

Company Name -

Flipr Innovation Labs

About Company -

Flipr brings forth holistic solutions that will enable individuals to reach the next step in their career with confidence. They not only bring forth opportunities, but also help individuals identify skill gaps and enable them to fix those gaps. They plan to connect high skilled developers with relevant projects, ensuring on-time delivery to the client companies and assist in quality hiring and talent acquisition. They aim to create synergy between exceptional opportunities and worthy talents advancing towards a more creative and progressive ecosystem. They are transforming the perception of India, representing it as a product-based country from a service-based country on a global platform branding it as a world leader.

Theme -

Crisis Response and Healthcare

Prize -

1. The internships will have the following perks
 1. 2-3 months duration
 2. 10k – 20k per month stipend depending on skill set
 3. Certificate

Problem Statement -

Summary:

Create a website for the COVID-19.

The website will be going to include the following information:

- 1) Contact & Helpline Information
- 2) Notification & Advisory from the government Information.
- 3) Hospital Dashboard
- 4) Comparison of daily sample tests and confirmed cases of the patients.

Tasks in detail:

1) Contact & Helpline Information:

Using the below API, fetch the contact helpline number information for all the States and Union Territories.

API URL: <https://api.rootnet.in/covid19-in/contacts>

Please show data in the **table form** for all the States and Union Territories available in the API.

2) Notifications & advisories:

Using the below API fetch the notification and advisories information.

API URL: <https://api.rootnet.in/covid19-in/notifications>

Please show data in the **table form** for all the notification & advisories available in the API.

3) Hospitals Dashboards:

A. Hospitals & beds:

Using the below API fetch the rural and urban hospitals & beds information for all the states and Union Territories.

API URL: <https://api.rootnet.in/covid19-in/hospitals/beds>

Please show data in the **table form** for all the States and Union Territories available in the API.

B. Medical Colleges & beds:

Using the below API fetch the rural and urban hospitals & beds information for all the states and Union Territories.

API URL: <https://api.rootnet.in/covid19-in/hospitals/medical-colleges>

Please show data in the **table form** for all the States and Union Territories available in the API.

4) Plot a graph for the Deceased person

- Upload data given to database
- Create an API which includes the data points “**patient id, reported on, age estimate, gender, state, status**”.
- Through the API, plot a graph for the **Deceased** person.
- Also, include the filter of **State, Gender, Age Groups and Date Range**.
- Give the download button, to download the graph in pdf format.
- Give the text bar where the user can enter the mailing address and can also send the graph pdf on click.

In case participants don't know the backend, they need to at least create the respective design.

Deployment Work:

1) Upload the code on any version control like github, gitlab, bitbucket

2) Deploy the frontend and backend code on any cloud platform like AWS, Microsoft

Azure, Google Cloud, Heroku or any other platform.