

PROJECT PLAN DOCUMENT

Project number	40
Project Title	Productivity Management Tool
Document	Project Plan
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Client	Venu Gopal, VSC DigiTech

Brief problem statement

The product is related to managing employees and progress related to software projects. Based on the requirements of the project, employees with relevant skill sets are shortlisted from a directory of available employees. The actual hours committed to the project will be compared against the original estimate to track its progress.

Team Members

Name	Roll No	Role / Responsibility
Harshita Upadhyay	2019101126	User Interface, Design Outline
Prateek Sancheti	2019111041	Frontend
Prince Varshney	2020121012	Database design
Snehal Ranjan	2020121003	API Development

Team Communication

The team will primarily communicate over Microsoft Teams on a near daily basis and use Whatsapp for quick queries.

The client meetings, organised over Zoom will be held on a weekly basis.

Development Environment

The primary development environment used will be VSCode with MERN Stack (MongoDB, Express, React and NodeJS). In addition, JS frameworks like BCrypt and Passport for standard practices of data security and access control.

Also, to streamline the development of the frontend, components from the Material UI Library will be used.

For the purposes of collaboration and version control, GitLab will be used. The in-built agile tracking system will also be used for this project.

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Finalize Requirements	12/02	N/A	Yes
UI Design	23/02	N/A	No
API Design	02/03	N/A	No
Database Design Prototype	07/03	N/A	No
Authentication Mechanism	13/03	R1	Yes
Database Design Mid-Way	17/03	N/A	No
Project Creation	24/03	R1	Yes
Employee Search	30/03	R1	Yes
Employee Selection and Confirmation	04/04	R1	Yes
Progress Tracking	09/04	R1	Yes
Team Modification	14/04	R1	Yes
Overview Dashboard	19/04	R1	Yes