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My contributions in the CoviApp Project:

- Was actively involved in the whole project which consisted of three parts:
  - App Frontend
  - App Backend
  - Dashboard Frontend
- Specifically managed the designing of the dashboard to show patient data.
- Used a Javascript framework (React.JS) along with several other libraries to build the dashboard which has the following facilities:
  - Refreshes and updates all data after every 30 seconds so that updates are revealed as fast as possible.

*Data is fetched from an API which sends the data (entered via the smartphone app) from the database.*

- Has a central table which displays all data in a tabulated form with custom sorting and searching features.

*The table shows important data such as SpO2, Heart Rate, Temperature, Time of last update, etc and the data can be sorted according to the values of these attributes.*

- Individual monitoring of student data with graphs designed using Chart.JS, consisting of the following graphs.
  - Temperature v/s time
  - SpO2 v/s time
  - Heart Rate v/s time

*Also, another table consisting of all this data in a tabulated form was made.*

- Contributed towards testing the smartphone app, reported bugs and requested for bug-fixes.



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Animesh Mukherjee