PROJECT PLAN DOCUMENT

Project number	51
Project Title	Building Custom LMS Using Moodle
Document	Project Plan
Creation date	15-02-2023
Created By	G V Krishna Chaitanya, Soham Korade, Santhoshini Thota, Gaurav Bhole
Client	F9 Hearts NGO

Brief problem statement

Moodle as an LMS only contains Courses, Teachers that create said Courses and students who can attend them. Our client wishes to build a Custom LMS through either customizing Moodle or any other FOSS tech stack which will have similar features as Moodle but also allow for Teachers to be associated with Organizations and Courses will be created by Organizations instead of the Teachers for them to learn and be certified.

Team Members

1. **G V Krishna Chaitanya**
2. **Soham Korade**
3. **Gaurav Bhole**
4. **Santhoshini Thota**

Team Communication

Meetings with Client are infrequent as we are learning how to remotely work, discussions with the client mainly take place on a google document where questions & answers are recorded well.

Meetings between project members take place every Thursday regarding how our project is proceeding and progress being made by each of us. These meetings happen online or offline, depending on availability of members.

Development Environment

Integrated Development Environments: - VS Code, Neovim

Programming Tools: - Javascript, React , Node, Express JS

Collaboration Tools: - Gitlab, Google Docs

Server: - MongoDB

Miscellaneous Tools: - Draw.io, Google Meets

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Finalize requirements with the client	Feb 20, 2023	R1	Yes
Create wireframes for the user interface	Feb 22, 2023	R1	Yes
Implement organization creation and management in the user interface	Mar 7, 2023	R1	Yes
Implement course creation and management in the user interface	Mar 9, 2023	R1	Yes
Implement teacher organization management in the user interface	Mar 14, 2023	R1	Yes
Develop a system for recording teacher training sessions and test results	Mar 17, 2023	R1	No
Implement teacher training and testing in the user interface	Mar 20, 2023	R1	No
Develop a performance tracking dashboard for teachers	Mar 22, 2023	R1	No
Review and test Release 1 with the client	Mar 25, 2023	R1	Yes
Address feedback from Release 1 and make necessary changes	Mar 28, 2023	R2	Yes
Develop a system for teachers to join and leave organizations	Apr 2, 2023	R2	Yes
Develop a database schema for the LMS	Apr 5, 2023	R2	Yes
Implement user authentication and authorization	Apr 8,	R2	Yes

	2023		
Develop an API for creating and managing organizations	Apr 8, 2023	R2	Yes
Develop an API for managing course enrollment and management.	Apr 9, 2023	R2	Yes
Implement course enrollment and management	Apr 9, 2023	R2	Yes
Develop a system for recording student performance	Apr 10, 2023	R2	No
Implement student performance tracking in the user interface	Apr 14, 2023	R2	No
Develop a system for generating course completion certificates	Apr 17, 2023	R2	No
Implement course completion certificates in the user interface	Apr 20, 2023	R2	No