ELU Enhanced Learning Unlimited

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Deliverable D2.1 (Executive Summary)

ELU Technical Requirements and Guidelines for the iDTV Technologies

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EXECUTIVE SUMMARY

This deliverable of the Enhanced Learning Unlimited (ELU) project reports results from activities led during the Task 2.1 of WP2 'ELU Technical System Requirements'. This report also takes into account the main results and conclusions of the study 'ELU State of the Art t-Learning system for iDTV'.

Elicited technical requirements of the system cover the whole ELU framework: from pedagogical contents production, with focus on the authoring tools, up to the management and processing of t-learning contents for iDTV end-users. Integration issues of the miscellaneous software components part of the system are also addressed to constitute an homogeneous framework for creating and rendering enhanced t-learning applications.

First parts of the document introduce the ELU t-learning system. Then use cases and corresponding technical requirements are specified for being considered while designing the system.

Integration issues for integrating all the hardware and software components of the ELU t-Learning system are specified. Good practises are expressed for addressing this critical issue to properly make components interact and achieve together a complete t-learning solution from the contents creation up to their rendering.

The last section resumes the elicited requirements and enumerate for their consideration through 2 views: functional and non-functional requirements following the ELU system parts; and the requirements listed per modules.

The under-progress design of the ELU t-Learning system aims at supporting enhanced t-Learning services for iDTV end-users.

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