Project Plan

March 24, 2012

Project name	Communication between various e-learning system using SCORM
Client/Sponsor	Entergate Company

0.1 Executive summary

Firstly, do some theoretical research on SCORM and related information. Secondly, understand the internal structure of one Package Interchange File(PIF). Then, extract related information form it, and integrate them into the LMS in Entergate.

0.2 Background, objective and goal

Background
In the late 1990s, the United States Department of Defense realized that they were procuring the same training many times over and over again but could not reuse it across departments, because each department had its own Learning Management System(LMS). In those days, each LMS had its own proprietary content format, which encouraged vendor lock-in. In 1999 an executive order tasked a small research laboratory, Advanced Distributed Learning(ADL), to "develop common specifications and standards for e-learning." Rather than starting from scratch, ADL harmonized the work of existing standards organizations like the AICC, IMS and the IEEE LTSC into a cohesive reference model. SCORM was released in 2001 and was quickly adopted by both government and industry. Today it is the de facto standard for E-learning interoperability.
Objective
Utilizing the existing SCORM standard to achieve the communication between different LMSs.
Goal
SCORM compliant contents can be imported smoothly into our LMS.

0.3 Requirement specification

Requirement form

Product requirement

Product requirement

- Compare the pros and cons of different techniques enabling communication between different LMSs, and decide which one is the best in this case.

- The learning contents from one LMS must be used in our LMS, smoothly.

- In the first case, the solution must enable that one whole package, which contains some preexistent questions, can be used as one test for users to take.

- In the second case, the solution must enable that several questions in this package, combined with our questions, can constitute the test for users to take.

- The solution could have the ability to present the information we imported to users.

Project requirement

- Finished before May 1st.

- The method should be based on SCORM.

Prerequisites

- Detailed description on LMS in Entergate.

- Constant consultancies on SCORM and LMS.

0.4 Milestones, activities and schedule

0.4.1 Milestone plan

- Be able to import Manifest Basics Content Example(MBCE) from ADL to esTracer.

- Present the information we get from this package to users in our LMS.

0.4.2 Activity list

1	Theoretical research on SCORM, especially Content packaging	Project members	February 10th	February 28th
2	Understand jQuery and MVC, which are used in LMS	Project members	February 10th	February 28th
3	Understand internal structure of LMS in Entergate	Entergate staff and project members	February 17th	March 15th
4	Implement import function	Entergate staff and project members	March 15th	March 31st
4	Implement present function	Entergate staff and project members	April 1st	April 30th
5	Writing the final report	Entergate staff and project members	May 1st	May 7th