

PROJECT PLAN DOCUMENT

Project number	24
Project Title	Customisable Cloud LMS Platform
Document	DASS Project Concept Document
Creation date	11 February 2022
Created By	Gautam Ghai, Yash Mehan, Manaswini Tharigopula, Mandyam Brunda
Client	Saiteja, XR Academy

Brief Problem Statement

Building a cloud based learning management System (LMS) exclusively for AR/VR courses with user authentication, Payment UI, Custom UI, certificate generation like giving badges and also tracking the users' performance. To be built in microservice architecture

Team Members

Mandyam Brunda - 2020101057
Manaswini Tharigopula - 2020113015
Yash Mehan -2020111020
Gautam Ghai -2020101020

Team Communication

Meeting with Client (on Google Meet)

- Saturday : 7:30 pm

The above are the schedule timings with the client but can vary a little.

Team Meeting (on Google Meet)

- Compulsory meet on the day before the client meeting.
- Casual meetings to solve errors and problems and debugging.

Development environment

- Frontend: React
- Backend: Node
- Backend Framework (for node.js): Express
- Database: MongoDB Atlas
- Programming language: Javascript
- IDE for developing the application: VS Code
- Tools for creating documentation: Google docs
- Collaboration tools: gitlab

MileStone Schedule:

Milestone	Due Date	Release	Deliverable
Requirements Gathering	28 - 01 - 2022	R1	No
Analyzing and study requirements	11 - 02- 2022	R1	No
Developing courses microservices	18 - 02 - 2022	R1	Yes
Developing topics microservices	18 - 02 - 2022	R1	Yes
Registration	18- 02 - 2022	R1	Yes
Login	04 - 03 -2022	R2	Yes
Managing profile	04 - 03 -2022	R2	Yes

Admin role	04 - 03 - 2022	R2	Yes
Managing courses	04-03-2022	R2	Yes
Managing course content	04-03-2022	R2	Yes
Searching for a course	25-03-2022	R2	Yes
Tracking performance	25-03-2022	R2	Yes
Payment	25-03-2022	R2	Yes
Generating certificate	25-03-2022	R2	Yes
Tracking performance	25-03-2022	R2	Yes
Analytics and statistics	25-03-2022	R2	Yes
Rating	15-04-2022	R2	Yes
Testing , Review and Feedback	15-04-2022	R2	Yes