

# PROJECT PLAN DOCUMENT

Project number	<b>28</b>
Project Title	<b><i>Remote pregnancy monitor</i></b>
Document	Project Plan
Creation date	<b><i>7<sup>th</sup> Feb 2022</i></b>
Created By	<b><i>Ananya, Bhargavi, Kiran, Rohan</i></b>
Client	<b><i>Mr. Ramesh Maturi</i></b>

## Brief problem statement

Pregnancy care is 9 months long and involves multiple visits to the Doctor. It involves multiple tests at scheduled time slots and some of the tests if missed cannot be done and result in unpleasant consequences. The care involves multiple parameters to be monitored and compared with earlier readings for proper interpretation. Apart from the medical needs, pregnancy is emotionally challenging, especially for the first pregnancy and need for support and guidance especially in the nuclear families is high. In the public health perspective, the obstetric services in government funded hospitals are overcrowded and it is very difficult to give focused care and hence it is more important to leverage technology to remotely monitor pregnant women.

## Team Members

Kurukunda Bhargavi 2020101077

Sudi Ananya 2020101075

Bhumireddy Kiran Reddy 2020101064

## Team Communication

Meetings with client:

- Monday : 7:30pm
- Thursday: 7:30pm

The above are the scheduled timings with the client but can vary a little

Team meeting:

- Compulsory meet on the day before the client meeting
- Casual meetings to solve errors and problems happened atleast thrice a week

## Development Environment

- Frontend: Flutter
- Backend: Firebase
- Programming language: Dart
- Tools: Zoho CRM (Already stored data)

## Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Login and registration	7 <sup>th</sup> Feb 2022	R1	yes
Code completion for login and registration	6 <sup>th</sup> Feb 2022	R1	no
Testing for login and registration	7 <sup>th</sup> Feb 2022	R1	no
Profile pages	16 <sup>th</sup> Feb 2022	R1	yes

Fetch data from zoho servers	15 <sup>th</sup> Feb 2022	R1	no
Code completion for profile pages	16 <sup>th</sup> Feb 2022	R1	no
Testing for profile pages	16 <sup>th</sup> Feb 2022	R1	no
Vital parameter input form	18 <sup>th</sup> Feb 2022	R1	yes
Push data to zoho servers	17 <sup>h</sup> Feb 2022	R1	no
Code completion for vital parameter form	16 <sup>th</sup> Feb 2022	R1	no
Testing for input forms	18 <sup>th</sup> Feb 2022	R1	no
Notifications for patients	24 <sup>st</sup> Feb 2022	R1	yes
Code for notification for patients	22 <sup>nd</sup> Feb 2022	R1	no
Testing for notifications for patients	24 <sup>th</sup> Feb 2022	R1	no
Notifications for doctors	25 <sup>nd</sup> Feb 2022	R1	yes
Code for notification for doctors	24 <sup>d</sup> Feb 2022	R1	no
Testing for notifications for doctors	25 <sup>h</sup> Feb 2022	R1	no
Bulk notifications	28 <sup>th</sup> Feb 2022	R1	yes

Code for bulk notifications	27 <sup>nd</sup> Feb 2022	R1	no
Testing for bulk notificatons	28 <sup>th</sup> Feb 2022	R1	no
Teleconsultation	16 <sup>th</sup> Mar 2022	R2	yes
Integrating with 3 <sup>rd</sup> party API	12 <sup>th</sup> Mar 2022	R2	no
Code and test for teleconsultation	16 <sup>th</sup> Mar 2022	R2	no