

Understand IT

Project number: 2010-1-NO1-LEO05-01839

WP1
Deliverable 1.2 iQTool Facts Sheet





Executive Summary

Main Products / Features of the iQTool Project

- Research reports on choosing open source plat-forms (LMS) and a quality management system to be used for the tool developed in the project
- A quality assurance module that was integrated into the selected open-source LMS (ILIAS) consisting of a Web site for creating and processing questionnaires and a plugin to be integrated in the LMS.
- Two learning material packages: First one to learn how to use the iQTool quality assurance module and the second one to learn the basics of e-learning quality assurance

Project Examples

a) A school has asked a skilled trainer to produce a new e-learning course by inserting learning content in a template for an online course structure. In order to ensure the quality the teacher has to take a short course in e-learning quality developed by the iQTool project. In this course the teacher will learn all the important aspects of quality and which procedures to use during the development phase and during the test/running phase to ensure best quality.

b) The learning content pages displayed on the screen can be evaluated simultaneously with the help of the iQTool plugin module. Summarised statistics can be produced for the authors and tutors from the gained data and information will help to evaluate the training material.

Lesson learned - for UnderstandIT

- The second learning material package can be relevant to raise the awareness of quality of learning activities for mentors.
- Tools developed for a specific learning platform limit the use (as many different learning platforms are used in Europe and beyond and nobody can foresee the future development of this market)
- There is some evidence that quality assurance tools developed for web based trainings (following the electronic book metaphor) are not suited to E-learning 2.0 courses, i.e. learning scenarios, which require the learner to "produce the learning content"



Project Description

Short description of the iQTool project

In iQTool a tool was made for assessing teaching quality of eLearning programs and training materials. Integrated in this tool was quality management tools for institutions dealing with vocational training. The tool was an open software tool integrated in the LMS system.

Thus the aim of the project was to elaborate an eLearning quality tool which can be applied at European level and which enables the teaching of quality management. Also, the project aimed to provide the management and quality assurance of vocational training with an effective tool.

The advantage of the integration of the evaluation system and LMS was that it could store the answers related to the quality simultaneously when the training material pages were displayed on the screen. Furthermore, it offered for developers and teachers an opportunity to display statistically the results in the LMS(s) which helped to evaluate them.

This innovative content gave us an up-to-date and interactive eLearning tool which helped us to carry out the quality assurance of eLearning training materials development in vocational training institutions.

It is of major importance that European VET institutions can enter the competitive education market through a quality approach and guarantee that their eLearning services are conform to an explicit quality standard. For academic and administrative staff it will be important to trust upon the quality of the ODL services proposed by other institutions to validate courses followed there by their own students



Outcomes

The project developed eLearning training programmes and teaching materials together with multimedia and interactive tools which are suitable for teaching quality management in institutions dealing with vocational training and which therefore can promote the establishment and development of a quality culture.

- **Research reports** on choosing open source plat-forms (LMS) and a quality management system to be used for the tool developed in the project
- A **quality assurance module** that was integrated into the selected open-source LMS (ILIAS) consisting of a Web site for creating and processing questionnaires and a plugin to be integrated in the LMS.
- Two **learning material packages**: First one to learn how to use the iQTool quality assurance module and the second one to learn the basics of e-learning quality assurance

Relevant for Understand IT

The quality assurance module

The learning content pages displayed on the screen can be evaluated simultaneously with the help of the module. Summarised statistics can be produced for the authors and tutors from the gained data and information will help to evaluate the training material.

To be used in Understand IT: I don't think so. The iQTool quality assurance module assumes a learning model with learning material that is already there. That is not the case in Vitae and therefore in the Understand IT project

Learning material packages

The learning packages are created using Adobe Flash and can be run as stand alone packages on your PC.

To be used in Understand IT: The second package can be relevant for this project rise the awareness of quality of learning activities for mentors. The first package is not relevant because it is about the iQTool quality assurance module that is not relevant.