

PROJECT PLAN DOCUMENT

(Due: 31st January, 2024)

Project number	4
Project Title	<i>Recommendation Engine</i>
Document	Project Plan
Creation date	<i>30th January, 2024</i>
Created By	<i>Madireddy Ananya</i>
Client	<i>Dheeraj Varma Vedampalli, GradWise</i>

Brief problem statement

To make a recommendation engine for Gradwise which is a learner centric model learning platform. This recommendation engine will suggest the next step that has to be taken by the user depending on the previous performance (like tests taken before). This suggestions include

- 1) revising a previous topic.
- 2) giving a test for the current topic.
- 3) starting to learn the next topic.

The project scope also involves attaching various tags for the questions (which can be of any form of media i.e. text, video, bot exercise) in the practice or quiz sets. This will make the preparation of quiz much easier and simpler, and less restricted. The project focuses mainly on course progress, current skill levels for various topics, learning methodologies modified with different type of courses.

Team Members

- 1) Daksh Shah – Documentation, Middle ware
- 2) Madireddy Ananya – Documentation, Middle ware
- 3) Tejas Cavale – Database schema, Backend
- 4) Aditya Mishra – Frontend, React

Team Communication

We have established a weekly meeting schedule where the entire team gathers virtually/physically to discuss project updates, address any challenges, and share insights. These meetings take place every Monday at 11:30 AM GMT via Teams. Meetings with the client have been scheduled every Monday and sometimes on Thursday at 6:00 PM GMT via Teams. General discussions and small doubts are discussed in Whatsapp group and task discussion on Trello.

Development Environment

=> Tools used for documentation:

1) Latex 2) LibreOffice 3) Microsoft Word 4) Notion-Snap

=> Tools used for developing the product:

1) MySQL 2) Node.js 3) React 4) Python 5) Javascript

=> Tools used for Collaboration:

1) Github 2) Trello

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
<i>Create draft requirements</i>	7/02/24	R0	Yes
<i>Finalize requirements</i>	14/2/24	R0	Yes