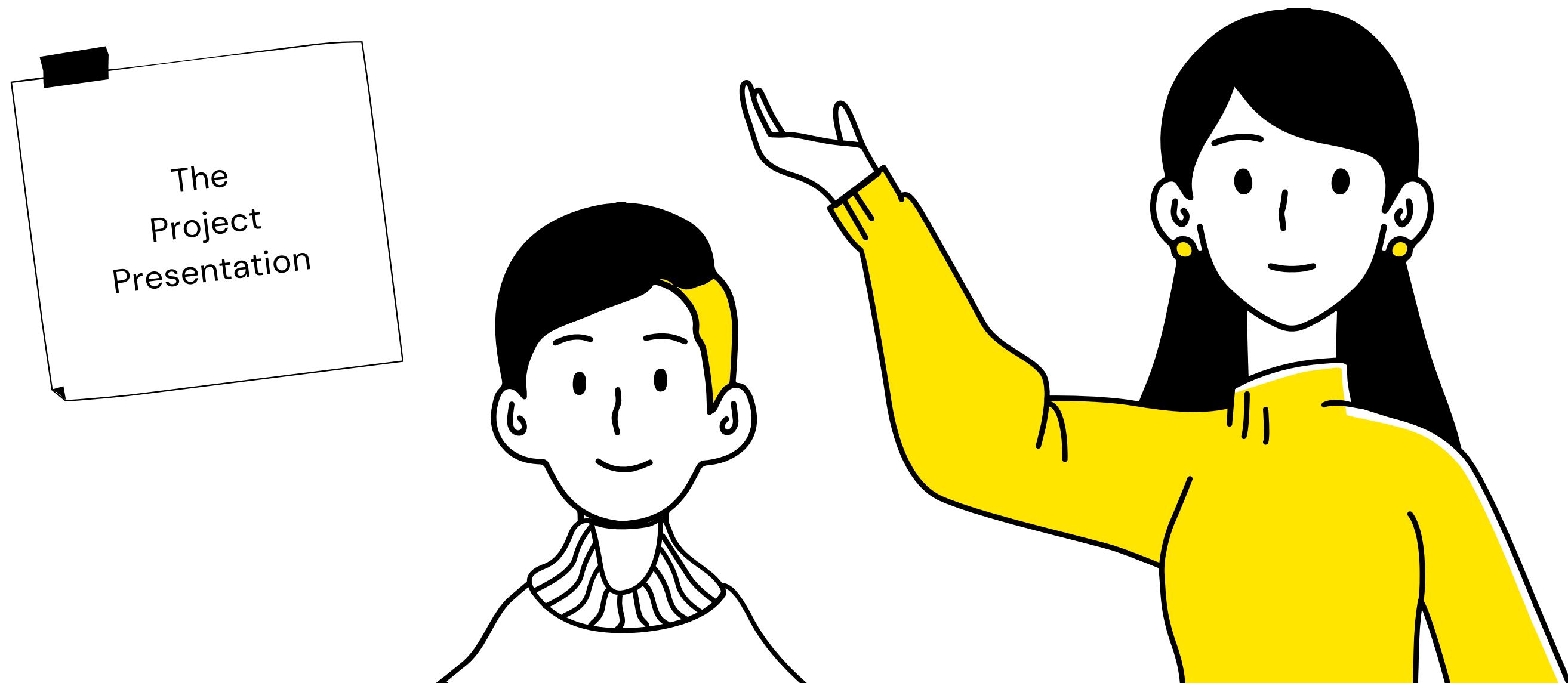


Team S-Square

Covid Vitals



Problem Statement

All of us have faced the tough COVID situation in recent days, where we all had noticed the posts and stories regarding the COVID-19 vitals like Remidisivirs, Dexamethasone, Oxygen Cylinders, etc. Requirements frequently. The problem was still not limited to the posts and requirements, also there were several other difficulties associated with them:



1 Insufficient Information



3 Limited display periods



2 Not Specific Platforms



4 Psychological Pressure building

Solution Statement

The Situation was in fluctuation so, a need for a specifically designed platform was always there for common use, but still, it is not present. Team S-Square came out with a solution of developing a specific web application regarding the availability, shortages, and supplies of these COVID-associated vitals and bringing them into use before the Third Wave. The web app is specifically named after the product ie. "COVID VITALS".



Basic Information Schemas designed



Display until fulfilment



Specific Platform designed



Relative Specific audience
psychologically ineffective
comparitively

Team S-Square

Meet The Team

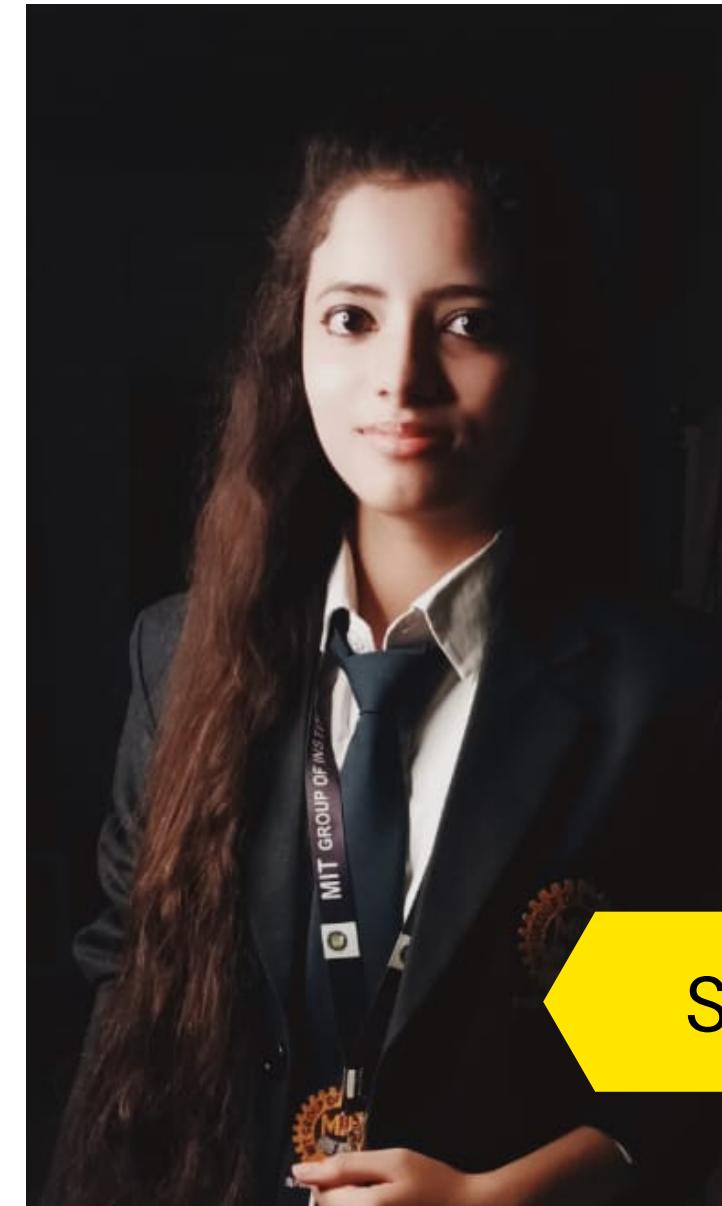
Shaurya and **Sidra** are the developers and content creators for the website codebase.

The goal of the website is to reduce the stress and anxiety associated with the tough COVID situation and also provide an easy solution to the Vitals unavailability condition

Shaurya



Sidra



1

Shaurya Sarswat

2000820100131

B. Tech. , 1st Year
Computer Science and Engineering

082- Moradabad Institute Of Technology
Moradabad, Uttar Pradesh – 244001

Technical Stack :

HTML 5

CSS 3

JavaScript

Mongo DB

Express

React.js

Node.js

Npm



1

Sidra Tul Muntha

2000820100134

B. Tech. , 1st Year
Computer Science and Engineering

082- Moradabad Institute Of Technology
Moradabad, Uttar Pradesh – 244001

Technical Stack :

HTML 5

CSS 3

Bootstrap 5

S.E.O



Let's get started!



Technical Statement

The web application is a NODE JS-based website. It works on the Embedded javaScript views. The “DOGS” route model is used for the rendering of various views.

The project is completely designed to add features every time a new query wants to be used and thus, the integration of various emerging domains like Machine Learning, Internet Of Things, Data Science, Artificial Intelligence can also be used in integration with the Mongo DB servers. This makes the project unique of its kind and provides future scope to it every time.

ASSOCIATIVE PERKS

1

Most Famous Tech. Stack

3

Long Term Support

2

Future Scope Possible

4

Easy integration and Duplication

Technical Statement

Technical Stack:

- 1.Database: Mongo DB
- 2.Backend Extension: Express JS
- 3.Backend Environment: NODE JS
- 4Framework: React JS

STACK COMMON NAME: MERN

Front-end :

HTML 5

CSS 3

JavaScript

Bootstrap 5

Back-end :

Express

React.js

Node.js

Npm

Mongo DB

Others :

S.E.O

Porting and Development Information

- Localhost
- Port: 3000

If trying to run on an online platform :

Go to app.js and change the port from 3000 to process.env.Port and make it to dial at "0.0.0.0".

1	Local Environment Port	Listen Port :	3000	localhost:3000/
2	Online Environment Port	process.env.Port	0.0.0.0	Cloud 9 Tested

System Requirements

The minimum system requirements for the Localhost routing and Views loading

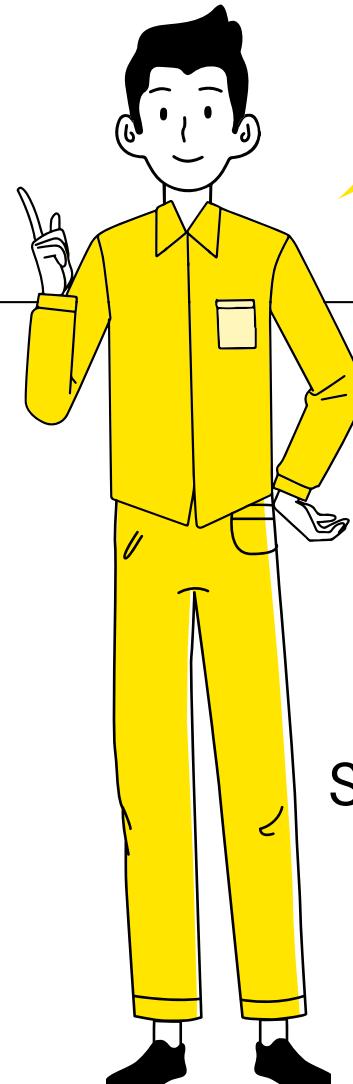
- | | | | | | |
|----------|---------------------|----------|--------------------------------|----------|----------------|
| 1 | Pentium 4 processor | 3 | 100MB of free hard drive space | 5 | 128MB of RAM |
| 2 | Windows XP + | 4 | OS X version 10.5.6 + | 6 | Service Pack 2 |

System Requirements for Developers

The system requirements for the setup of the development environment setup.

Node.js	Npm	Mongo DB	Platforms
Express			Amazon Linux 2 Debian 9 and 10 RHEL / CentOS 6, 7, and 8 SLES 12 and 15 Ubuntu LTS 16.04, 18.04, and 20.04 Windows Server 2016 and 2019
React.js		HTML 5	CSS 3
OS : Windows 10 OS RAM: 4 GB RAM FREE SPACE 10 GB		JavaScript	Bootstrap 5
Windows 7 or higher. Processor Base Frequency of 1.8 GHz or higher. 4 GB RAM or more. 75 MB of available disk space or more. Minimal screen resolution: 1366x768 pixels.		Viewport	latter meta viewport value

IDEA EXECUTION WARE-HOU



How this idea can be brought to motion.

1

Setup The Local
Environment

2

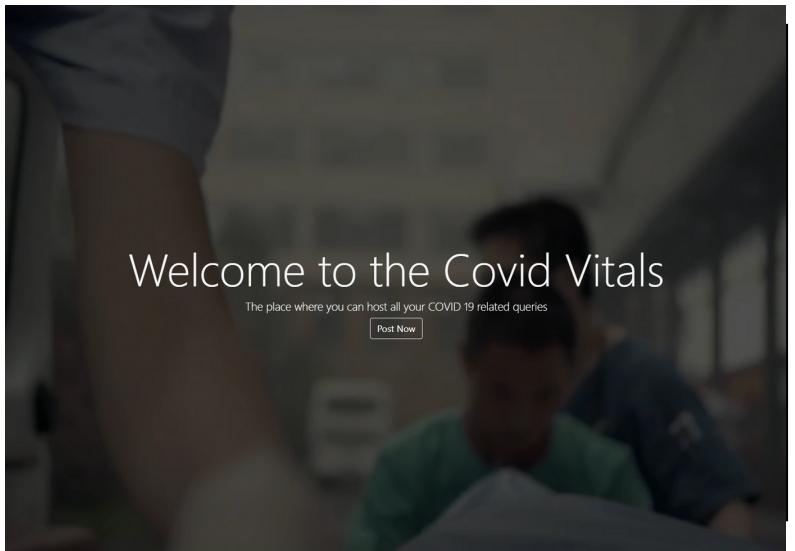
Run
node app.js
using cmd

3

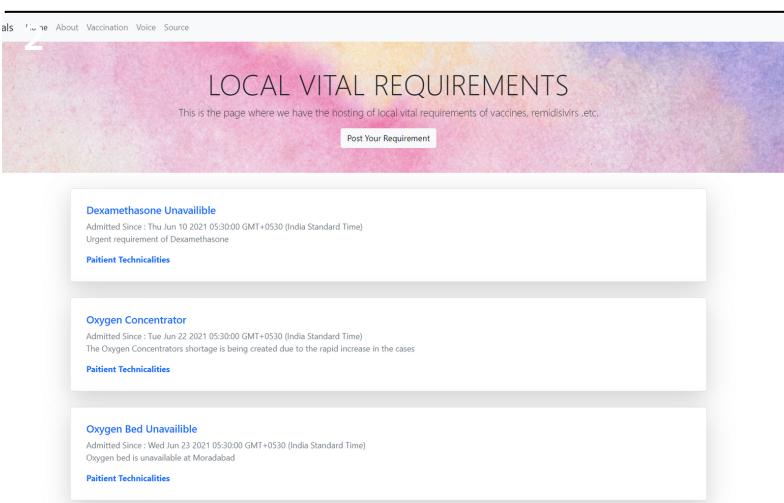
Dial
localhost:3000/
process.en.port

For Online
Environments:
Dial
process.en.port

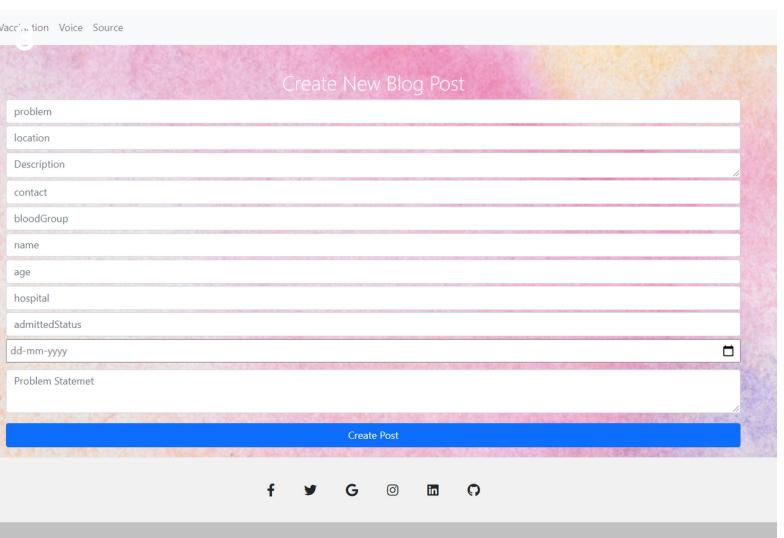
Ware-hou together frame



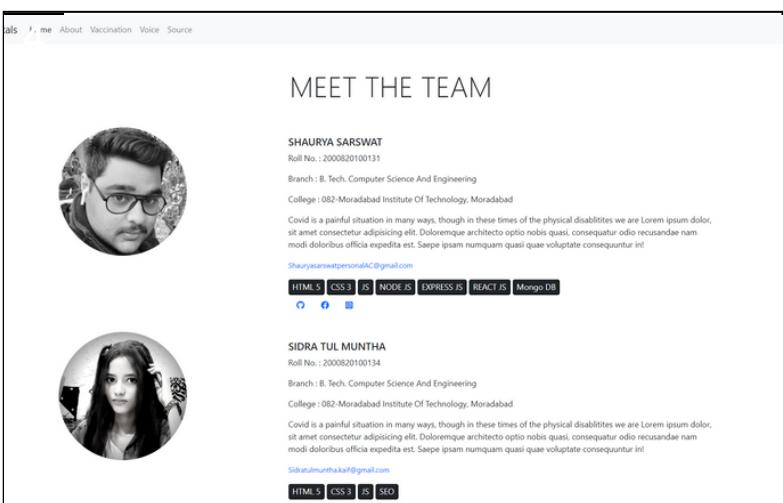
landing.ejs



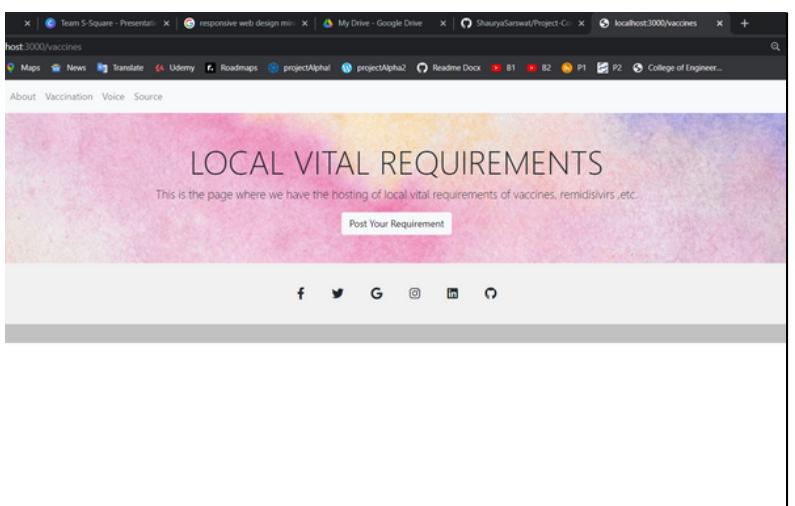
index.ejs



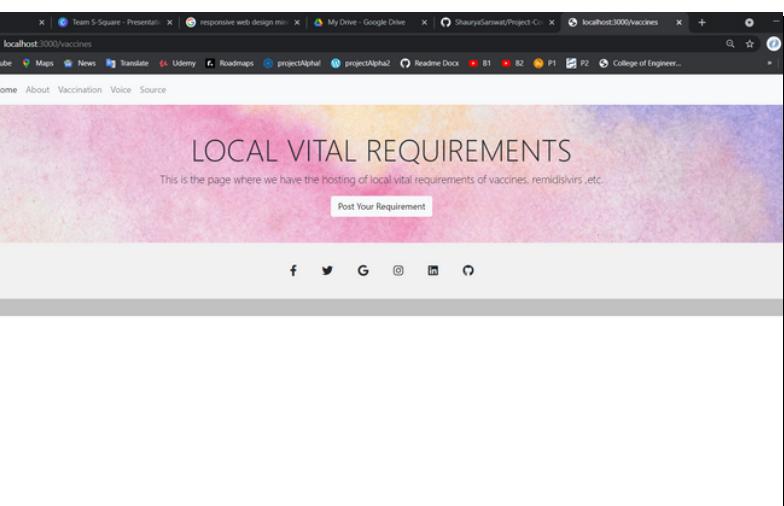
new.ejs



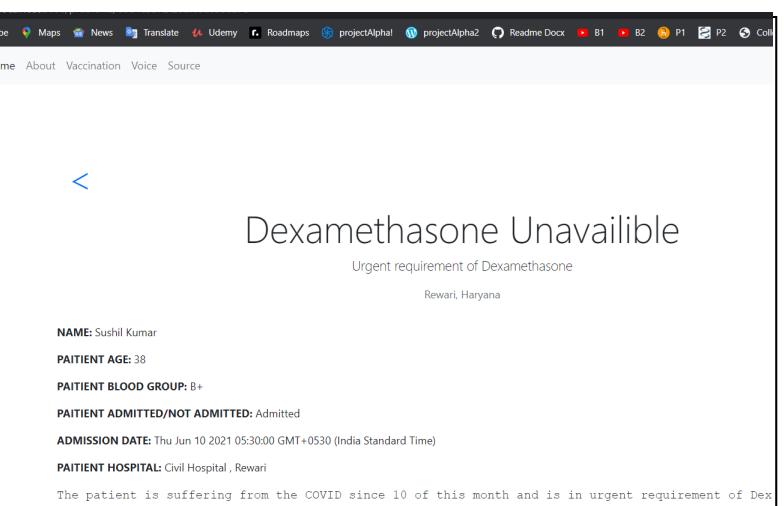
about.ejs



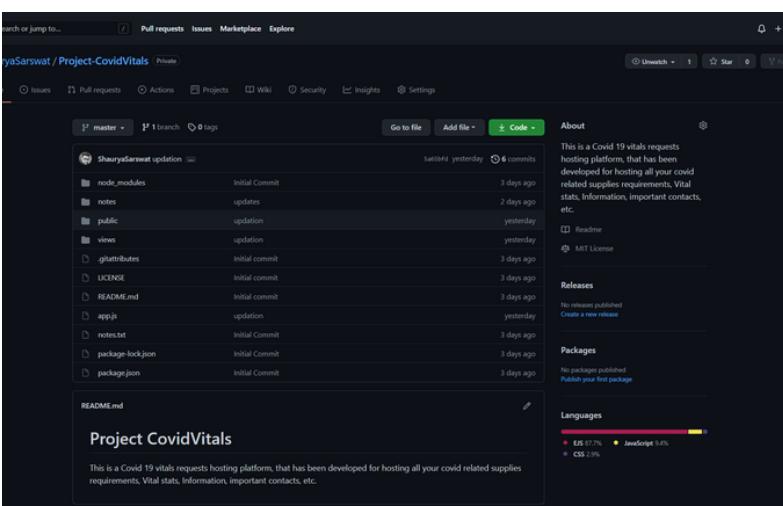
vaccination.ejs



voice.ejs



show.ejs



Source Code : Private

Future Scope Evaluation

1

Addition of New Views and Routes

2

Addition of the framework code and rules.

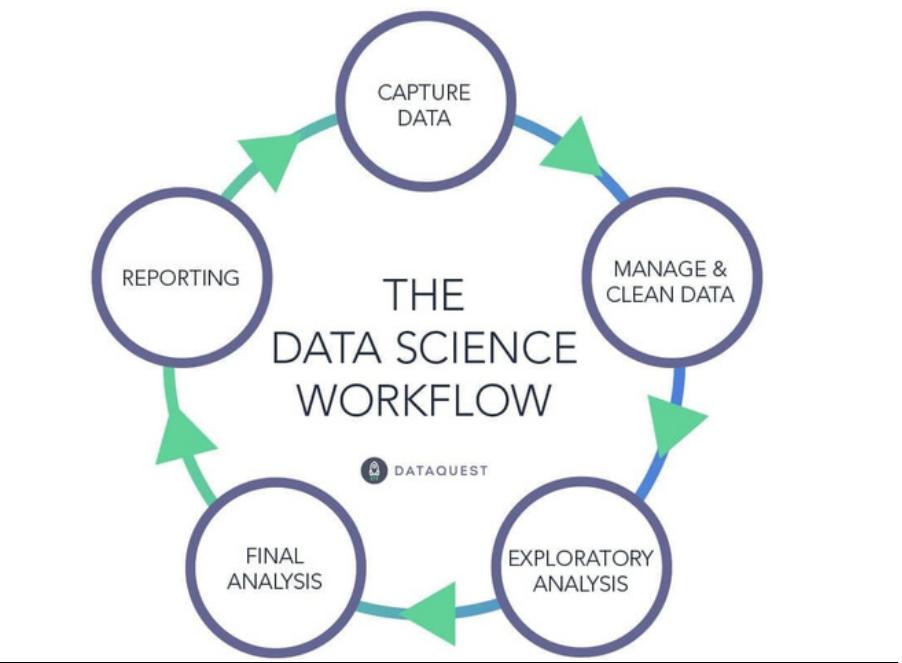
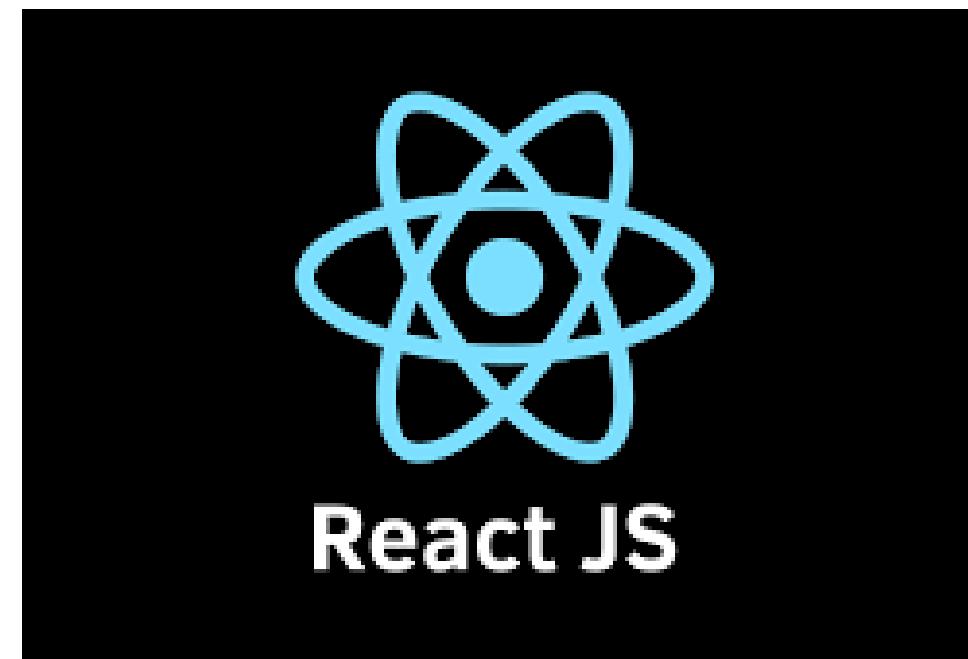
2

Data Science integration at the Database

2

Use of more Mongoose DBs for getting greater hands-on experience with the Data

Name	Date modified
partials	22-06-2021 12:27
about.ejs	24-06-2021 19:31
index.ejs	22-06-2021 11:38
landing.ejs	22-06-2021 20:45
new.ejs	23-06-2021 00:37
show.ejs	23-06-2021 00:45
vaccines.ejs	22-06-2021 18:48
voice.ejs	22-06-2021 12:30



A screenshot of a GitHub repository page for "Project-CovidVitals". The page shows the repository's structure, commit history, releases, packages, and language usage statistics. The commit history lists several commits from "SharyaSarswat" over the past few days, and the README.md file is visible at the bottom.

PROJECT SCREENSHOTS



Welcome to the Covid Vitals

The place where you can host all your COVID 19 related queries

Post Now

LOCAL VITAL REQUIREMENTS

This is the page where we have the hosting of local vital requirements of vaccines, remidisivirs ,etc.

[Post Your Requirement](#)

Dexamethasone Unavailable

Admitted Since : Thu Jun 10 2021 05:30:00 GMT+0530 (India Standard Time)
Urgent requirement of Dexamethasone

[Patient Technicalities](#)

Oxygen Concentrator

Admitted Since : Tue Jun 22 2021 05:30:00 GMT+0530 (India Standard Time)
The Oxygen Concentrators shortage is being created due to the rapid increase in the cases

[Patient Technicalities](#)

Oxygen Bed Unavailable

Admitted Since : Wed Jun 23 2021 05:30:00 GMT+0530 (India Standard Time)
Oxygen bed is unavailable at Moradabad

[Patient Technicalities](#)

Create New Blog Post

problem

location

Description

contact

bloodGroup

name

age

hospital

admittedStatus

dd-mm-yyyy



Problem Statement

Create Post



<

Dexamethasone Unavailable

Urgent requirement of Dexamethasone

Rewari, Haryana

NAME: Sushil Kumar

PATIENT AGE: 38

PATIENT BLOOD GROUP: B+

PATIENT ADMITTED/NOT ADMITTED: Admitted

ADMISSION DATE: Thu Jun 10 2021 05:30:00 GMT+0530 (India Standard Time)

PATIENT HOSPITAL: Civil Hospital , Rewari

The patient is suffering from the COVID since 10 of this month and is in urgent requirement of Dexamethasone supplies for the treatment. The patient is also eligible for the CO-6 category of the infection and the chance of survival depend on the quick availability of the vitals

MEET THE TEAM



SHAURYA SARSWAT

Roll No. : 2000820100131

Branch : B. Tech. Computer Science And Engineering

College : 082-Moradabad Institute Of Technology, Moradabad

Covid is a painful situation in many ways, though in these times of the physical disabilities we are Lorem ipsum dolor, sit amet consectetur adipisicing elit. Doloremque architecto optio nobis quasi, consequatur odio recusandae nam modi doloribus officia expedita est. Saepe ipsum numquam quasi quae voluptate consequuntur in!

ShauryasarswatpersonalAC@gmail.com

HTML 5 CSS 3 JS NODE JS EXPRESS JS REACT JS Mongo DB



SIDRA TUL MUNTHA

Roll No. : 2000820100134

Branch : B. Tech. Computer Science And Engineering

College : 082-Moradabad Institute Of Technology, Moradabad

Covid is a painful situation in many ways, though in these times of the physical disabilities we are Lorem ipsum dolor, sit amet consectetur adipisicing elit. Doloremque architecto optio nobis quasi, consequatur odio recusandae nam modi doloribus officia expedita est. Saepe ipsum numquam quasi quae voluptate consequuntur in!

Sidratulmuntha.kaif@gmail.com

HTML 5 CSS 3 JS SEO

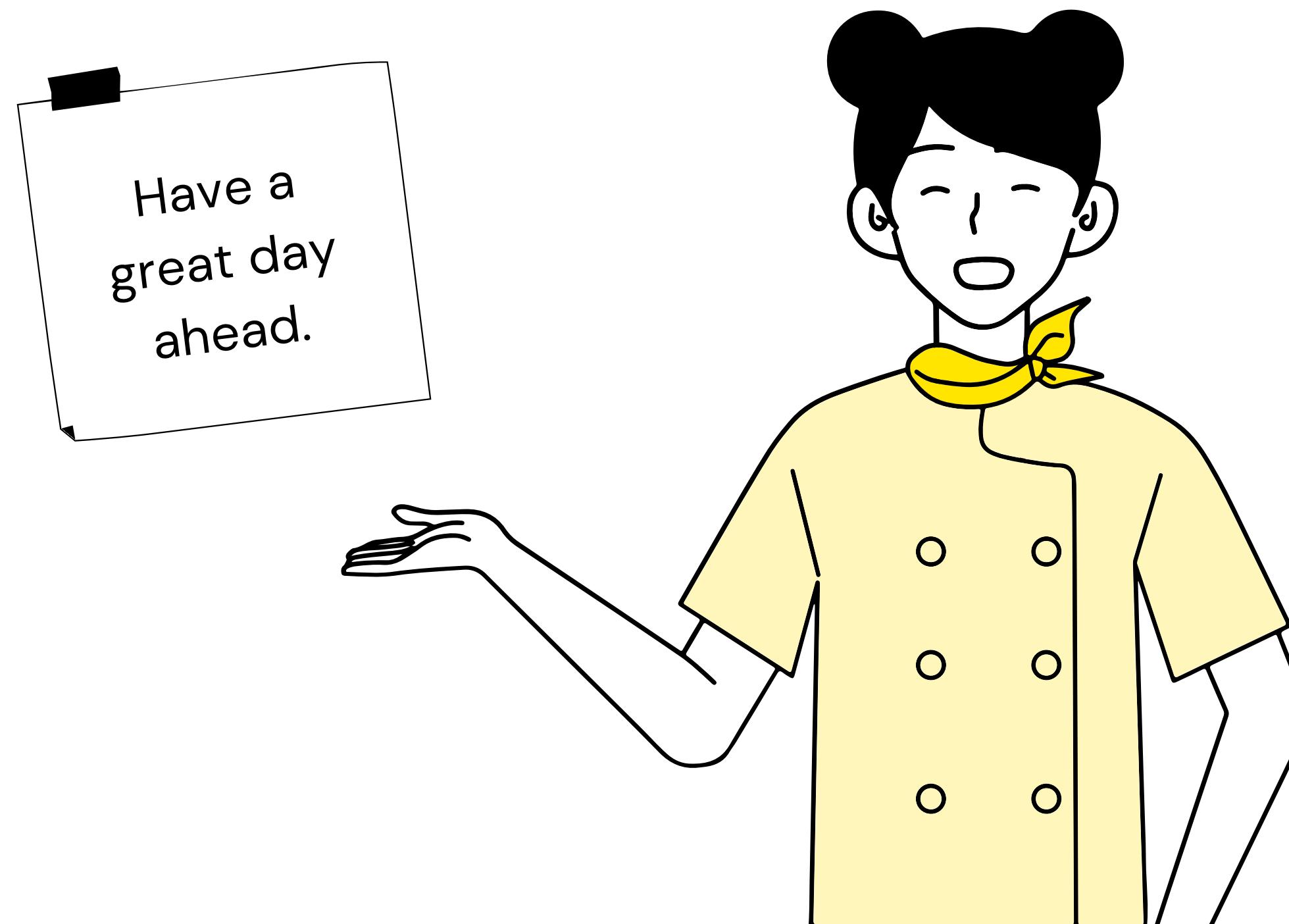


**Let's fight this COVID - 19
the same way it did fight
Humans.**

**Let's save humanity by
spreading thoughts, Ideas
and Resources**

Team S-Square

Thank you!



Covid vitals

By Team S-Square

WE ARE OPEN TO THE QUESTIONS
NOW