



## Software engineering project on Web based learning management application for the automation, documentation, reporting and online delivery of educational courses and materials.

By, Student Name and Student Name

Department of computer science, Acharya prafulla chandra college, New Barrackpur, Kolkata. Under guidance of Teacher Name, for partial fulfilment of the requirement for the award of degree of Bachelor of Science (honours), Computer Science.

### Overview

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. Learning management systems make up the largest segment of the learning system market. The first introduction of the LMS was in the late 1990s. Learning management systems have faced a massive growth in usage due to the emphasis on remote learning during the COVID-19 pandemic.

### Project Info

A learning management system (LMS) is a software application or web-based technology used to plan, implement and assess a specific learning process. It is used for eLearning practices and, in its most common form, consists of two elements: a server that performs the base functionality and a user interface that is operated by instructors, students and administrators.

Typically, a learning management system provides an instructor with a way to create and deliver content, monitor student participation and assess student performance. A learning management system may also provide students with the ability to use integers.

Some popular LMSes used by educational institutions include Moodle, Blackboard Learn and Schoology Some popular examples.

### Abstract

Learning management systems were designed to identify training and learning gaps, using analytical data and reporting. 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. In the higher education space, an LMS may offer classroom management for instructor-led training or a flipped classroom.

Modern LMSs include intelligent algorithms to make automated recommendations for courses based on a user's skill profile as well as extract metadata from learning materials to make such recommendations even more accurate.

LMSes are beneficial to a wide range of organised including higher education institutions and corporations