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TENCompetence

Building the European Network for Lifelong Competence Development

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**ID2.19 - Test-outcomes of the Personal Competence Manager (integrated system) before major milestone releases**

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Project Internal Deliverable Report

ID2.19 – Test-outcomes of the Personal Competence Manager (integrated system) before major milestone releases

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Abstract (for dissemination):
This section presents a summary of the evaluation outcomes of the Personal Competence Manager integrated in Liferay and available in (http://tst.tencompetence.org:8080/web/guest/ and http://tst.tencompetence.org:8081/web/guest/). Taking as a reference the test-outcomes in ID2.18 of each of the independent tools, this deliverable presents a schema of their dependencies in the integrated environment.

Keywords List:
TENCompetence, evaluation outcomes, Personal Competence Manager, integrated environment

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1. EXECUTIVE SUMMARY ................................................................. 2
2. METHODOLOGY............................................................................ 3
3. TESTING OF THE PERSONAL DEVELOPMENT MANAGER INTEGRATED ENVIRONMENT ........................................................................ 4
1. Executive summary

This section presents a summary of the evaluation outcomes of the Personal Competence Manager integrated in Liferay and available in (http://tst.tencompetence.org:8080/web/guest/ and http://tst.tencompetence.org:8081/web/guest/). Taking as a reference the test-outcomes in ID2.18 of each of the independent tools, this deliverable presents a schema of their dependencies in the integrated environment. This schema aims at being a basis for future evaluations and for the developers to improve the current implementations and have a clear picture of the relations between tools.
2. Methodology

For the evaluation, we have followed the list of requirements for each of the Portlets defined in D4.1 (D 4.1 Evaluation Plan, http://hdl.handle.net/1820/684), the test-outcomes reported in the ID2.18 and the scenarios described in ID4.7. For this purpose, we develop a schema showing the dependencies between the different tools according to the scenarios described in D4.7 and the tooling description in DIP4. First, we analyze the different scenarios and extract the required relations between tools. Second, we review the description of the different tools and services in DIP4 and examine whether the relations extracted from the scenario match the functionalities defined in the document. In order to define the tools’ dependencies schema as realistic as possible, we have previously checked with members of the WP3 which of the tools in DIP4 are going to be finally implemented. Finally, we do not consider in the schema from the list of DIP4 the Goal Orientation (overview), the Social Help, the CV and the Recommendations Liferay Portlets. The resulting schemas are the basis for testing the integrated Environment.

The D4.7 distinguishes between three different domains: the E-learning domain, the Resource Management domain and the Human Resource Management domain. We analyze the three domains for extracting a unique schema of the tool’s dependencies.
3. Testing of the Personal Development Manager

Integrated environment

This section presents the outcomes of testing the dependencies and consistency between the tools in an integrated environment (Figure 1). The schema aims at being a visual representation of the flow of information shared between the different tools. We distinguish between the TENCompetence Portlets (in blue), TENC Web Apps (in pink) and TENCompetence Services (in green). The Portlets squared in red are not available in the test server (http://tst.tencompetence.org:8080/web/guest/home) but included in the DIP4. The missing relations are depicted in red.

From the relations depicted in Figure 1, we highlight here the most critical relations that still remain unsolved in the current release.

- Connecting evidences with the e-Portofolio: the e-Portfolio should contain all the information achieved by the user, i.e. titles, certificates and so one. When defining a goal and uploading an evidence, the e-Portfolio should be updated with the recently evidence uploaded.

- Connecting activities with the e-Portfolio: when a user performs an activity in his/her plan using the Competence Personal Development Manager, the results of the activity should automatically be updated in his/her e-Portfolio as an evidence that a competence have been acquired.

- Connecting an activity with the LD portlets: when a use is working on his/her plan, some of the activities included can be LD activities. When this occurs, the user should be automatically redirected to the correspondent LD portlet. For example, if a user has to perform an activity in LD he/she will be directly redirected to the LD player to perform it. In the same way as explained in the previous point, the activity will be an evidence in the e-Portfolio if its performance means the acquisition of a new competence.

- Connecting the QTI Player with the QTI Results View: When a user performs a QTI test integrated or not into a LD UoL, the results of the tests should be visualized by the user when finished.

- Searching Learning Paths: when a learning path is created with the learning path editor, it should be upload to the server to let other users find it with the search option.
• Searching a UoL: There are two different ways of searching for an LD activity or UoL. The user can look for a zip corresponding to a UoL or can directly look for the link to this UoL already created using the LD Admin portlet. In both cases, the resource should be uploaded to the Coppercore Service Layer and Fedora for being found when a user searches for them.
Figure 1 Schema with the dependencies’ between tools.

* LD Admin tool is available in http://tst.tencompetence.org:8081/web/guest/.