

T4SVEN

TRAINING 4 SKILLS IN THE DIGITAL ENVIRONMENT

Intellectual Output 4

Project number 2020-1-HR01-KA226-VET-094781

KA2 - Partnerships for Digital Education Readiness in Vocational Education and Training



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Dr. Thomas Fotiadis
SEIT Lab
University of Cyprus



TITLE OF THE CHAPTER

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Software Engineering and Internet Technologies (SEIT) Laboratory

Software Engineering and Internet Technologies (SEIT) Laboratory is an integral part of the Department of Computer Science of the University of Cyprus. (SEIT) focuses its research activities on two important areas of Information Technology, namely Software Engineering and Internet Technologies.

SEIT has extensive experience in the area of applying ICT to e-Learning, m-Learning and Open and Distance Learning in general as well as Lifelong Learning in particular.

The logo for SEIT Lab features the letters 'SEIT' in a bold, blue, sans-serif font. The letter 'i' is replaced by a red '@' symbol. To the right of 'SEIT', the word 'Lab' is written in a blue, cursive script font.

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IO4 - Web Platform

Enable to:

1. the support of innovative approaches and digital technologies for teaching and learning
2. the continued professional development of VET teachers, trainers and mentors in both school and work-based-learning environments.

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IO4 - Web Platform

Will provide:

1. online training courses to enable the implementation of blended learning, including curriculum creation, teaching, learning and assessment tools with a directed emphasis on work-based-learning (WBL).
2. tools and open resources on blended training that will equip VET teachers with the necessary knowledge of embedding digital technologies into their content-matter expertise and their pedagogical practice

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IO4 - Web Platform

Will provide:

- another online tool that is under consideration to be used is the SELFIE tool, which is an online evaluation tool for schools where teachers can inspect and assess their students in an interactive environment.
- peer evaluation

The web platform will be implemented with a responsive design to include necessary user feedback to be able to navigate and use its features.

It will support the majority of devices (desktop PCs, laptops, mobile devices, tablets etc.) and all screen sizes and resolutions.

A series of technical guides will be included that will answer any questions about any feature and procedures within the system.

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IO4.A1 User Requirements for Web Platform

Milestone 1:

Online user requirements questionnaire (M5). This will be a google form that partners will be asked to complete with the aim to help us define the platform requirements.

Definition of the functionalities available in the Web Platform, such as types of tools to be used, social network specification and functionalities, types of formats accepted etc.

Based on these user requirements, the specifics for the platform implementation will be decided (including the type of platform that will be developed)

https://docs.google.com/forms/d/1jfcxV1HovjfoEZUWVdozWHuTqO8LFC64q9agDuPAtU/edit?usp=drive_web

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IO4.A2 Educational Content Preparation and Creation

Milestone 2:

Template for content (M10). Based on the decisions made in A1, appropriate templates will be created by us for partners to insert their content into for easier transfer into the platform

Preparation of the templates for the educational modules and scenarios that will be hosted in the Web Platform and a series of mock scenarios where a user will interact with the provided educational material. This defines how the structure of modules and scenarios will be presented in the Web Platform.

All the training material will need to be prepared according to these specific requirements so that they can be integrated into the Web Platform. Instructional material will be translated in all specified languages in this task.

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IO4.A3 Web Platform Design and Development

Milestone 3: First version of platform (M10). The platform can then be evaluated internally by partners for further improvements.

Milestone 4: Second version of platform (M11). Based on feedback collected from internal testing and improvements made thereof, the platform will be in a position for pilot testing with actual users.

The Web Platform will be designed and developed based on the specifications of Task A1.

The platform will utilize tools that will be integrated in the functionality of the platform that will assist the evaluation and assessment of VET students and will be a valuable asset in general of the VET teachers.

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IO4.A4 User Acceptance Testing of Web Platform

Milestone 5:

Feedback collection from pilots (M22). Following use of the platform, participants in the pilots will evaluate it. Feedback will be collected for the last version of improvements.

A pilot study will prove fruitful with the assessment of the end-users as it will mark the areas where our e-Learning Platform might need some improvement and also the parts where it impressed them (this will be used as positive feedback and will be reproduced, if possible, in any other similar aspect of the project).

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IO4.A5 User Manual

Milestone 6:

First draft of manual (M10). The first draft of the manual will be ready before the pilots start. The manual will be finalised at the end of the pilots to a final version.

The manual will be drafted in English and include a detailed description of the platform's functionalities and instructions on how to use them.

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Produced Deliverables

- Educational content templates with content included in all available languages
- Web Platform.
- User manual in English.
- All partners will contribute to the preparation of the educational content according to the templates and specifications and will participate in the definition of the user requirements, as well as the user acceptance testing and the educational contents and materials approval.

Project Website

<https://t4sven.cs.ucy.ac.cy/>

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Risk Management & Conflict resolution plan

Project Management: SEIT Laboratory/UCY

Purpose of the Risk Management Plan will be to:

- Identify
- track
- manage risks in order to allow the successful implementation of the project, irrespective of problems that may arise

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Thank you all for your attention



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