



BANNARI AMMAN
INSTITUTE OF TECHNOLOGY
An Autonomous Institution Affiliated to Anna University,
Approved by AICTE, Accredited by NAAC with 'A' Grade



HACK BIT-2021

Team Name: Syntax Error

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PROBLEM STATEMENT

Amidst this pandemic situation, the weekly diagnostic tests, scans and investigations are not being done regularly. Pregnant women are doubtful and concerned about their actions, the safety of themselves and the fetus. The absence of an information exchange system or a live tracking facility for the mother's health can lead to more fear, stress and anxiety, or possibly even fatalities.





OBJECTIVES



- **Provide 24/7 medical assistance**
 - Medical assistance will be provided on demand for constantly faced health problems during pregnancy, through an expert network panel of doctors, nurses, and/or a community of other pregnant mothers and midwives over chat/call.
- **Maintain Patient database**
 - Constant logging of patient data like heartbeat, physical activity, breathing levels, sleep patterns through **fitness band** provided along with our subscription. Such constant health monitoring will serve as a relief for mothers-to-be who are alone at home.
 - Weekly patient reports uploaded manually/automatically after consultation with the doctor so that they are accessible when and where required.
- **Emergency SOS Feature**
 - In case of any sudden anomalies in vitals, the user can click on 'SOS' button provided in the app which will immediately notify the emergency contact provided and/or nearest health facility.
- **Provide Community Support**
 - Mothers can share their thoughts, queries and feelings with fellow mothers-to-be either through chat/call or by sharing articles, blogs describing their pregnancy journey.
 - Experts can also share health tips, audio and/or video tutorials for meditation, pregnancy exercises etc.
- **Provide as a cost effective subscription**
 - Base package subscription: 12 Months (9 months-gestation period + 3 months postnatal care).



TECHNOLOGY STACK

UI Design	Frontend	Backend	Database
Framer  Framer	Flutter  Flutter	Google Firebase  Firebase	NoSQL  NoSQL

USE CASE



Purpose: Describe use cases that PregAngel App provides to its customers.

Summary: Customer uses the app to consult medical experts, monitor body vitals and activity, chat, call and share experiences with community and for emergency notifications.

