

Project Synopsis/Project Concept Document-V2

Project number	24
Project Title	Customisable Cloud LMS Platform
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Description:

Building a cloud based learning management system, LMS, (like edX, Coursera) specifically for VR/AR courses with user authentication, content management (like module to track lessons, module for questionnaire), payment integration, custom UI, and tools to post multiple courses, track sessions, administer incentives and badges. It will be built through a microservice ideology.

Profile of Users:

This platform will be primarily used by

1. Teachers/Tutors/Course Creator: to upload the course related material and be the administrator of the courses.
2. Students: to access the content uploaded by their teachers using email ids provided by their institute
3. Admins

Feature Highlights:

1. Login/Sign Up credentials for students and teachers
2. Personalized pages for students and teacher/Tutors
3. View courses
4. Payment Method to register for a course
5. Adding/editing/removing courses by tutors/teachers
6. Uploading course materials and questionnaires
7. Tracking student performance through questionnaires
8. Specialized courses

9. Certificate generation
10. Batches and grading
11. Admin privileges
12. Profile pages for users
13. Reviews or Feedback

Usage Model and Diagrams

