**Objective:**

Covid 19 tracker is an website used for tracking and analysing the cases and vaccinated people in india

**Users of the System:**

1.   Admin

2.   Customer

**Functional Requirements:**

* Additional information on covid 19 are given in read more
* Each side navigation icons has its own specific contents
* Vaccinated and non vaccinated are also mentioned with the percentage
* Vaccine 1st and 2nd dose are vaccinated by 54.9% of the people in india currently
* Affected people of covid 19 are differentiated by active ,confirmed , deceased recovered
* Total number of people vaccinated doses are also administrated
* The tabular column reffered here is mentioned the number of people affected by covid 19 are differentiated by state wse and differentiated by active conformed deceased recovered
* Indian map mentioned here indicates th states with coloured effects menton the covid affected and delivers contents of states

**Output/ Post Condition:**

* Covid 19 tracker with real time data and easy to access website

**Non-Functional Requirements:**

**Security**

* Secured website
* Covid 19 tracker website may not access any private and sensitive data

**Performance**

* Peak Load Performance (during Festival days, National holidays etc)

**Availability**

       99.99 % Availability

**Standard Features**

* Scalability
* Maintainability
* Usability
* Availability
* Failover

**Logging & Auditing**

* The system should support logging(app/web/DB) & auditing at all levels

**Cloud**

* The Solution should be made Cloud-ready and should have a minimum impact when moving away to Cloud infrastructure

**Browser Compatible**

All latest browsers

**Technology Stack**

* HTML
* CSS
* Java Script

**Website assumptions:**

1.   The website is first loaded

2.   The real time data with case conformed data is displayed

3.   Navigation pane is on left top corner containing the other information are displayed.

4. Pictorial representation is dsplayed at the bottom of website

5. queries box is inserted at the bottom right corner of the website

**Validations:**

1.   Website does’nt require any validation

**P roject Tasks:**

**API Endpoints**

**Frontend:**

**Public:**

1.   **Dashboard / Home**: Design a home page component named (Name the component  ***HomePage***for react app. Once the component is created in react app, name the jsx file as same as component name i.e HomePage.jsx file) that has the navigation bar and lists all the available products as grid elements with appropriate filter options.

* + Ids:
  + userNavigation bar \

**Backend:**