**TEAM NAME – MANIAX**

Summary

A learning management system (LMS) is a Website Application for the administration, documentation, tracking, reporting and delivery of educational courses or training programs. They help the instructor deliver material to the students, administer tests and other assignments, track student progress, and manage record-keeping. LMSs are focused on online learning delivery but support a range of uses, acting as a platform for fully online courses.

In this Website Application Students and teachers can interact with each other digitally and can share reviews , participate in discussions and teachers can also give notifications to students as well as can make announcements and the application make sures to reach the announcements to each and every concerned student.

Background

The history of the application of computers to education is filled with broadly descriptive terms such a computer managed instructions (CMI), an integrated learning system (ILS), computer based instructions (CBI), computer assisted instructions (CAI), and computer assisted learning (CAL). These terms describe drill-and-practice programs, more sophisticated tutorials, and more individualized instruction, respectively. The term is currently used to describe a number of different educational computer applications.

The concept of eLearning began developing in the early 20th century, marked by the appearance of audio-video communication systems used for remote teaching.

The first fully featured Learning Management System (LMS) was called *EKKO*, developed and released by Norway's NKI Distance Education Network in 1991.Three years later, New Brunswick’s NB Learning Network presented a similar system designed for DOS-based teaching, and devoted exclusively to business learners.

In 2000, the University of Zurich revolutionized the concept of digitized learning by introducing the first open-source LMS called OLAT. A year later, the LMS development industry welcomed Microsoft and its first SCORM-certified learning suite SharePoint.

**Goals**

* **Managing users, courses, roles, instructors, and generating reports:**

This includes uploading courses, assigning roles, recommending courses and generating various reports.

* **Messaging and notifications by learners:**

You can send notifications and announcements to employees on upcoming training events or deadlines. You can also use the forum to promote existing eLearning courses to encourage more registrations to your courses.

* **Discussion Forum:**

A Platform where students and teachers can start a discussion and anyone can comment or give any suggestions.

* **Certification and display employee scores and transcripts:**

In one location, you will be able to access employee scores and transcripts and maintain an ongoing record of the performance of the individual. You can also certify employees who have successfully completed courses.

# System Configuration, Languages used, Configuration, User Interface

Operating System used – MAC OSX, Windows and Linux

1. NodeJs  server

2.Express Js for creating REST API’s.

3. Adobe Photoshop for creating logos.

4.  Languages used for development – NodeJS, MySql,

5. React Js for front end designing.

**Features**

1. Stay Connected to your teachers .
2. Organise your class.
3. Collabarative Learning .
4. Fast and easy adaption.
5. Announcements for Students.
6. Discussion Forum.
7. Course Resources.

**Future Scope**

**Cloud Based LMS**

**Mobile Learning**

**Talent Management**