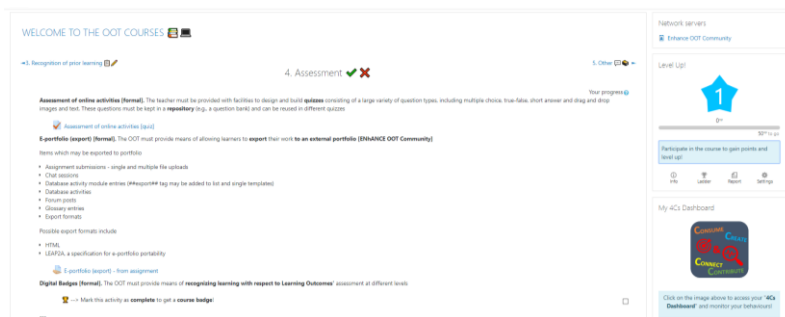


Figure 6 - OOT Courses – Assessment (example)

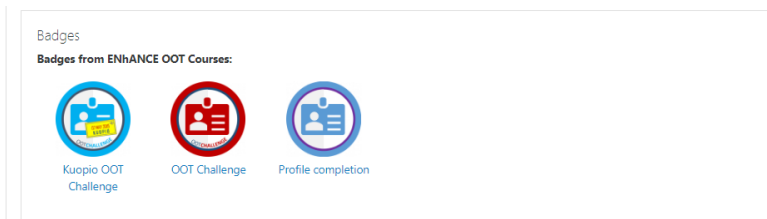


Figure 7 - OOT Courses – Digital Badges (example)

Collaboration & Communication

This process consists of the following functionalities (and related tools) of the OOT:

- The OOT supports collaboration and communication among trainees and between trainers and trainees.
 - The trainee can to chronologically organize series of postings.
Blog facility
 - Both the trainee and the trainer can have real-time synchronous discussions in a course.
Provision of chatting and web conferencing facilities
 - Both the trainee and the trainer can exchange ideas by posting comments as part of a thread. Files such as images and media may be included in forum posts. The trainer can choose to rate forum posts and it is also possible to give students permission to rate each other's posts.
Forum facility
 - Trainers, trainees and other users can send and receive online private messages.
Messaging / notifications
- Group creation capability for collaborative learning activities and work.
 - Trainer can create groups of students for assigning specific tasks or accomplishment of specific activities: managing groups, posting (timeline/stream), messaging/notifications etc.
 - Trainer can filter trainees' activities and gradebook, so she/he only see one class at a time, within a course where there are have several classes.
 - The trainer is provided with facilities to filter trainees' activities and gradebook, so she/he don't see the students from other colleagues' classes, when sharing a course with other trainers.
 - Trainers can allocate a particular activity, resource or topic section to just one class or set of users, so that others are not able to see it.



Figure 8 - OOT Courses – Collaboration & Communication (example)

User profile

This process consists of the following functionalities (and related tools) of the OOT:

- User can access a cover page
- Edit basic contact info
- Add / change a photo
- Edit various demographic info
- Visibility options. Set visibility options
- Password management
- Have a e-portfolio. E-Portfolios make it easy for trainees to export their work to external portfolio

Other capabilities

This process consists of the following functionalities (and related tools) of the OOT:

- Announcements and news. The trainer can create and post general news and announcements in the site and / or inside her / his course.
- Polls. The trainer can create simple student polls for:
 - asking a question and specify a choice of multiple responses,
 - conducting surveys to collect feedback,
 - gathering data from students to help (trainers) learn about their class and reflect on their own teaching.
- File system repository
 - The trainee is provided with facilities to upload and share files which have been uploaded into designated folders on the server.
 - The trainer can set up a repository inside a course.

Testing / Debugging

A preliminary release of the OOT is already available and it is going under an iterative process of “testing & debugging”, as described in the development process (see D4.1.1, section 3.2, pages 17-18). A first evaluation through user feedback interaction was also carried out internally, during the Project Meeting in Kuopio, Finland, on May 7th, 2019, by means of two surveys. Such surveys are part of the activities of WP6, Task 6.3 and will be specifically described and analyzed there. In this document, we only present the surveys and the responses collected (see Appendix 1 and Appendix 2).

Deployment / maintenance

The preliminary release of the OOT is currently used for the hosting the e-learning path for the VET teachers (WP4 – T4.2). Under WP5, the OOT will support the 3 pilots (WP5). TEI of Crete will take care of the maintenance services both integrated systems. The platform will be up and running for 12 months after the end of the project.

Appendix 1

OOT evaluation - questionnaire for teachers (t1)

In the following, the survey administered to the “Teachers” users is presented.

Dear Teachers,

you have been involved in the Enhance project and in particular in the evaluation of the Open Online Tools. To this purpose we kindly invite you to answer to this questionnaire by providing your opinion about some proposed sentences.

Thanks in advance for the support.

There are 16 questions in this survey

Personal Data

General participant information

[]Please select your choice

Please choose **only one** of the following:

☐ Female

☐ Male

[]Please indicate your nationality *

Choose one of the following answers

Please choose **only one** of the following:

☐ Finnish

☐ Greek

☐ Italian

☐ Other

[]Please indicate your age

Choose one of the following answers

Please choose **only one** of the following:

☐ Up to 30

☐ from 31 to 40

☐ from 41 to 50

☐ from 51 to 60

☐ over 60

[]Please indicate the total number of years teaching *

Choose one of the following answers

Please choose **only one** of the following:

☐ 0 to 1

☐ 1 to 5

☐ 5 to 10

☐ 10 to 20

☐ More than 20

☐ Other

Subjective Norm

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
The coordinator of the course think I should use the OOT as much as possible	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The other Pilot Teachers think I should use the OOT as much as possible	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Voluntariness

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
It is my choice whether I use the OOT in the pilot course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am given the freedom to choose whether or not I use the OOT in the pilot course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am given the freedom to choose which component of the OOT to use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Image

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
The coordinator of the course and the other teachers will think highly of me if I use the OOT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If the coordinator of the course suggests to use the OOT it might be useful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Job Relevance

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
The use of OOT is pertinent to my teaching practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT implements functionalities which support teaching strategies and methods I usually adopt as teacher	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT supports more teaching strategies and methods than I usually adopt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Output Quality

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
The output of the OOT use improves the quality to my teaching practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The main functionalities of the OOT will improve my teaching performance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Result Demonstrability

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
Results of using the OOT are tangible and clearly identifiable in my teaching practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Computer self-efficacy

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
When I have to use a computer program I usually don't have any problem	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using a new computer program doesn't require to me too much effort	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Computer Anxiety

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
I avoid using computers whenever I can	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When I have to use a computer I feel stressed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Computer Playfulness

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
I enjoy myself discovering/surfing new computer programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Perceptions of External Control

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
I'm aware how to receive support to overcome any difficulty with OOT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Perceived Usefulness

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
The OOT functionalities supporting community engagement is useful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT functionalities allowing interactions and collaboration will facilitate me in promoting practice sharing-based learning activities among students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT functionalities delivering multi-modal learning contents to meet different learning styles are useful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT functionalities supporting the assessment of students' prior (formal, non-formal and informal) learning are useful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT functionalities supporting the assessment and the tracking of learning activities will help me in providing students with effective feedbacks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Perceived Ease of Use

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
The OOT main functionalities are easy to use for me.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT "database activity" functionality for building, displaying and searching a bank of record entries is easy to use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT "group activity" functionality is easy to use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Submitting an assignment in the OOT is easy.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT "Community assignment submission" functionality for selecting one of the portfolio pages or collections and for submitting it within a course is easy to use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT "grader report" functionality for tracking the progress of students by collecting graded items is easy to use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Creating a new thread or answering to an existing post on the OOT forum is easy.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attending the OOT "Webinar" is easy.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Answering a quiz in the OOT is easy.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The survey has been completed.

Thanks for the collaboration.

Submit your survey.
Thank you for completing this survey.

Responses

In the following, the responses collected during the Project Meeting in Kuopio, Finland, on May 7th, 2019 with respect to the survey administered to the "Teachers" users are presented.

Number of records in this query:

10

Total records in survey:

10

Percentage of total:

100,00%

Field summary for A01

Please select your choice

Answer	Count	Percentage
Female (F)	5	50,00%
Male (M)	4	40,00%
No answer	1	10,00%
Not displayed	0	0,00%

Field summary for B01

Please indicate your nationality

Answer	Count	Percentage
Finnish (A1)	3	30,00%
Greek (A2)	4	40,00%

Italian (A3)	3	30,00%
Other	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

ID Response

Field summary for C01
Please indicate your age

Answer	Count	Percentage
Up to 30 (A1)	0	0,00%
from 31 to 40 (A2)	3	30,00%
from 41 to 50 (A3)	3	30,00%
from 51 to 60 (A4)	3	30,00%
over 60 (A5)	0	0,00%
No answer	1	10,00%
Not displayed	0	0,00%

Field summary for A104
Please indicate the total number of years teaching

Answer	Count	Percentage
0 to 1 (A1)	1	10,00%
1 to 5 (A2)	2	20,00%
5 to 10 (A3)	0	0,00%
10 to 20 (A4)	4	40,00%
More than 20 (A5)	3	30,00%
Other	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

ID Response

Field summary for A02(A1)

[The coordinator of the course think I should use the OOT as much as possible]

Answer	Count	Percentage
Strongly Agree (A1)	4	40,00%
Agree (A2)	6	60,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A5)	0	0,00%
Strongly Disagree (A4)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A02(A2)

[The other Pilot Teachers think I should use the OOT as much as possible]

Answer	Count	Percentage
--------	-------	------------

Strongly Agree (A1)	4	40,00%
Agree (A2)	4	40,00%
Neither Agree Nor Disagree (A3)	2	20,00%
Disagree (A5)	0	0,00%
Strongly Disagree (A4)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A03(SQ301)

[It is my choice whether I use the OOT in the pilot course]

Answer	Count	Percentage
Strongly Agree (A1)	1	10,00%
Agree (A2)	5	50,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	3	30,00%
Strongly Disagree (A5)	1	10,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A03(SQ302)

[I am given the freedom to choose whether or not I use the OOT in the pilot course]

Answer	Count	Percentage
Strongly Agree (A1)	1	10,00%
Agree (A2)	4	40,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	4	40,00%
Strongly Disagree (A5)	0	0,00%
No answer	1	10,00%
Not displayed	0	0,00%

Field summary for A03(SQ303)

[I am given the freedom to choose which component of the OOT to use]

Answer	Count	Percentage
Strongly Agree (A1)	1	10,00%
Agree (A2)	7	70,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	1	10,00%
No answer	1	10,00%
Not displayed	0	0,00%

Field summary for A04(SQ401)

[The coordinator of the course and the other teachers will think highly of me if I use the OOT]

Answer	Count	Percentage
Strongly Agree (A1)	1	10,00%
Agree (A2)	6	60,00%

Neither Agree Nor Disagree (A3)	1	10,00%
Disagree (A4)	2	20,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A04(SQ402)

[If the coordinator of the course suggests to use the OOT it might be useful]

Answer	Count	Percentage
Strongly Agree (A1)	3	30,00%
Agree (A2)	6	60,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	1	10,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A05(SQ501)

[The use of OOT is pertinent to my teaching practice]

Answer	Count	Percentage
Strongly Agree (A1)	2	20,00%
Agree (A2)	8	80,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A05(SQ502)

[The OOT implements functionalities which support teaching strategies and methods I usually adopt as teacher]

Answer	Count	Percentage
Strongly Agree (A1)	4	40,00%
Agree (A2)	4	40,00%
Neither Agree Nor Disagree (A3)	2	20,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A05(SQ503)

[The OOT supports more teaching strategies and methods than I usually adopt]

Answer	Count	Percentage
Strongly Agree (A1)	3	30,00%
Agree (A2)	4	40,00%
Neither Agree Nor Disagree (A3)	2	20,00%
Disagree (A4)	1	10,00%

Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A06(SQ601)

[The output of the OOT use improves the quality to my teaching practice]

Answer	Count	Percentage
Strongly Agree (A1)	3	30,00%
Agree (A2)	7	70,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A06(SQ602)

[The main functionalities of the OOT will improve my teaching performance]

Answer	Count	Percentage
Strongly Agree (A1)	2	20,00%
Agree (A2)	8	80,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A07(SQ701)

[Results of using the OOT are tangible and clearly identifiable in my teaching practice]

Answer	Count	Percentage
Strongly Agree (A1)	1	10,00%
Agree (A2)	7	70,00%
Neither Agree Nor Disagree (A3)	2	20,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A08(SQ801)

[When I have to use a computer program I usually don't have any problem]

Answer	Count	Percentage
Strongly Agree (A1)	4	40,00%
Agree (A2)	3	30,00%
Neither Agree Nor Disagree (A3)	3	30,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A08(SQ802)

[Using a new computer program doesn't require to me too much effort]

Answer	Count	Percentage
Strongly Agree (A1)	3	30,00%
Agree (A2)	4	40,00%
Neither Agree Nor Disagree (A3)	1	10,00%
Disagree (A4)	2	20,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A09(SQ901)

[I avoid using computers whenever I can]

Answer	Count	Percentage
Strongly Agree (A1)	0	0,00%
Agree (A2)	0	0,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	4	40,00%
Strongly Disagree (A5)	6	60,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A09(SQ902)

[When I have to use a computer I feel stressed]

Answer	Count	Percentage
Strongly Agree (A1)	0	0,00%
Agree (A2)	0	0,00%
Neither Agree Nor Disagree (A3)	1	10,00%
Disagree (A4)	3	30,00%
Strongly Disagree (A5)	6	60,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A10(SQ101)

[I enjoy myself discovering/surfing new computer programs]

Answer	Count	Percentage
Strongly Agree (A1)	4	40,00%
Agree (A2)	2	20,00%
Neither Agree Nor Disagree (A3)	2	20,00%
Disagree (A4)	2	20,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A11(SQ111)

[I'm aware how to receive support to overcome any difficulty with OOT]

Answer	Count	Percentage
Strongly Agree (A1)	3	30,00%
Agree (A2)	5	50,00%
Neither Agree Nor Disagree (A3)	2	20,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A12(SQ121)

[The OOT functionalities supporting community engagement is useful]

Answer	Count	Percentage
Strongly Agree (A1)	3	30,00%
Agree (A2)	7	70,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A12(SQ122)

[The OOT functionalities allowing interactions and collaboration will facilitate me in promoting practice sharing-based learning activities among students]

Answer	Count	Percentage
Strongly Agree (A1)	3	30,00%
Agree (A2)	6	60,00%
Neither Agree Nor Disagree (A3)	1	10,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A12(SQ123)

[The OOT functionalities delivering multi-modal learning contents to meet different learning styles are useful]

Answer	Count	Percentage
Strongly Agree (A1)	2	20,00%
Agree (A2)	7	70,00%
Neither Agree Nor Disagree (A3)	1	10,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A12(SQ124)

[The OOT functionalities supporting the assessment of students' prior (formal, non-formal and informal) learning are useful]

Answer	Count	Percentage	
Strongly Agree (A1)	3	30,00%	
Agree (A2)	6	60,00%	
Neither Agree Nor Disagree (A3)	1	10,00%	
Disagree (A4)	0	0,00%	
Strongly Disagree (A5)	0	0,00%	
No answer	0	0,00%	
Not displayed	0	0,00%	

Field summary for A12(SQ125)

[The OOT functionalities supporting the assessment and the tracking of learning activities will help me in providing students with effective feedbacks]

Answer	Count	Percentage	
Strongly Agree (A1)	4	40,00%	
Agree (A2)	5	50,00%	
Neither Agree Nor Disagree (A3)	1	10,00%	
Disagree (A4)	0	0,00%	
Strongly Disagree (A5)	0	0,00%	
No answer	0	0,00%	
Not displayed	0	0,00%	

Field summary for A13(SQ131)

[The OOT main functionalities are easy to use for me.]

Answer	Count	Percentage	
Strongly Agree (A1)	3	30,00%	
Agree (A2)	6	60,00%	
Neither Agree Nor Disagree (A3)	1	10,00%	
Disagree (A4)	0	0,00%	
Strongly Disagree (A5)	0	0,00%	
No answer	0	0,00%	
Not displayed	0	0,00%	

Field summary for A13(SQ132)

[The OOT "database activity" functionality for building, displaying and searching a bank of record entries is easy to use.]

Answer	Count	Percentage	
Strongly Agree (A1)	2	20,00%	
Agree (A2)	5	50,00%	
Neither Agree Nor Disagree (A3)	2	20,00%	
Disagree (A4)	0	0,00%	
Strongly Disagree (A5)	0	0,00%	
No answer	1	10,00%	
Not displayed	0	0,00%	

Field summary for A13(SQ133)

[The OOT “group activity” functionality is easy to use.]

Answer	Count	Percentage
Strongly Agree (A1)	3	30,00%
Agree (A2)	4	40,00%
Neither Agree Nor Disagree (A3)	2	20,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	1	10,00%
Not displayed	0	0,00%

Field summary for A13(SQ134)

[Submitting an assignment in the OOT is easy.]

Answer	Count	Percentage
Strongly Agree (A1)	3	30,00%
Agree (A2)	4	40,00%
Neither Agree Nor Disagree (A3)	2	20,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	1	10,00%
Not displayed	0	0,00%

Field summary for A13(SQ135)

[The OOT “Community assignment submission” functionality for selecting one of the portfolio pages or collections and for submitting it within a course is easy to use.]

Answer	Count	Percentage
Strongly Agree (A1)	3	30,00%
Agree (A2)	3	30,00%
Neither Agree Nor Disagree (A3)	3	30,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	1	10,00%
Not displayed	0	0,00%

Field summary for A13(SQ136)

[The OOT “grader report” functionality for tracking the progress of students by collecting graded items is easy to use.]

Answer	Count	Percentage
Strongly Agree (A1)	3	30,00%
Agree (A2)	3	30,00%
Neither Agree Nor Disagree (A3)	3	30,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	1	10,00%
Not displayed	0	0,00%

Field summary for A13(SQ137)

[Creating a new thread or answering to an existing post on the OOT forum is easy.]

Answer	Count	Percentage
Strongly Agree (A1)	3	30,00%
Agree (A2)	4	40,00%
Neither Agree Nor Disagree (A3)	2	20,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	1	10,00%
Not displayed	0	0,00%

Field summary for A13(SQ138)

[Attending the OOT "Webinar" is easy.]

Answer	Count	Percentage
Strongly Agree (A1)	5	50,00%
Agree (A2)	4	40,00%
Neither Agree Nor Disagree (A3)	1	10,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A13(SQ139)

[Answering a quiz in the OOT is easy.]

Answer	Count	Percentage
Strongly Agree (A1)	5	50,00%
Agree (A2)	5	50,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Appendix 2

OOT evaluation - questionnaire for partners (t1)

In the following, the survey administered to the “Partners” users is presented.

Dear Partners,
in the framework of Task 6.3 you are kindly invited to answer to this questionnaire by providing your opinion about some proposed sentences.
Thanks in advance for the support.
There are 6 questions in this survey

Personal Data

General participant information

[] Please select your choice

Please choose only one of the following:

- ☐ Female
- ☐ Male

[] Please indicate your nationality *

Choose one of the following answers

Please choose only one of the following:

- ☐ Finnish
- ☐ Greek
- ☐ Italian
- ☐ Other

[] Please indicate your age

Choose one of the following answers

Please choose only one of the following:

- ☐ Up to 30
- ☐ from 31 to 40
- ☐ from 41 to 50
- ☐ from 51 to 60
- ☐ over 60

[] Please indicate the total number of years teaching *

Choose one of the following answers

Please choose only one of the following:

- ☐ 0 to 1
☐ 1 to 5
☐ 5 to 10
☐ 10 to 20
☐ More than 20
☐ Other

Perceived Usefulness

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
The OOT functionalities supporting community engagement is useful.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT functionalities allowing interactions and collaboration will facilitate me in promoting practice sharing-based learning activities among students.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT functionalities delivering multi-modal learning contents to meet different learning styles are useful.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT functionalities supporting the assessment of students' prior (formal, non-formal and informal) learning are useful.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT functionalities supporting the assessment and the tracking of learning activities will help me in providing students with effective feedbacks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Perceived Ease of Use

[]

Please choose the appropriate response for each item:

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
The OOT main functionalities are easy to use for me.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT "database activity" functionality for building, displaying and searching a bank of record entries is easy to use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT "group activity" functionality is easy to use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Submitting an assignment in the OOT is easy.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT "Community assignment submission" functionality for selecting one of the portfolio pages or collections and for submitting it within a course is easy to use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OOT "grader report" functionality for tracking the progress of students by collecting graded items is easy to use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Creating a new thread or answering to an existing post on the OOT forum is easy.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attending the OOT "Webinar" is easy.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Answering a quiz in the OOT is easy.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The survey has been completed.

Thanks for the collaboration.

Submit your survey.

Thank you for completing this survey.

Responses

In the following, the responses collected during the Project Meeting in Kuopio, Finland, on May 7th, 2019 with respect to the survey administered to the "Partners" users are presented.

Number of records in this query:	6
Total records in survey:	6
Percentage of total:	100,00%

Field summary for A01

Please select one of the following

Answer	Count	Percentage
Female (F)	4	66,67%
Male (M)	2	33,33%

No answer	0	0,00%
Not displayed	0	0,00%

Field summary for B01

Please indicate your nationality

Answer	Count	Percentage
Finnish (A1)	0	0,00%
Greek (A2)	2	33,33%
Italian (A3)	0	0,00%
Other	4	66,67%
No answer	0	0,00%
Not displayed	0	0,00%

ID

Response

Anonymized Belgian
Anonymized Romanian-Portuguese
Anonymized German
Anonymized German

Field summary for C01

Please indicate your age

Answer	Count	Percentage
Up to 30 (A1)	0	0,00%
from 31 to 40 (A2)	3	50,00%
from 41 to 50 (A3)	2	33,33%
from 51 to 60 (A4)	0	0,00%
over 60 (A5)	1	16,67%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A104

Please indicate

Answer	Count	Percentage
0 to 1 (A1)	2	33,33%
1 to 5 (A2)	0	0,00%
5 to 10 (A3)	1	16,67%
10 to 20 (A4)	0	0,00%
More than 20 (A5)	1	16,67%
Other	2	33,33%
No answer	0	0,00%
Not displayed	0	0,00%

ID

Response

Anonymized None
Anonymized Not teaching

Field summary for A12(SQ001)

[The OOT functionalities supporting community engagement is useful.]

Answer	Count	Percentage
Strongly Agree (A1)	2	33,33%
Agree (A2)	3	50,00%
Neither Agree Nor Disagree (A3)	1	16,67%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A12(SQ005)

[The OOT functionalities allowing interactions and collaboration will facilitate me in promoting practice sharing-based learning activities among students.]

Answer	Count	Percentage
Strongly Agree (A1)	4	66,67%
Agree (A2)	2	33,33%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A12(SQ004)

[The OOT functionalities delivering multi-modal learning contents to meet different learning styles are useful.]

Answer	Count	Percentage
Strongly Agree (A1)	2	33,33%
Agree (A2)	4	66,67%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A12(SQ003)

[The OOT functionalities supporting the assessment of students' prior (formal, non-formal and informal) learning are useful.]

Answer	Count	Percentage
Strongly Agree (A1)	6	100,00%
Agree (A2)	0	0,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A12(SQ002)

[The OOT functionalities supporting the assessment and the tracking of learning activities will help me in providing students with effective feedbacks.]

Answer	Count	Percentage
Strongly Agree (A1)	5	83,33%
Agree (A2)	1	16,67%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A13(SQ001)

[The OOT main functionalities are easy to use for me]

Answer	Count	Percentage
Strongly Agree (A1)	2	33,33%
Agree (A2)	2	33,33%
Neither Agree Nor Disagree (A3)	2	33,33%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A13(SQ006)

[The OOT “database activity” functionality for building, displaying and searching a bank of record entries is easy to use.]

Answer	Count	Percentage
Strongly Agree (A1)	1	16,67%
Agree (A2)	4	66,67%
Neither Agree Nor Disagree (A3)	1	16,67%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A13(SQ005)

[The OOT “group activity” functionality is easy to use.]

Answer	Count	Percentage
Strongly Agree (A1)	1	16,67%
Agree (A2)	4	66,67%
Neither Agree Nor Disagree (A3)	1	16,67%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%

Field summary for A13(SQ004)

[Submitting an assignment in the OOT is easy.]

Answer	Count	Percentage
Strongly Agree (A1)	2	33,33%
Agree (A2)	3	50,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	1	16,67%
Not displayed	0	0,00%

Field summary for A13(SQ003)

[The OOT "Community assignment submission" functionality for selecting one of the portfolio pages or collections and for submitting it within a course is easy to use.]

Answer	Count	Percentage
Strongly Agree (A1)	1	16,67%
Agree (A2)	4	66,67%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	1	16,67%
Not displayed	0	0,00%

Field summary for A13(SQ002)

[The OOT "grader report" functionality for tracking the progress of students by collecting graded items is easy to use.]

Answer	Count	Percentage
Strongly Agree (A1)	1	16,67%
Agree (A2)	2	33,33%
Neither Agree Nor Disagree (A3)	1	16,67%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	2	33,33%
Not displayed	0	0,00%

Field summary for A13(SQ009)

[Creating a new thread or answering to an existing post on the OOT forum is easy.]

Answer	Count	Percentage
Strongly Agree (A1)	4	66,67%
Agree (A2)	1	16,67%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	1	16,67%
Not displayed	0	0,00%

Field summary for A13(SQ008)

[Attending the OOT "Webinar" is easy.]

Answer	Count	Percentage
Strongly Agree (A1)	3	50,00%
Agree (A2)	0	0,00%
Neither Agree Nor Disagree (A3)	0	0,00%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	3	50,00%
Not displayed	0	0,00%

Field summary for A13(SQ007)

[Answering a quiz in the OOT is easy.]

Answer	Count	Percentage
Strongly Agree (A1)	4	66,67%
Agree (A2)	1	16,67%
Neither Agree Nor Disagree (A3)	1	16,67%
Disagree (A4)	0	0,00%
Strongly Disagree (A5)	0	0,00%
No answer	0	0,00%
Not displayed	0	0,00%