# PROJECT PLAN DOCUMENT

| Team number | 32 |
|---|---|
| Project Title | User friendly SaaS platform for dairy farmers |
| Document | Project Plan |
| Creation date | 16/02/2023 |
| Created By | Srihitha, Vedanivas, Prakul, Arnav |
| Client | Vaidyanath Bobbili, Dasvande Technologies Pvt. Ltd. |

## Brief problem statement

The project is a SaaS product in the form of a MERN based web application meant for dairy farmers. It includes services such as bookkeeping for products, customers, and delivery drivers. The aim of the product is to provide dairy farmers with a digital database for their business in place of traditional paper or excel sheets.

## Team Members

Srihitha
Vedanivas
Prakul
Arnav

## Team Communication

The team will meet twice a week, in-person, to discuss about the progress of each of the team member, and most of the other communication will happen through WhatsApp. We have our client meet every Monday when our progress is reviewed, and our upcoming sprint's goals are presented.

## Development Environment

IDE: VS Code, WebStorm

Programming Language: JavaScript (MERN)

Collaboration Tools: GitLab

Other Tools: Google Docs, Google Sheets, Figma

## Milestone Schedule

| Milestone | Due Date | Release | Deliverable? |
|---|---|---|---|
| Project Scoping | Jan 23, 2023 | R1 | No |
| Preparing the Project Concept document to provide a high-level overview of the project | Jan 27, 2023 | R1 | Yes |
| Requirements gathering and documentation | Feb 09, 2023 | R1 | No |

| | | | |
|---|---|---|---|
| Design and development of the database schema | Feb 18, 2023 | R1 | No |
| Interface Design for the Splash, Login/Register, Profile screens | Feb 25, 2023 | R1 | Yes |
| Development of the Splash screen, Help & Info, and Settings/Info features | Mar 05, 2023 | R1 | Yes |
| User authentication for customers and vendors<br><br>Development of Profile pages for customers and vendors | Mar 07, 2023 | R1 | Yes |
| Testing and debugging the application | Mar 08, 2023 | R1 | No |
| Interface Design for the Customer Home and Vendor Detail Screens | Mar 16, 2023 | R2 | Yes |
| Development of Customer Home and Vendor Detail Screens | Mar 24, 2023 | R2 | Yes |
| Development of Shopping Cart feature | Mar 24, 2023 | R2 | Yes |
| Development of Order Information and Order Management features | Mar 28, 2023 | R2 | Yes |
| Development of Earnings and Inventory Management features | Apr 10, 2023 | R2 | Yes |
| Development of notifications feature | Apr 14, 2023 | R2 | Yes |
| Testing and debugging the application | Apr 17, 2023 | R2 | No |
| Containerisation of the application | Apr 23, 2023 | R2 | Yes |
| Deployment of the application | Apr 24, 2023 | R2 | Yes |