

DAYANANDA SAGAR UNIVERSITY



WEB PROGRAMMING MINI PROJECT SYNOPSIS ON

“LEARNING MANAGEMENT WEBSITE”

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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INTRODUCTION

A **learning management system (LMS)** is a software application for the administration, documentation, tracking, reporting, automation and delivery of educational courses, training programs, or learning and development programs.

The learning management system concept emerged directly from e-Learning. LMSs are focused on online learning delivery but support a range of uses, acting as a platform for online content, including courses, both asynchronous based and synchronous based.

As during this pandemic, these kind of systems prove to be very useful in delivering knowledge to the students and there are

PROBLEM DEFINITION

In this pandemic situation and also during the regular days, It is very important and convenient to study online as it is simple, useful and easily accessible .

An LMS delivers and manages all types of content, including video, courses, and documents. In the education and higher education markets, an LMS will include a variety of functionality that is similar to corporate but will have features such as rubrics, teacher and instructor facilitated learning, a discussion board, and often the use of a syllabus. A syllabus is rarely a feature in the corporate LMS, although courses may start with a heading-level index to give learners an overview of topics covered.

NEED FOR LEARNING MANAGEMENT SYSTEM

Cost savings: Training and teaching via an LMS reduces employee travel, optimizes training expenditure and usage, and minimizes facilities and instructors to pay.

Consistency of training: Training and course delivery via an LMS is consistent since it is centralized. It delivers a consistent training and learning quality to all employees by supplying a single source for content, course materials and instructions.

Easily tracks learner progress and performance: LMSs allow the company to easily generate training reports on an overall or user/student level basis. By utilizing an LMS for eLearning courses and/or online training, trainers can easily track goal progress, etc

HARDWARE REQUIREMENTS

1. Intel processor Core i3 or more
2. Disk Space : 1GB or more
3. Ram : 4GB or more

SOFTWARE REQUIREMENTS

1. Windows 7 or above
2. HTML 5
3. CSS
4. JavaScript
5. Python 3.6 or above

POSSIBLE OUTCOME

We will create a learning website. This website will allow a user to register and gives the user access to various educational notes and videos. The admin will also be able to delete or add new files if needed. All of the videos uploaded in the website can be accessed by any user and can be used for free