Design Doc Template

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# Introduction

## Summary

Non-technical project overview, also known as an executive summary or elevator pitch. Intended to quickly summaries the problem you are trying to solve.

* The death of women during delivery of child is still a case to be addressed.
* The lack of awareness in rural areas , the unavailability of doctors and health counsellors , lack of education on women/mother heal , hygiene and sanitation are primary cause of such death cases.

## Background

The problem statement, what are the issues you are trying to solve, what gaps currently exist, etc.

* **Every day, approximately 830 women die from preventable causes related to pregnancy and childbirth.**
* **99% of all maternal deaths occur in developing countries.**
* **Maternal mortality is higher in women living in rural areas and among poorer communities.**

What overlaps will your solution have and how is it differentiated from the existing tooling.

* SURAKSH MAA creates awareness regarding nutritious diet and hygiene to pregnant women.
* It also allows users to connect to nearby hospital or any PHC on one tap.
* The app provides user with an option of selecting the month of pregnancy after logging in.
* It gives information about **care and tips** to be followed during each and every month.
* It also sets schedules, **reminders** regarding intake of water and walking steps.
* The app provides “**tip of the day** “ to the user which makes it more user-friendly.

# Design Overview

## Requirements

Project requirements, this can include requirements from customers, partners, or overseeing teams. The requirements for the project, this may include subsections for various types or sources of requirements

To use our product the user needs only a mobile app with a valid phone number

## Stretch goals

Stretch goals include functionality beyond the scope of the minimum viable product that should be include in the project should time and budget permit. Unlike future work, stretch goals would be smaller tasks for features in support of the minimum viable product.

In the future we are trying to implement our solution and even give exercise tips

## Future work

This may include ongoing support, expansion of the original scope, work that requires transitions in project ownership, or details of projects designed to be broken up into multiple phases.

In the future we are trying to implement our solution and even give exercise tips

# Application Programming Interface

For services, libraries, and command line interfaces that present an interface which can be wrapped

We have used open google SDK’s to do our product

## Recommendations

Using a versioned endpoint simplifies the process of making future backwards incompatible API changes;

/api/v0 User Interface

For frontends, a mockup canbe attached to illustrate the user interface. Command line interfaces may include a list of subcommands and their options.

We have made our mobile app using android studio

# Project Overview

## Communication and Tracking

Any relevant distribution lists, slack channels, taiga projects, etc

## Risks

Anything that may put the project at risk; potential delays, dependence on work done by other teams, hardware procurement, or reviews.

Risks may also include assumptions of the project's external dependencies. These may be lower level project dependencies that are tracked outside of the immediate project scope and assumed to already be in place. For example, "project x assumes OS version y will be available in the market."

Our Competitors are other similar applications which

are build with motto of helping pregnant women.

Few of them are –

* BabyCenter
* Totally Pregnant App

References

Links to any supporting documentation, other projects, or reference material

<https://www.who.int/news-room/fact-sheets/detail/maternal-mortality>

https://drive.google.com/file/d/1TGQjq1k1JzX-9pswrwu4rZmCOg9YOHyd/view?usp=drive\_web