

Team Name: **api_404**

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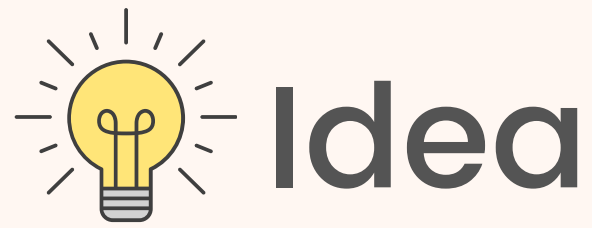
Nirog

A step to new normal

Theme

Health





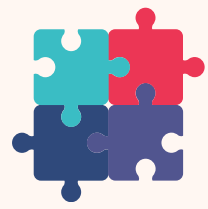
As we started exploring the various problems still prevailing in our society we noticed we still the problem of child vaccination and the whole system of it needs a major revamp to cope up in today's modern and fast-growing world.

We started to look at some statistical data regarding child mortality rate and the figures globally are still in bad condition.

For instance, In 2018 an estimated 6.2 million children and adolescents under the age of 15 years died, mostly from preventable causes. Of these deaths, 5.3 million occurred in the first 5 years, with almost half of these in the first month of life.

The major cause of this the gap between the hospitals and the people. For instance, we have swiggy for getting food at an instant but we dont have any system where we can check the availability of anything in hospitals like vaccines or rooms. Because even a minute can save a person's life.





Solution

Thinking about the solution, as we all know as the Indian market is still growing in the smartphone industry and people use mostly android we can make an app that would bridge the gap between people and hospitals

- Also, due to a lack of proper knowledge, many people neglect the vaccines or forgets about them so our app will keep a track of the vaccines which are given to a child and which are not. Also, our app aims to provide awareness among the masses about the vaccines and the new vaccines that will be available.
- Also, the system will have a web portal for the registered hospitals to sign in and update their data accordingly so that people do not waste time on unnecessary traveling. Also, people will be able to book appointments for vaccination of their child or other check-ups.
- Furthermore, the registered hospital's doctors can make guides and video tutorials which will be available on our app. Those will be the guidelines for common problems mothers face in the early years of motherhood. This will also help mothers a lot in their lives.

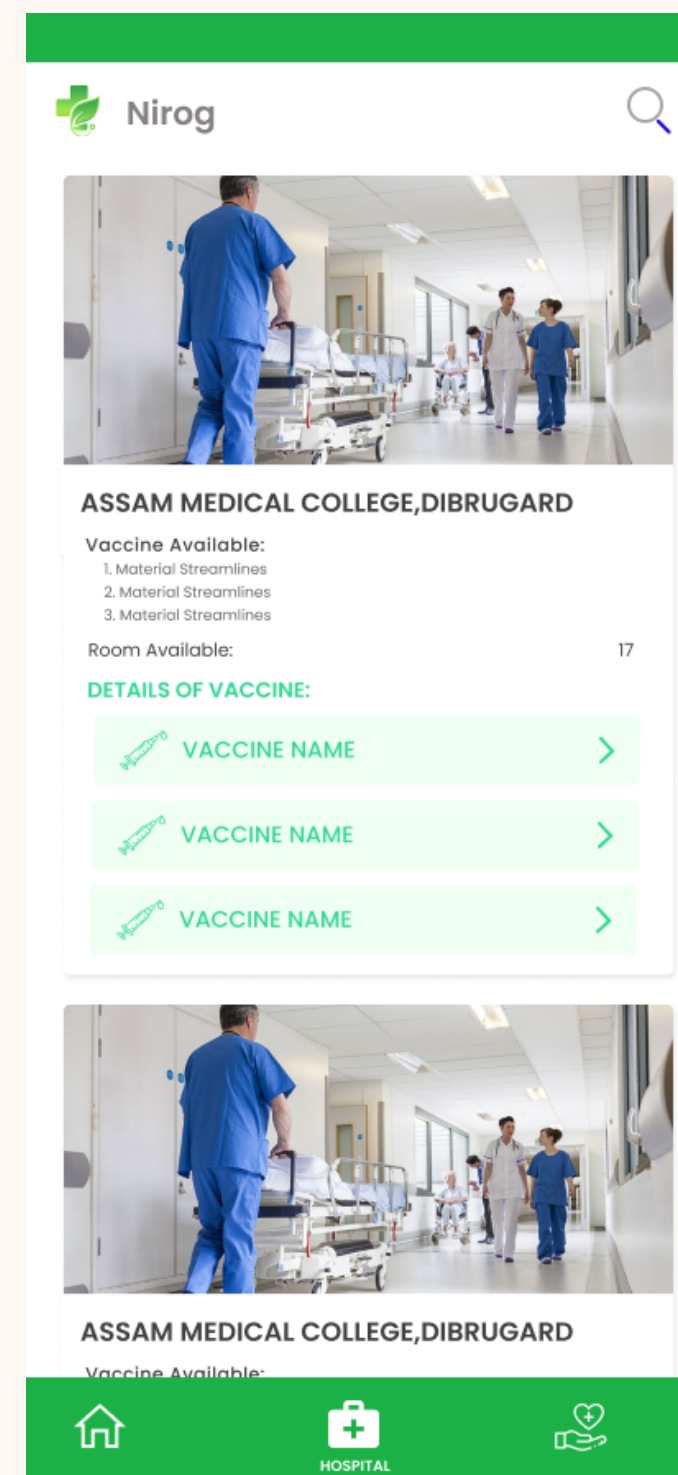
Moreover, our app will focus on the health guidelines set by WHO.

Prototype

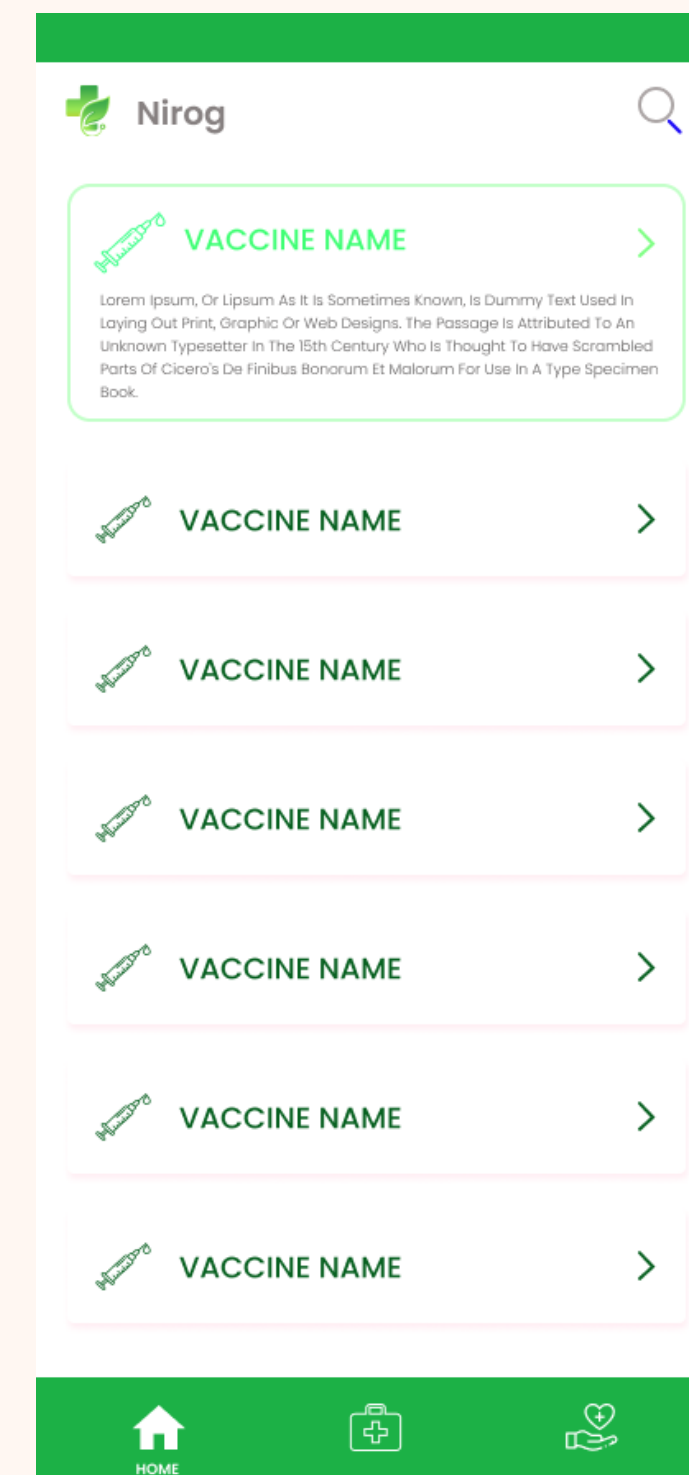
A basic look of the app has already been designed as a prototype and hence this is just a basic look of the app

Here in home screen we will have the vaccines name of all the vaccines which will be given to the child and this list will generate as per the age of the child.

In the hospital section, one can see the list of hospitals registered to our portal.



Hospital Screen



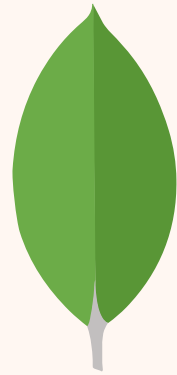
Home Screen



Web Development

express

Express



Mongo DB



Node JS



CSS 3



HTML 5

Android Development



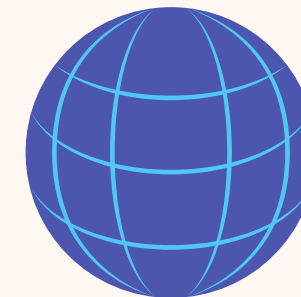
Java



Firebase



Android



Retrofit

Use-cases

Immunization is cited by numerous experts as one of the greatest public health achievement of the past century. In recent decades, a remarkable number of vaccines have been introduced for babies into countries across the globe

Unfortunately due to lack of knowledge or services, proper vaccination of babies is often neglected.

The purpose of this App is to guide user about proper vaccination, their respective time of vaccination and information of nearest hospital for vaccination and consultation.

This App is basically used by parents for their new born babies.

Dependencies

Our idea is to develop a portal for the hospitals. At present we are dependent on the National Health Mission Website, for the latest information regarding vaccines. Moreover, we will be taking the help of some external APIs for the vaccine information. So there is no major blockage as of now.

But, we have planned to analyze the data which we will get from the users, we will use machine learning for understanding the behavior of the users so that we can improve the portal in the future. But for analysis, we will need a lot of data, so at this point, we have no plan to integrate Machine Learning, but we have thought of it as an expansion idea.