Project Plan Document

Project number: 10
Project Title: LPG Booking App
Document: Project Plan Document
Creation date: 11 February 2022
Created By: Gaddam Vinay Chandra, Anantha Shayana Reddy, George Paul, Amal Sunny (Team 47)
Client: Mr. Niman Goli, Vijayshankar Gas Agency

Brief problem statement

To create an application through which customers can book LPG gas cylinders for delivery at their locations. Also, by extension, a tool meant for the distribution agency's deliverymen needs to be developed as well to coordinate and ensure the deliveries of the cylinders.

Team Members

1. Gaddam Vinay Chandra - Developer
2. Anantha Shayana Reddy - Developer
3. George Paul - Developer, Client Contact
4. Amal Sunny - Developer

Team Communication

The team meets regularly via Discord for any planning and development purposes. Meets happen weekly and also when deadlines are due.

Development Environment

- The app will be written in the Dart language using the Flutter library. The backend of the app will be hosted on Firebase i.e. all Authentication, OTP functionality and databases.

- IDEs used will vary between the developers with Visual Studio Code being the favorite.
- Collaboration on documentation will be done on Google Docs.
- Development Collaboration will be done via Gitlab's Agile tools and Source Control will also be taken care of by Gitlab.

Milestone Schedule

Milestone	Due Date	Release	Deliverable
Collect Requirements	19 Jan	R1	No
Project Concept	21 Jan	R1	Yes
Draft Requirements	27 Jan	R1	No
Sprint 1	27 Jan	R1	No
Create Prototype Design	28 Jan	R1	No
SRS Doc	2 Feb	R1	Yes
Start App Development	6 Feb	R1	No
Sprint 2	10 Feb	R1	No
Set up Gitlab Agile	11 Feb	R1	No
Project Plan	11 Feb	R1	Yes
Design Doc		R1	Yes
Sprint 3	17 Feb	R1	No
Test Plan Tracker		R1	Yes
Sprint 4	3 Mar	R1	No
Release 1	3 Mar	R1	Yes
Sprint 5	27 Mar	R2	No
Sprint 6	14 Apr	R2	No
Sprint 7	24 Apr	R2	No
Release 2	27 Apr	R2	Yes