

FULL STACK DEVELOPMENT

TEAM NAME - BOTS

MEMBERS -

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COVI-DRIVE

An Initiative to achieve efficient vaccine distribution door to door

Problem the website would solve

- Overcrowding at vaccination centers and hospitals all across the country.

We would be using mobile vaccination vans to vaccinate the entire population. It would be a door to door service and it would also be beneficial for the old and specially-abled people who found it difficult to reach various vaccination centers.

People would have to register on the site we would be providing and would have to choose their suitable time slots and dates (in the same manner as they do in cowin website)

- There was no efficient system that would ensure the minimum wastage of vaccines.

We would be ensuring that the mobile van would reach only those localities from where a specific number (10) of people would have registered. We would be verifying this, as the user of this website would have to upload the documents

(Aadhar card, Names, Mobile No, Location) of a minimal of 10 people and also a confirmation of each and every member of this group (signature) regarding the same. There would be 3 step registration processes-

1. Details of persons to be vaccinated (Name, Contact No., and Emergency Contact No.).
2. Important documents to be submitted for verification (Aadhar Card) of every person in that group.
3. To select the suitable date and time slot for vaccination.

After completing the registration process, you would be given a link to download the registration form which would contain an application number for that particular group. You would be required to show the application form to the person on duty. Cancellation is allowed but only if it is for the entire group and not for a particular individual and that too at least 2 days before. Swapping of two individuals is also allowed and it would take place on the spot.

Limitations of our solution approach

- Document verification would be a manual process which would definitely be a time consuming process.
- Since we are using firebase as our database hence there would be data limitation.
- Also cancellation of 1 person would lead to the cancellation of the entire group.

Various features of our website

- First of all, the user would need to sign up into our website using his mobile number. An OTP would be sent to the individual who would confirm his account existence.
- The landing page of our website would contain all the necessary details such as the guidelines to be followed, how the website works, various helpline nos., FAQs etc.
- There would also be a volunteer login which would be displaying the entire data of the registered people. This section of the website would be handled by the people responsible. There would be 2 options i.e. a tick and a cross. The tick

implies that the person has been vaccinated whereas the cross signifies that the appointment has been cancelled.

- Also there would be a modal for FAQs and also a dashboard that would display the entire statistics (no of people registered etc.)
- Upon clicking the register button, the 3 step verification would begin as explained earlier...

Technologies used in our website

- HTML5
- CSS
- Java Script
- React.js
- Material UI
- Firebase (Authentication, Real time database...)
- Redux

LANDING PAGE OF OUR WEBSITE (figma)

An Initiative to achieve efficient
vaccine distribution door to door

REGISTER

Join the fight against COVID-19



How it works

1

LOG IN/ SIGN UP

User is required to sign up using their phone number.

2

REGISTER

Provide us with all the details and documents. Download the verification slip.

3

GET VACCINATED

Follow the guidelines and get the vaccine on the given schedule.

Guidelines

Registration Guidelines

1. Enter the details of all 10 members to be vaccinated along with their important documents for verification.
2. Select the suitable date and time slot for vaccination.
3. The next step would be to download the verification slip as soon as the slot is registered.

Documentation Guidelines

1. Documents must be in a specific format i.e. Aadhar Card followed by a recent photograph of each individual present in that group.
2. Upload the documents required for verification for every individual.
3. Strict action would be taken against those who would be involved in unfair practices.

On the spot Guidelines

1. Every individual must be present within the given time slot with verification slip.
2. Masks would be mandatory along with social distancing.
3. Avoid involvement of individuals not present for vaccination.

FAQs

Q1. Which age groups can register for vaccination on the Covi-Drive portal? -
All citizens aged 18 years and above can register for vaccination.

Q2. How many people can be registered in the Covi-Drive portal through one mobile number? +

Q3. Can I register for vaccination without Aadhaar card? +

Q4. Is there any registration charges to be paid? +

Q5. Can I download verification slip? +

Q6. Do I have an option for cancellation of appointment? +

Q7. Can I get vaccination without appointment? +

Q8. Which documents should I carry with me for vaccination? +