



Promoting Resilience and Employability in uniVersity

PREVIEW

**ERASMUS + Call 2022 Round 1 KA2
KA220-HED - Cooperation partnerships in higher education**

3.1 Learning/Teaching HUB



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Abstract:	The Deliverable 3.1 presents the PREVIEW Learning Teaching HUB platform, developed to enable effective management of remote internships through collaboration between universities, companies, and students. The platform integrates a suite of digital tools aimed at enhancing the internship experience and streamlining coordination among all stakeholders. Key features

	include an event calendar for activity planning, multi-role user management, visual tracking of internship progress using a mountain-climbing metaphor, structured document management, and real-time messaging tools. This report outlines the platform's core functionalities, operational workflow, and strategic relevance in supporting the objectives of the PREVIEW remote internship program.
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Executive Summary

The Deliverable 3.1 Learning/Teaching HUB is related to the PREVIEW Learning Teaching HUB platform, developed to support the comprehensive management of remote internships in collaboration between universities, companies, and students.

The platform integrates various digital tools designed to improve the internship experience and simplify coordination between the various parties involved. The main tools include:

- Event calendar for planning activities.
- User management with different roles (student, university tutor, company mentor, university manager, and company manager).
- Visualization of the internship path through the metaphor of mountain climbing, which makes the student's progress clear and intuitive.
- Document management divided by university, students, and companies, with templates and reference repositories.
- Synchronous messaging tools to facilitate real-time communication between those involved.

This report illustrates the main operational flow, the features implemented, and the strategic value of the platform as a central tool for the success of the PREVIEW remote internship program.

The platform can be accessed at:

<https://preview.itd.cnr.it/>

1. DESCRIPTION OF THE PROJECT

Students graduating today with business degrees will be working in careers yet to be created, and many already in the workforce will transition from collocated to remote work. How do educators, and individuals, prepare them for what lies ahead?

The Project PREVIEW, based also on lessons already learnt in the context of the COVID-19 crisis, aims at overcoming these emerging challenges in working scenario by developing innovative and inclusive pedagogical and apprentice models to be included in the education system. Specifically, through designing a student-centered remote internship journey along with other university and company activities, the Project PREVIEW aims at support the ecosystem actors (students, university tutors and company mentors) in developing and upskilling knowledge and skills according to the new working scenario and organization model occurred by the digital age.

PREVIEW has as its main objective to increase the capacity and readiness of Partners involved, as well as students and universities, and industries staff to manage an effective shift towards digital education required by the organizational changes as consequence of remote working explosion.

The Consortium has identified the tourism and cultural heritage sector as a pilot area. Specifically, the project aims to focus on skills development for remote working to provide students with further employability skills to increase their professional success in a labour market shaped by digital transformation. Despite PREVIEW focuses on the tourism field as piloting action, the project outputs are likely to be easily transferable to other relevant fields.

The Project will support the use of digital technologies for teaching, learning, assessment, and engagement. Particular attention will be given to promoting gender equality and addressing differences in relation to the access and use by underrepresented groups. Furthermore, it addresses the:

1. Development of disadvantaged rural and urban areas, since remote internship could help students from rural areas with economic limitation to live a working experience in interesting and stimulating contexts. To this regards UNISS and ASE are Universities that involve student from these areas. It also could contribute to increased the participation of disadvantaged groups, e.g. students with disabilities;
2. Open and distance learning priority since the project envisages MOOC and innovative ICT-based content, services, pedagogies and practice for internship experiences.
3. New learning and teaching methods and approaches, since the project focuses the development, testing and implementation of flexible learning pathways and modular course design (online and blended) and appropriate forms of assessment, including the development of online assessment and innovative pedagogies model such as collaborative online learning or the use of co-creation approach such Service Design Methodology to design.

1.1 PREVIEW Specific objectives

PREVIEW project main achievement and concrete results are:

1. Design and test a new University curriculum by including innovative Remote Internship.
2. Promoting a smooth shift in the University Partners from the in-person internship program to a virtual program in the fields of tourism and cultural heritage.

3. Involving at least 100 students or graduates (at least 16 of them with economic and geographical limitations) participating in remote internship experiences in the field of tourism and cultural heritage.
4. Providing at least 50 education operators (teachers, trainers, university, and company tutors, etc) with a much higher level of digital skills to usefully manage blended internship experiences as well as blended learning.
5. Involving at least 80 education operators in the Learning activities involving at least 150 students in the MOOC on remote skills
6. Facilitating access to international work experiences despite economic and geographical limitations, disabilities, learning difficulties and disadvantages.
7. Establish a strong partnership among University and Tourism and Cultural Heritage business associations to exchange expertise in different fields and to improve the quality of remote internships.
8. Support enterprises involved in the project in transition to remote working.
9. Improvement of knowledge about new methodologies, tools, and technologies as educational means for supporting teachers and students to develop digital and soft skills and competences.
10. Stimulating virtual forms of collaboration and communication among students, university teachers and company representatives.

2. INTRODUCTION

The Deliverable 3.1 Learning Teaching HUB is a digital infrastructure supporting the PREVIEW project, aimed at simplifying and making the processes of starting, monitoring, and concluding remote internships more transparent.

The platform responds to the needs that emerged during the partner and university meetings, the focus groups and the selection of tools to integrate (Task 3.2), which highlighted the need to:

- Automate communication procedures.
- Improve the traceability of internship activities.
- Ensure a centralized repository of documents and templates.
- Provide tools for immediate communication and collaboration.
- Support students with an intuitive and motivating interface.
- Integrate learning resources

3. TOOLS INTEGRATED INTO THE PLATFORM

The platform integrates key tools that ensure a comprehensive and structured experience:

3.1 Events Calendar

Allows students, tutors, and mentors to plan meetings, deadlines, and activities, supports quick changes and instant communication, ensures a shared view of the path.

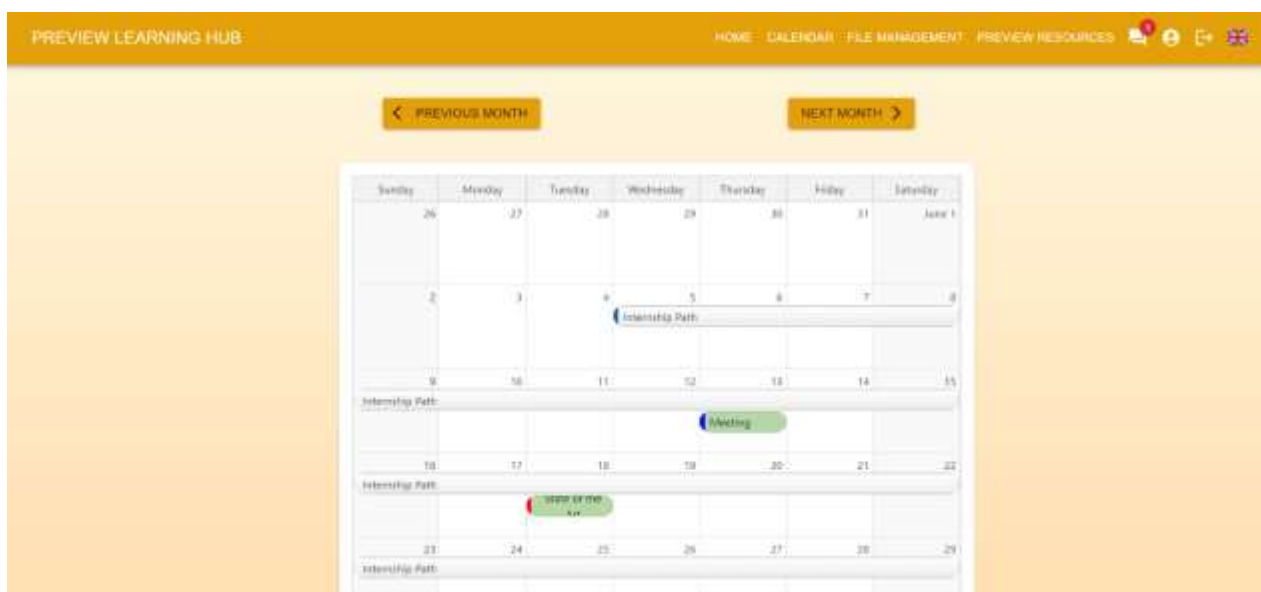


Figure 1: PREVIEW Learning HUB - Calendar

Each actor (student, university manager, company manager, university tutor, company mentor) has specific credentials and functions. Registration requires mandatory data such as first name, last name, email address, student ID number, and university. Acceptance of personal data processing (GDPR) is required.

PREVIEW LEARNING HUB

HOME | PREVIEW RESOURCES |   

Firstname

Maria

Lastname

Rossi

Matriculation Number

542545

Email

maria.rossi@fhnw.ch

University

FHNW - Hochschule für Technik und Naturwissenschaften

Role

ROLE_STUDENT

MODIFY

Figure 2 PREVIEW Learning HUB - Registration

3.3 Path Visualization (Mountain Metaphor)

Students view their internship as a climb to the summit, divided into progressive stages. Each stage corresponds to an activity or milestone to be completed. The gamified path increases motivation and awareness of the goals achieved. At the end of the internship the student reaches the top of the mountain and gains his participation badges.

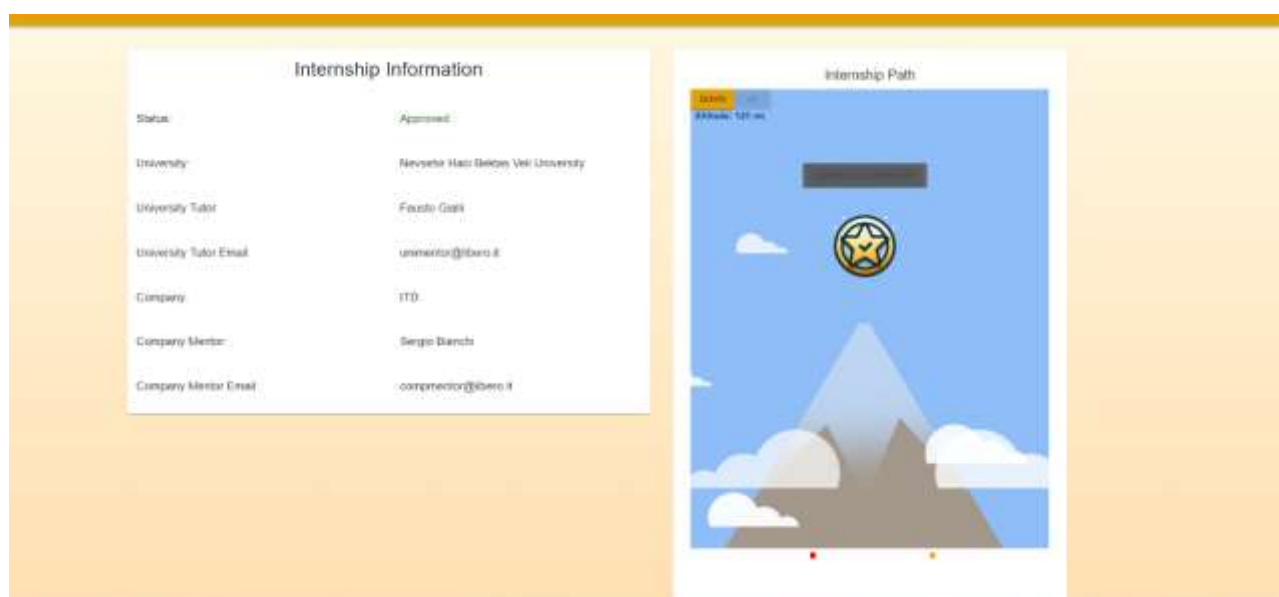


Figure 3 PREVIEW Learning HUB – Internship Path

3.4 Document Management

Repository structure divided by university, students, and companies. Contains standard models and templates (e.g., training project, attendance register, final report, University questionnaire). Allows secure uploading, sharing, and updating of documents.

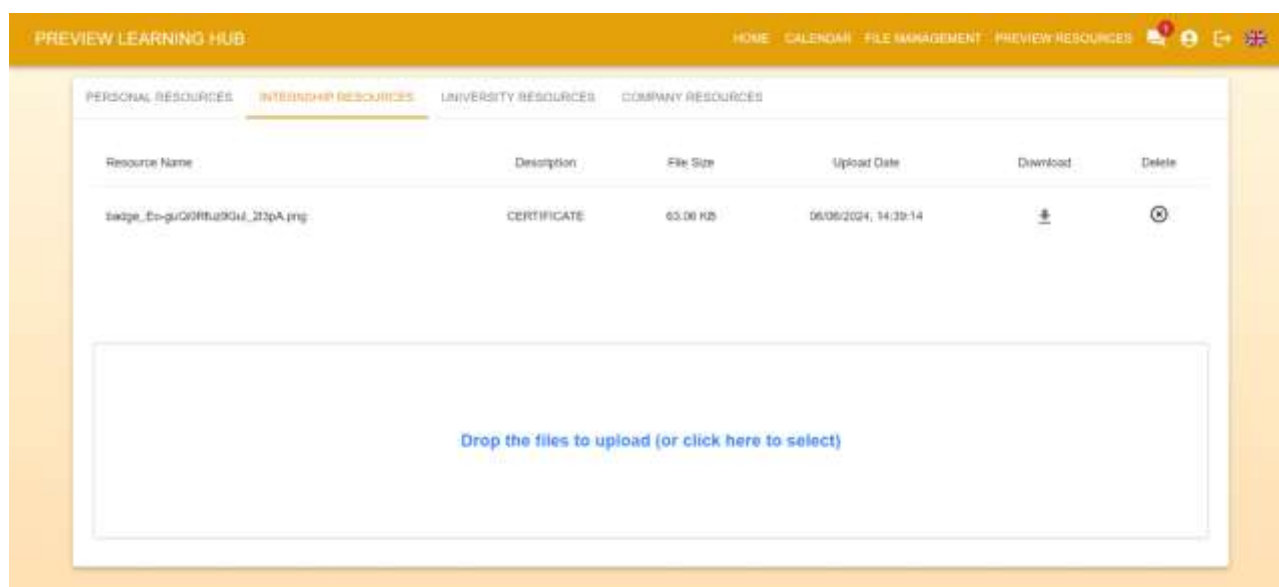


Figure 4 PREVIEW Learning HUB – Uploading, sharing, and updating documents

3.5 Synchronous Messaging

Integrated chat for immediate communication. Supports direct interactions between students, tutors, and mentors. Facilitates rapid coordination without the need for external tools.

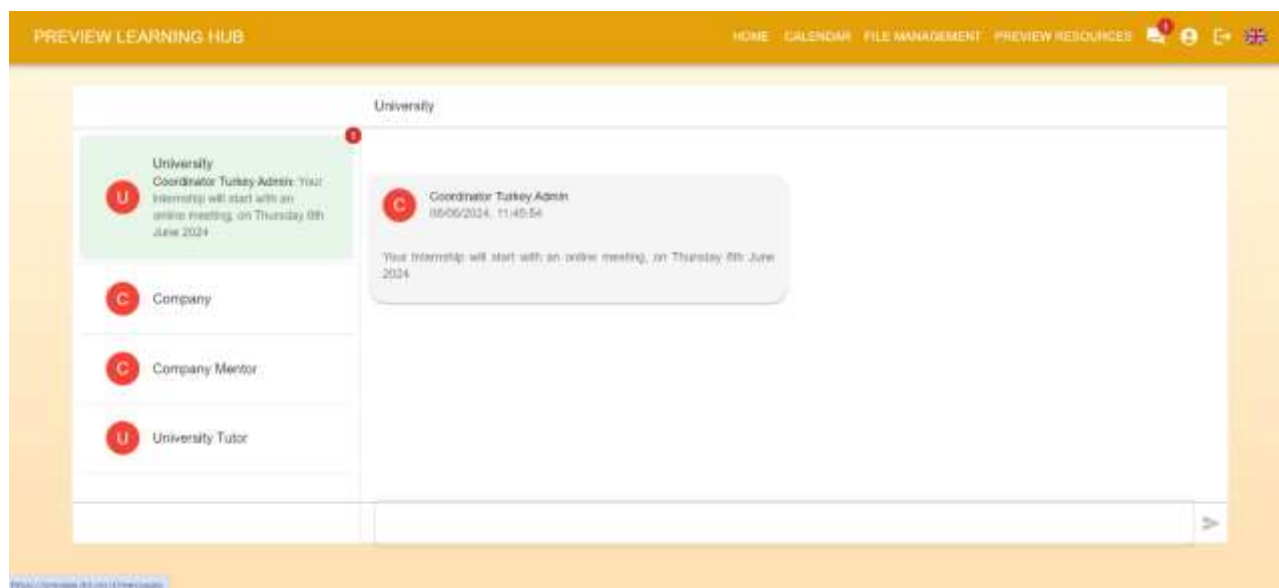


Figure 5 PREVIEW Learning HUB – Communications and Interactions

4. MAIN WORKFLOW OF THE PLATFORM

The remote internship management process via the platform consists of the following stages:

Student Registration

The student enters their basic details (first name, last name, email, student ID, university, year of study, etc.). They accept the terms and conditions for the processing of personal data (GDPR).

Internship Request

The student fills out the request directly on the platform. The system notifies the University Manager by email.

University Validation

The University Manager accepts or rejects the request. If accepted, they create the internship by entering information on its duration, hours, university tutor, and company.

Company Involvement

The Company Manager receives the notification and approves or rejects the proposal. If approved, they assign a Company Mentor.

Internship Activation

The student, tutor, and mentor receive confirmation emails. The company mentor is invited to contact the student to arrange an initial meeting. A first calendar of meeting and activity is created by the company mentor and can be integrated by university tutor in each moment.

Activity Performance

The student performs the activities in the calendar. The company mentor periodically attends a meeting with the student to check the progress.

Internship Closure

The student declares completion clicking a button in the Preview Platform. The company mentor certifies the accuracy of the activities. The university tutor verifies the bureaucratic part.

Evaluation and Certification

The student completes a mandatory evaluation questionnaire. The platform automatically generates the final badge, including attendance at MOOC courses.

5. STRATEGIC VALUE OF THE PLATFORM

The PREVIEW Learning Teaching HUB is much more than a management tool: it is an integrated digital ecosystem that promotes transparency, collaboration, and educational quality.

It allows you to:

- Automate complex processes, reducing bureaucratic burdens.
- Make the internship path clearer and more motivating thanks to the mountain metaphor.
- Provide standardized documentation that can be adapted to local contexts.
- Strengthen direct communication between the various actors.
- Connect the internship to the digital training path (MOOC), integrating learning and practice.

6. CONCLUSIONS

The PREVIEW Learning Teaching HUB platform is a key deliverable for the project, as it ensures an integrated, scalable, and user-friendly approach to remote internship management.

Thanks to the tools implemented and a clear and well-defined workflow, it promotes:

- international collaboration between universities and companies,
- the centralization of information and documents,
- student motivation and engagement,
- the transparency and traceability of internship experiences.

The next steps will involve:

- the continuous improvement of functionality,
- the collection of user feedback,
- the possible extension to new languages and educational contexts.



The PREVIEW HUB is not just a digital platform, but a bridge between learning and the world of work, capable of enhancing students' skills and strengthening the link between universities and companies.