R1 Learning Record Store – Requirement Analysis

WP 1.1 Introduction

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Introduction

The basic idea of the PACE-VET (Partial Certification in the Vocational Field of Event Technicians) project was to design a digital infrastructure that would serve as a basis for the administration and documentation of technicians' lifelong learning in the live performance end event technology sectors. The recognition of all forms of valid learning outcomes provides a basis for *tailoring training provisions to individual needs, while empowering individuals by building on what they already know, are able to do and understand*.[1] By concentrating on competences instead of curricula, the process also enables better adaptation of vocational education and training to the needs of the labour market.

Specifically, PACE-VET aimed to create a certification process for the technicians' acquired skills by developing a digital platform for collecting and sharing valid forms of evidence of learning outcomes and offering identification, validation, and certification of specific skills by offering the assessment of microcredentials (partial certification).

Integrating feedback from the event technology labour market, which has been particularly affected by the coronavirus pandemic, a solution has been developed that is also transferable to other sectors in the long term. The application can be used for any sets of competences in any occupational field. Ultimately, the validation and recognition of non-formal and informal learning experiences at a European level through microcredentials should contribute to a more inclusive, mobile and sustainable labour market in a fragile working environment.

This requirement analysis was the fundament for the application we developed according to Result 2. This application fits the needs of the working field and enables it, in the near future, to provide microcredentials for those live performance and event technicians, who are lacking formal qualifications to either work in their home country as well as in other EU countries.

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[1] Cedefop (2023). European guidelines for validating non-formal and informal learning. Luxembourg: Publications Office. Cedefop reference series; No 124. http://dx.doi.org/10.2801/389827, (accessed October 15th, 2024)

The Result 1 Learning Record Store - Conceptualization and specification of application and data is divided into 5 work packages:

WP1.1: Requirements analysis for usability

WP1.2: Note of concept, specification sheet

WP1.3: Requirements analysis for technical features

WP1.4: Data collection and structuring

WP1.5: Note of concept, specification sheet

WP 1.1 aimed to identify requirements that originated both from the TeBeVAT process and from external stakeholders. The former was achieved by analysing existing data and collecting available documents (desk research), the latter by controlling external opinions via stakeholder analysis.

While the analysis focusses on informal and non-formal learning in the context of lifelong learning, other stakeholders from educational institutions or private HR departments should not be overlooked to ensure that the full potential of the concept can be realized. Therefore, expert interviews with stakeholders from all these areas were conducted in the partner countries to concretize the needs of future users and ensure the usability of the final product. These expert interviews were conducted in the focus groups.

The first focus group was held in April at the "Prolight + Sound 2022" trade fair with managing directors and HR experts from the event industry. The second focus group was held in July 2022 in the Netherlands with teachers from vocational schools and technical managers. Finally, a third focus group was held in Germany in September 2022 with participants from the field of vocational education.

The result is compiled in WP 1.2.

The analysis in WP 1.3 covers information security and data protection, cloud computing, blockchain network, AI, as well as data import and export (ESCO/Europass) and thus represents the definition of the technical requirements and specifications.

In WP 1.4, the project team will take stock of information and data available within (LLDT, sectoral level) and outside (ESCO/Europass) the project.

The results of WP 1.3 and 1.4 are summarized in WP 1.5.

Strategic Report

We thank the co-authors from:

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