

Learning Content Management System

OBJECTIVE:

“Learning Content Management System “is a web based online project. The main aim of the project is a Learning Course Management System which combines learner administration capabilities of an LMS with the content creation and storage capabilities of a CMS Many LCMS can offer basic course administration features, but their functionality isn't as robust as that found in most LMS. It also typically use skill assessments to track learners’ competencies and recommend courses, but most systems lack the capability to dynamically deliver personalized courses. Ex: Learning Course Management System should provide authoring, sequencing, and aggregation tools that structure content to facilitate the learning process.

Proposed System

Objectives of the Proposed System

1. To generate the quick reports
2. To make accuracy and efficient calculations
3. To provide proper information briefly
4. To provide data security
5. To provide huge maintenance of records
6. Flexibility of transactions can be completed in time

After understanding the existing system and understanding the need for developing a new system different people involved in the related activities have been consulted. The data needed for the study has been collected from company records.

The computerization of this system would avoid the wrong interpretation and bad calculation of data .The system help the user to see any documents, source code, tasks, activities, team information with details at the click of a button. The record data is maintained and backed up such a way that data is not loss. The speed of the system could also increase.

Purpose of the Project

This document contains a description for "Learning Course Management System" enhancement. This document will contain the functional requirements of the project and how the developers will enhance the project to achieve all the objectives. The SRS will serve as a guide for the client and the developers. Section 2 is concentrated more on the purpose of the system.

BACKGROUND:

The general description gives an "executive overview" and is very client-oriented. It expounds on the functional and data requirements of the application. It also lists the limitations, assumptions and dependencies of the application. Section 3.0, the specific requirements section, includes the developers' technical view of the client's expectation of the application. It also touches on the performance and quality requirements of the application and provides a solid definition of the interface.

Existing System

Present system is manual. The Project Metrics has to enter all the details of project, documents, and tasks. It also maintains the team information and also efforts estimation. For this purpose the organization maintain the size of the document, source code and update the information about team member's details manually. Which is much of time consuming process and more importantly it is error prone. Limitations of the Manual system are:

1. It is time consuming
2. It leads to error prone results
3. It consumes lot of manpower to better results
4. It lacks of data security
5. Retrieval of data takes lot of time
6. Percentage of accuracy is less
7. Reports take time to produce

Hence Computerization of the existing system is proposed. The new system completely removes all manual burdens and provide efficient on the entry system.

Scope of the Project

Learning Content Management System (LCMS) is a Learning Course Management System which combines learner administration capabilities of an LMS with the content creation and storage capabilities of a CMS. Many LCMS can offer basic course administration features, but their functionality isn't as robust as that found in most LMS. It also typically uses skill assessments to track learners' competencies and recommend courses, but most systems lack the capability to dynamically deliver personalized courses. Ex: LCMS should provide authoring, sequencing, and aggregation tools that structure content to facilitate the learning process.

Conclusion of the system

The entire project has been developed and deployed as per the requirements stated by the user, it is found to be bug free as per the testing standards that is implemented. Any specification-untraced errors will be concentrated in the coming versions, which are planned to be developed in near future. The system at present does not take care off the Course Management System, as the consolidated constructs need SSL standards and are critically to be initiated in the first face,. The system needs more elaborative technicality for its inception and evolution.

FUNCTIONAL REQUIREMENT:

The entire system is divided into 3 major modules:

1. Administrator module
2. Instructor module
3. Student module

Administrator module:

In this Administrator Maintain all courses Details, student Registrations, Instructor Registration, Timetable details are maintained and view the Assignments and New Content Details.

Instructor module:

In this Instructor maintain Assignment Schedule, Batch Details and to view the Login Instructor Profile And View the Time Table, new Content Details.

Student Module:

In this student Maintain new content Details and to view the Login Student Profile and view the Time table and Assignment Details.

NON-FUNCTIONAL REQUIREMENT:

Scalability - The system can be scalable from small to a large business.

Haphazard development – It is observed that some initiatives have already been made to provide IT based services to rural community. However, duplication of efforts is witnessed as most of the services revolve around limited subjects.

User Friendliness – The success of this strategy depends on the ease with which rural population can use the content. This will require intuitive graphics based presentation.

Security requirement - The system should take care of all required security of data and intellectual property of the organization etc.

Reliability – Specify the factors required to establish the required reliability of the software system at time of delivery.

Portability – The Learning Content Management System shall run in Microsoft Windows environment.