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Project Report

on

HOSPITAL MANANGMENT SYSTEM

Submitted to

LOVELY PROFESSIONAL UNIVERSITY

in partial fulfillment of the requirements for the award of degree of

Bachelor of Computer Science and Engineering

Submitted By   **Submitted to**

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LOVELY FACULTY OF TECHNOLOGY & SCIENCES

LOVELY PROFESSIONAL UNIVERSITY

PUNJAB

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CHAPTER 1 INTRODUCTION

1.1 Introduction

This   project let user to stay updated and connected with their respective hospital. Patients can book an appointment to their respective directly. No need to be queued.

For this Project (Hospital management System) I am using React JS, html, css, react js components, . Through out the while project for front-end.

Modules :

There are 6 different modules. I worked upon …
1. Patients Portal
2. Doctors Availability
3. Specialists
4. Contact Us
5. Feedback/Query
6. Career
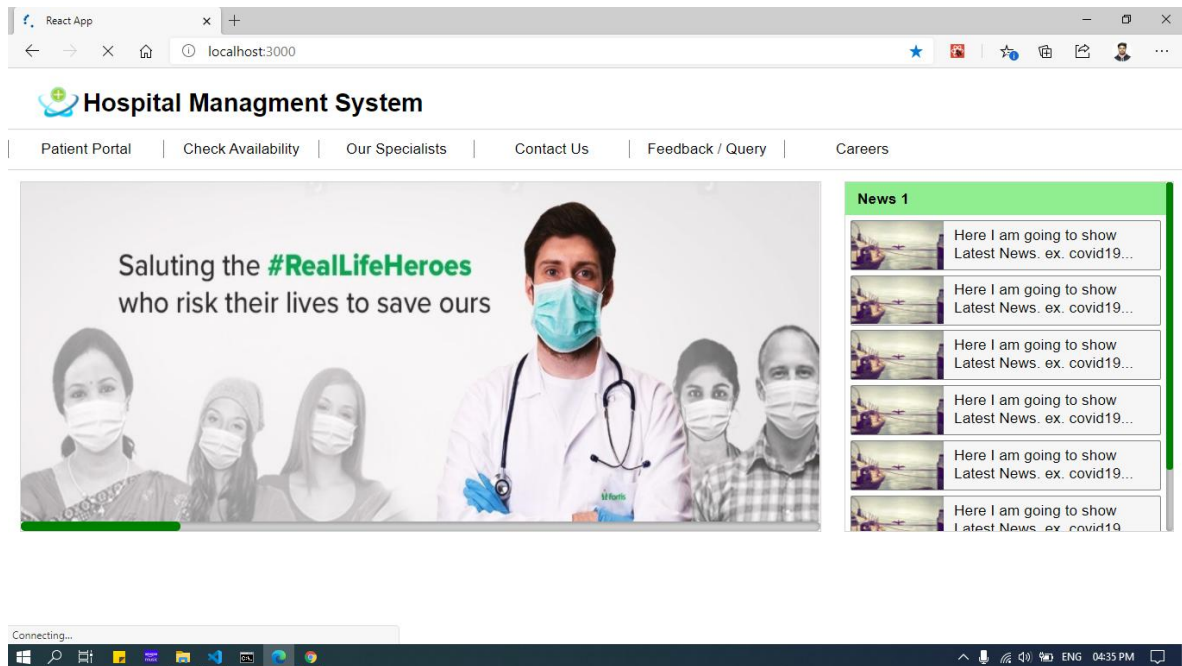
Image 1.1

This is the homepage.
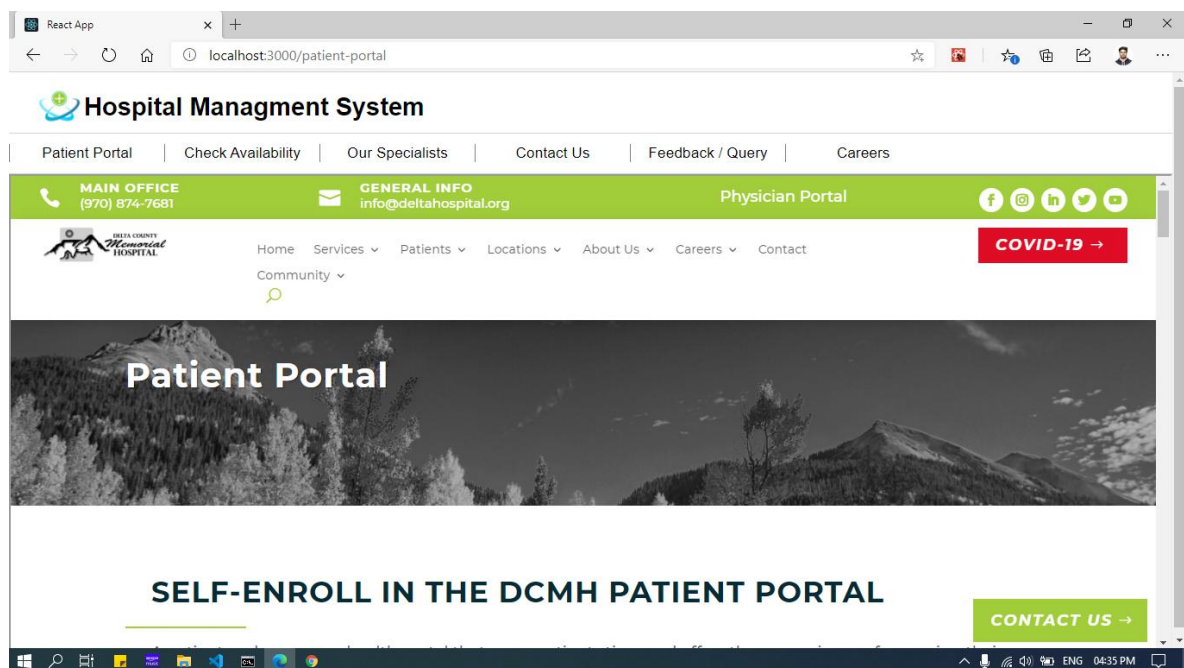
Image 1.2

Image 1.3

Image 1.4

6
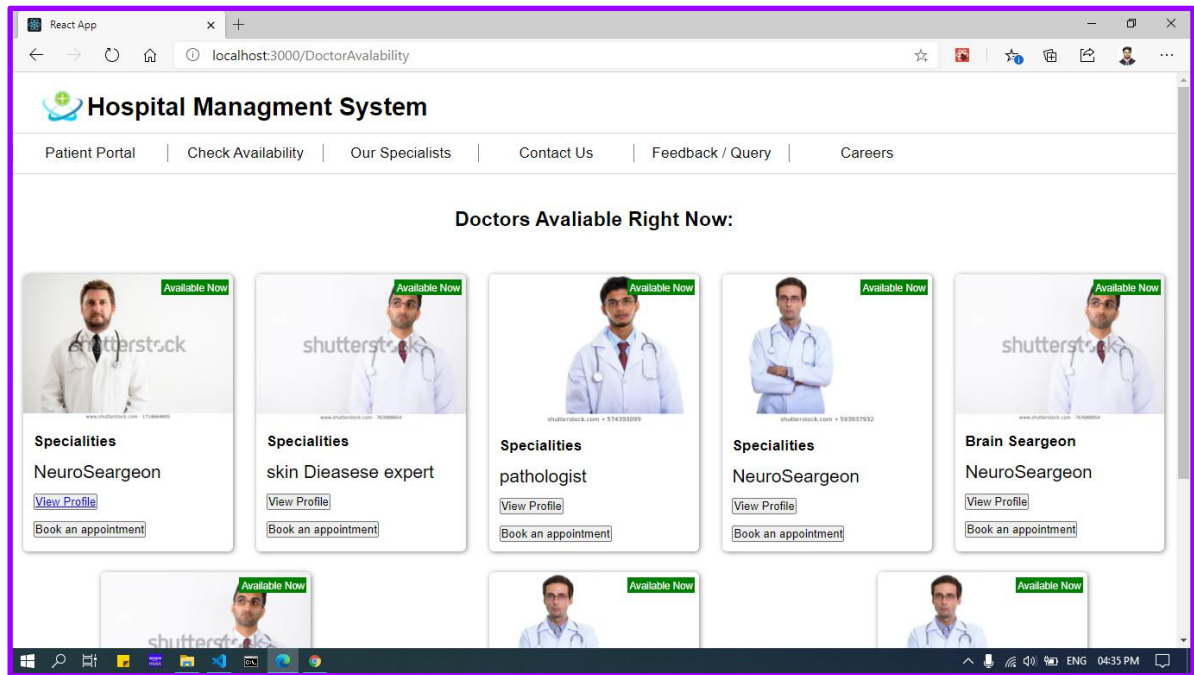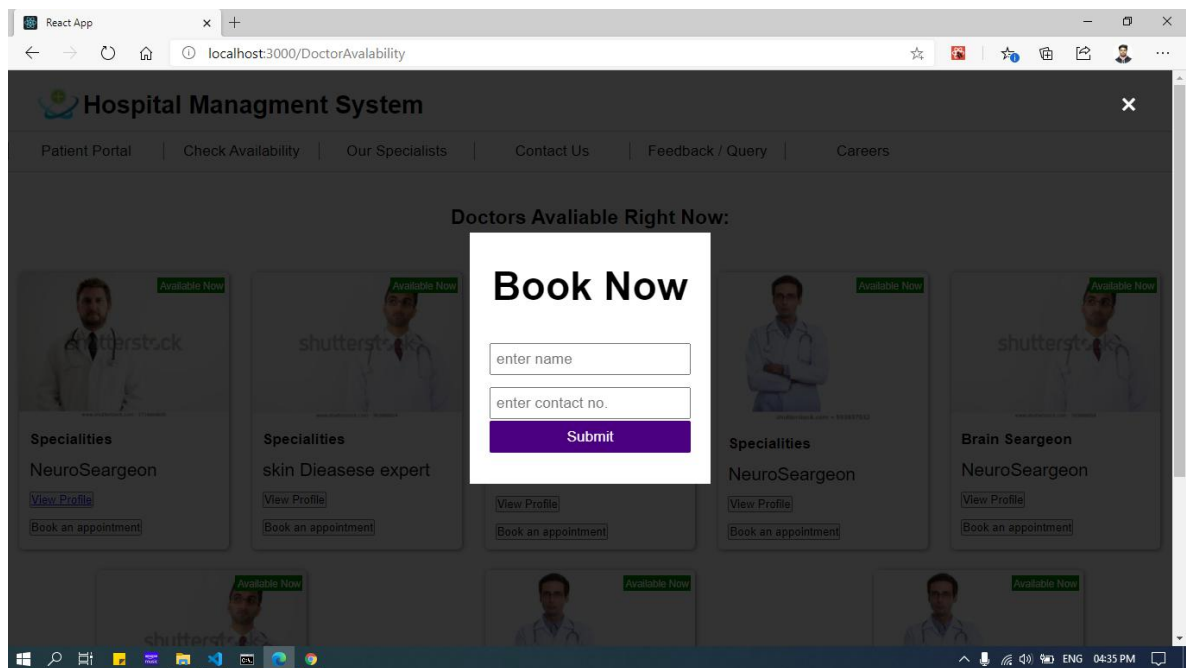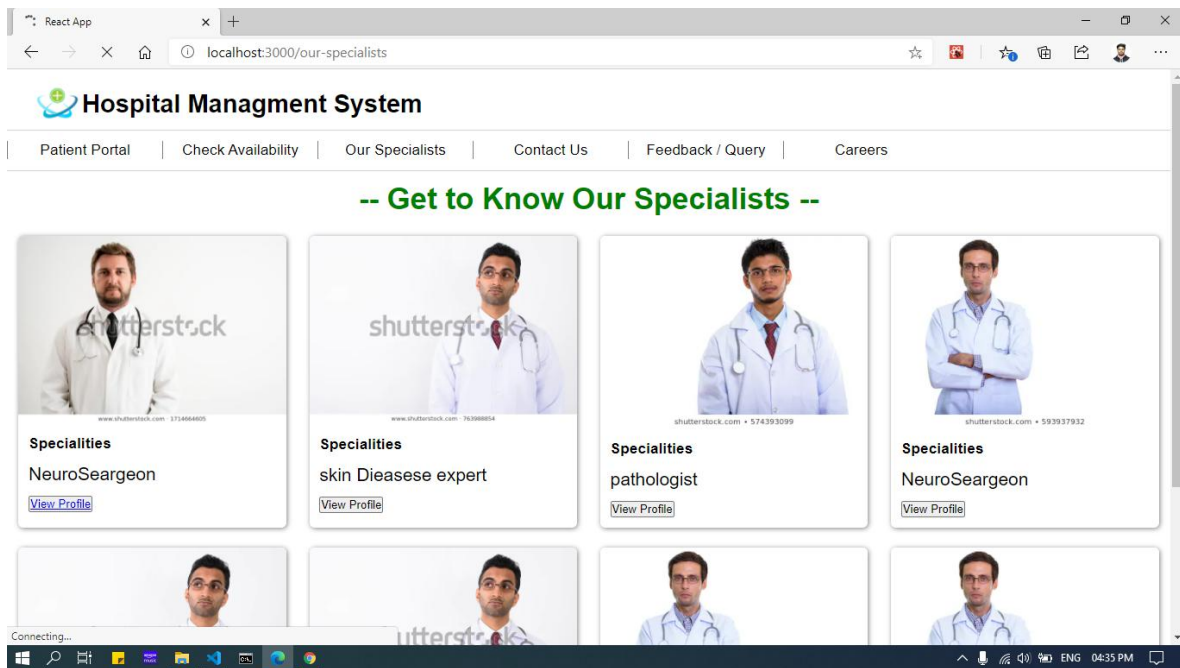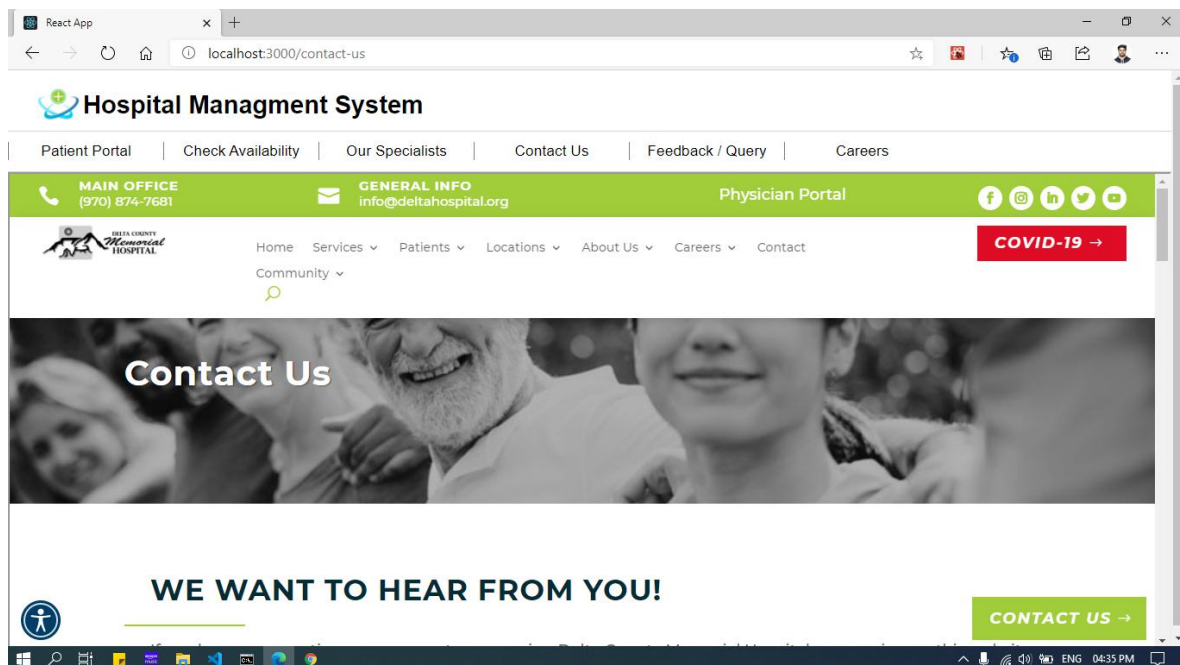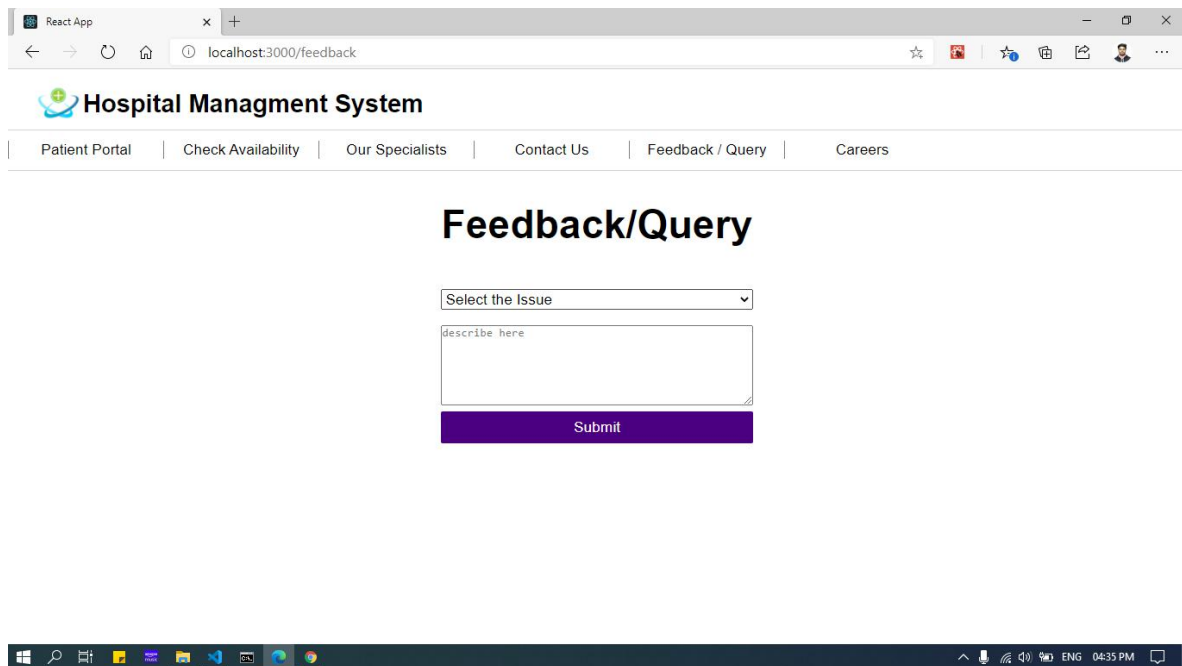
Image 1.5

Image 1.6

Image 1.7
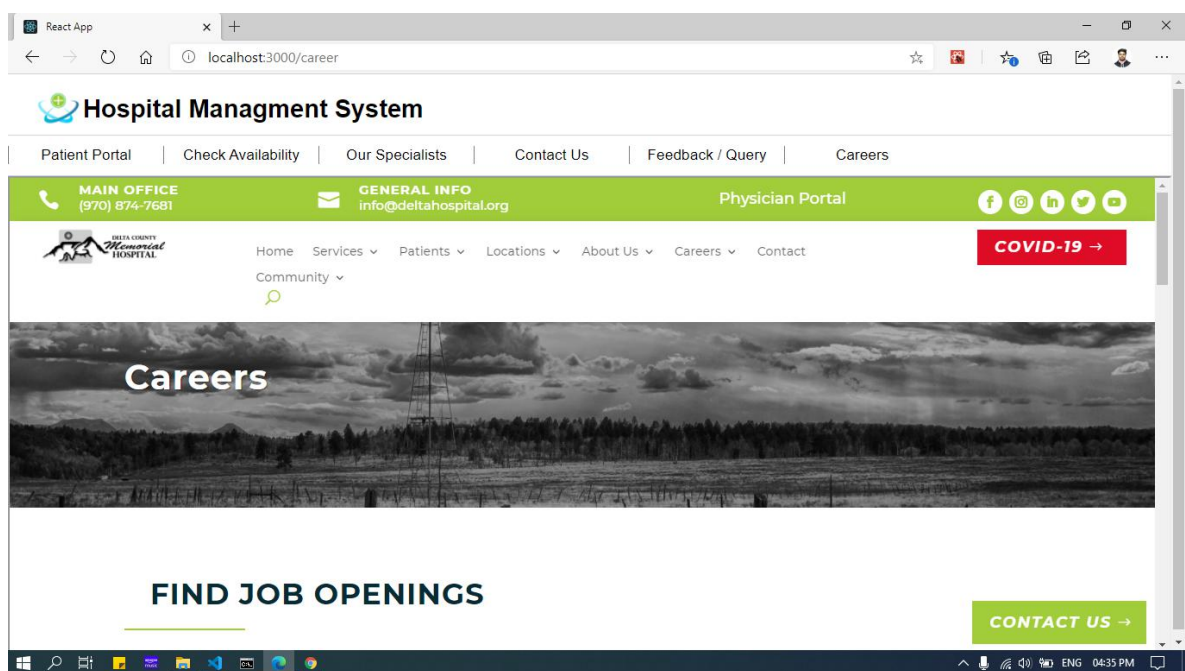
Image 1.8

Code

1. Index.js

```
import React from 'react';
import ReactDOM from 'react-dom';
import { BrowserRouter, Switch, Route } from 'react-router-dom';
import LandingComponent from './myComponents/LandingComponent';
import PatientPortal from './myComponents/PatientPortal';
import HomePage from './myComponents/HomePage';
import Specialist from './myComponents/Specialist';
import FeedbackOrQuery from './myComponents/FeedbackOrQuery';
import ContactUs from './myComponents/ContactUs';
import DoctorAvalability from './myComponents/DoctorAvalability';
import Career from './myComponents/Career';
ReactDOM.render(
    <>
        <BrowserRouter>
            <LandingComponent />

            <Switch>
                <Route exact path="/"> <HomePage /> </Route>

                <Route exact path="/patient-portal"> <PatientPortal /> </Route>
```

```jsx
                <Route exact path="/our-
specialists"> <Specialist /> </Route>
                <Route exact path="/feedback"> <Feedba
ckOrQuery /> </Route>
                <Route exact path="/our-
specialists"> <Specialist /> </Route>
                <Route exact path="/contact-
us"> <ContactUs /> </Route>
                <Route exact path="/career"> <Career /
> </Route>
                <Route exact path="/DoctorAvalability"
> <DoctorAvalability /> </Route>
            </Switch>
        </BrowserRouter>
    </>, document.getElementById("root")
);
```

2. HomePage.jsx

```jsx
import React from 'react';
import '../css/css/index_page_css.css';
import '../css/css/homepage_sliders.css';
import news from '../json_files/achievement.js';
import image1 from '../images/image1.jpg';


const HomePage = () => {
    return (
        <>
            <br />
```

```
            <div className="im-scrollbar-and-news-
container">
                <div className="main-scrollbar">
                    <div> <img alt="image1" src={image
1} style={{ width: '100%', height: '100%' }} /> </div>
                    <div> <img alt="image2" src="https:
//source.unsplash.com/1600x900/?news,hospital" style={
{ width: '100%', height: '100%' }} /> </div>
                    <div> <img alt="image3" src="https:
//source.unsplash.com/1600x900/?news,hospital" style={
{ width: '100%', height: '100%' }} /> </div>
                    <div> <img alt="image4" src="https:
//source.unsplash.com/1600x900/?news,hospital" style={
{ width: '100%', height: '100%' }} /> </div>
                    <div> <img alt="image5" src="https:
//source.unsplash.com/1600x900/?news,hospital" style={
{ width: '100%', height: '100%' }} /> </div>
                </div>
                <div className="latest-News">
                    <div className="Latest News">
                        <div style={{ position: 'stick
y', top: '0', backgroundColor: 'lightgreen', padding:
'0.71rem 1.2rem' }}> <h2> News 1 </h2> </div>
                        <div style={{ padding: '0rem 0.
5rem' }}>
                            {
                                news.map((data) => {
                                    return (
                                        <>
```

```jsx
                              <div style
={{ backgroundColor: '#f6f6f6', display: 'flex', borde
rRadius: '0.2rem', border: '0.1rem solid grey', height:
 '5rem', width: '100%', margin: '0.5rem 0' }}>
                              <div s
tyle={{ width: '30%' }} > <img alt="image10" src="http
s://picsum.photos/300/200" style={{ width: '100%', hei
ght: '100%' }} /> </div>
                              <div s
tyle={{ width: '70%', fontSize: '1.5rem', padding: '0.
5rem 1rem' }} > {data.discription} </div>
                              </div>
                              </>
                            );
                          })
                        }
                      </div>
                    </div>

                  </div>
                </div>
              </>);
}


export default HomePage;
```

3. LandingPage.jsx

```jsx
import React from 'react';
import '../css/css/index_page_css.css';
import { NavLink } from 'react-router-dom';
```

```jsx
import hospital_logo from '../images/hospital_logo.png';


const LandingComponent = () => {
    return (
        <>
            <div className="top-header">
                <div> <img src={hospital_logo} alt="logo" /> </div>
                <div> <h1> Hospital Managment System </h1> </div>
            </div>
            <div className="navigation-bar">

                <div> <NavLink style={{ color: 'black', textDecoration: 'none' }} to="/patient-portal"> Patient Portal </NavLink> </div>
                <div> <NavLink style={{ color: 'black', textDecoration: 'none' }} to="/DoctorAvalability"> Check Availability </NavLink> </div>
                <div> <NavLink style={{ color: 'black', textDecoration: 'none' }} to="/our-specialists"> Our Specialists </NavLink> </div>
                <div> <NavLink style={{ color: 'black', textDecoration: 'none' }} to="/contact-us"> Contact Us </NavLink> </div>
                <div> <NavLink style={{ color: 'black', textDecoration: 'none' }} to="/feedback"> Feedback / Query </NavLink> </div>
```

```
                <div> <NavLink style={{ color: 'black',
 textDecoration: 'none' }} to="/career"> Careers </Nav
Link> </div>


          </div>


          <div></div>
      </>
    );
}


export default LandingComponent;
```

4. DoctorAvalabilty.jsx

```
3. import React, { useState } from 'react';
import doctor from '../json_files/doctors';
import '../css/css/login_page_css.css';


const DoctorAvalability = () => {
    const [select_tag, set_select_tag] = useState("");
    const [textarea_tag, set_textarea_tag] = useState(
"");

    return (
        <>


          <div id="form-
container" style={{ zIndex: '999999', display: 'none',
 position: 'fixed', top: '0', left: '0', right: '0', b
ottom: '0', background: 'rgba(0, 0, 0, 0.8)' }}>
```

```jsx
                <span style={{ cursor: 'pointer', posi
tion: 'absolute', right: '3%', top: '3%', color: 'whit
e', fontSize: '3rem' }} onClick={() => {
                    document.querySelector("#form-
container").style.display = "none";
                }}>  &times;</span>
                <div style={{ width: '100%', height: '
100%', display: 'grid', placeItems: 'center' }}>
                    <form onSubmit={() => {
                        alert(`Thankyou  Mr/Ms ${selec
t_tag} for booking an appointment.`);
                        document.querySelector("#form-
container").style.display = "none";
                    }} method="POST" action="http://lo
calhost:8080//send-feedback-data" >
                        <div className="login-form">
                            <div>
                                <div> <center> <h1> Bo
ok Now </h1> </center> </div>
                                <br />
                            </div>
                            <div style={{ padding: '5%
 0%' }}>
                                <input type="text" pla
ceholder="enter name" value={select_tag} onChange={(e)
 => { set_select_tag(e.target.value); }} style={{ widt
h: '100%', fontSize: '1.5rem' }} />

                            </div>
                            <div id="textarea">
```

```
                              <input type="number" p
laceholder="enter contact no." value={textarea_tag} st
yle={{ width: '100%' }} onChange={(e) => { set_textare
a_tag(e.target.value) }} />
                          </div>
                          <div style={{ display: 'fl
ex' }}>
                              <br /><input type="sub
mit" name="submit" style={{ color: 'white', border: '0.
2rem solid indigo', backgroundColor: 'indigo' }} />
                          </div>
                      </div>
                  </form>
              </div>


          </div>
          <center> <h1 style={{ lineHeight: '9rem' }}
> Doctors Avaliable Right Now:  </h1> </center>


          <div style={{ display: 'flex', flexWrap: '
wrap', justifyContent: 'space-around' }}>


              {
                  doctor.map((data) => {
                      return (
                          <>
                              <div className="achiev
ement_div" style={{ position: 'relative', width: '18%',
 margin: '1rem 0', height: 'auto', backgroundColor: 'w
```

```
hite', boxShadow: '0.1rem 0.1rem 0.5rem grey', borderR
adius: '0.5rem' }}>
                                    <div style={{ posi
tion: 'absolute', padding: '1%', top: '2%', right: '2%
', backgroundColor: 'green', color: 'white' }}> Availa
ble Now </div>

                                    <div> <img alt="do
ctor" src={data.image} style={{ borderRadius: '0.5rem
0.5rem 0 0', width: '100%' }} /> </div>
                                    <div style={{ padd
ing: '1rem' }}> <h2> {data.title} </h2> <br /> <p styl
e={{ fontSize: '1.8rem' }}> {data.discription} </p> <b
r /> <button><a href={data.view_profile} > View Profil
e </a> </button> <br />
                                        <br />
                                        <button onClic
k={() => {

                                            document.q
uerySelector("#form-
container").style.display = "block";
                                        }}> Book an ap
pointment </button>

                                    </div>

                                </div>

                            </>);
```

```
                              })
                          }
                     </div>
                 </>
             );
}


export default DoctorAvalability;
```

5. FeedbackQuery.jsx

```jsx
import React, { useState } from 'react';
import '../css/css/login_page_css.css';


const ContactUs = () => {
    const [select_tag, set_select_tag] = useState("sel
ect");
    const [textarea_tag, set_textarea_tag] = useState(
"");


    const submitForm = (e) => {
        alert("Thankyou for your time.");
        /*let data = {
            select_tag,
            textarea_tag
        };
        console.log(data);
```

```
        fetch(`http://localhost:8080/send-feedback-
data`, {
            method: "post",
            data
        }).then(response => response.json())
            .then(data => console.log(data))
            .catch(error => console.log(error));
*/

    }


    return (
        <>
            <div style={{ width: '100%', display: 'gri
d', placeItems: 'center' }}>
                <form method="POST" action="http://loc
alhost:8080//send-feedback-
data" onSubmit={submitForm}>
                    <div className="login-form">
                        <div>
                            <div> <center> <h1> Feedba
ck/Query </h1> </center> </div>
                            <br />
                        </div>
                        <div style={{ padding: '5% 0%'
 }}>
                            <select value={select_tag}
 onChange={(e) => { set_select_tag(e.target.value); }}
 style={{ width: '100%', fontSize: '1.5rem' }} >
                                <option value="select"
> Select the Issue </option>
```

```jsx
                                    <option value="Bug"> Bug </option>
                                    <option value="Continuous Lag">Continuous Lag</option>
                                    <option value="Not proper resuls"> Not proper resuls </option>
                                    <option value="Feedback"> Feedback </option>
                                    <option value="Others"> others </option>
                                </select>
                            </div>
                            <div id="textarea">
                                <textarea placeholder="describe here" value={textarea_tag} style={{ width: '100%', height: '8rem' }} onChange={(e) => { set_textarea_tag(e.target.value) }}>  </textarea>
                            </div>
                            <div style={{ display: 'flex' }}>
                                <input type="submit" name="submit" style={{ color: 'white', border: '0.2rem solid indigo', backgroundColor: 'indigo' }} />
                            </div>
                        </div>
                    </form>
                </div>
            </>
    );
}
```

```
export default ContactUs;
```

6. index_page_css.jsx

```css
html {
  font-size: 72.5%; }

* {
  margin: 0;
  padding: 0;
  box-sizing: border-box; }

body {
  font-family: 'helvetica'; }

.top-header {
  display: flex;
  width: 100%;
  height: 5rem;
  justify-content: flex-start;
  margin-top: 1rem;
  align-items: center;
  padding: 1rem 2.5rem; }
  .top-header div h1 {
    font-size: 2.5rem; }
  .top-header div img {
    width: 5rem;
    height: 100%; }
```

```css
.navigation-bar {
  width: 100%;
  height: 4.2rem;
  background-color: white;
  display: flex;
  align-items: center;
  justify-content: flex-start;
  border-top: 1px solid lightgrey;
  border-bottom: 1px solid lightgrey;
  overflow-x: scroll;
  scrollbar-width: none;
  scroll-snap-type: x mandatory; }
  .navigation-bar div {
    border-left: 0.1rem solid grey; }
  .navigation-bar div:hover {
    line-height: 5rem;
    background-color: lightgreen; }
  .navigation-bar::-webkit-scrollbar {
    display: none; }

.navigation-bar > div {
  flex-shrink: 0;
  width: 180px;
  text-align: center;
  scroll-snap-align: start;
  font-size: 1.5rem; }

.achievement_div {
  width: 23%; }
```

```css
@media (max-width: 768px) {
  html {
    font-size: 55%; }
  .achievement_div {
    width: 45%; } }
```

7. HmoePage Slider css

```css
.im-scrollbar-and-news-container{
        display: flex;
        width: 100%;
        height: 35rem;
        justify-content: space-around;
}

.main-scrollbar{
    width: 68%;
    border: 0.1rem solid lightgrey;
    display: flex;
    overflow-x: scroll;
    scroll-snap-type: x mandatory;
}

.main-scrollbar::-webkit-scrollbar{
    height: 1rem;
}
```

```css
.main-scrollbar::-webkit-scrollbar-thumb{
    background-color: green;
    border-radius: 0.5rem;
}


.main-scrollbar::-webkit-scrollbar-track{
    background-color: lightgrey;
    box-shadow: inset 0.1rem 0.1rem 0.5rem grey;
    border-radius: 0.5rem;
}
.latest-News{
    width: 28%;
    border: 0.1rem solid lightgrey;
    display: flex;
    flex-flow: column;
    overflow-y:scroll;
}


.latest-News::-webkit-scrollbar{
    width: 0.7rem;
}


.latest-News::-webkit-scrollbar-thumb{
    background-color: green;
    border-radius: 0.5rem;
}
.latest-News::-webkit-scrollbar-track{
    background-color: lightgrey;
    box-shadow: inset 0.1rem 0.1rem 0.5rem grey;
    border-radius: 0.5rem;
```

```css
}



.main-scrollbar > div{

    width: 100%;

    scroll-snap-align: center;

    flex-shrink:0;

}




@media(max-width: 768px){

    .im-scrollbar-and-news-container{

        flex-flow: column;

        height: 40%;

        justify-content: center;

        align-items: center;

    }

    .im-scrollbar-and-news-container > div{

        width: 99%;

    }

    .latest-News{

        height: 30rem;

        margin: 1rem 0;

    }

}
```

8. Doctors.js (json file)

```
const doctor = [
    {
        key: 101,
        title: "Specialities",
        discription: "NeuroSeargeon",
        image: 'https://image.shutterstock.com/image-
photo/portrait-male-doctor-stethoscope-medical-600w-
1714664605.jpg',
        actual_link: 'https://examscuriosity.000webhos
tapp.com',
        view_profile: 'https://examscuriosity.000webho
stapp.com',
        existed: false
    },
    {
        key: 102,
        title: "Specialities",
        discription: "skin Dieasese expert",
        image: 'https://image.shutterstock.com/image-
photo/studio-shot-young-handsome-indian-600w-
763988854.jpg',
        actual_link: 'https://examscuriosity.000webhos
tapp.com'
    },
    {
        key: 103,
        title: "Specialities",
        discription: "pathologist",
```

```
      image: 'https://image.shutterstock.com/image-
photo/studio-shot-young-handsome-indian-260nw-
574393099.jpg',
      actual_link: 'https://examscuriosity.000webhos
tapp.com'
    },
    {
      key: 104,
      title: "Specialities",
      discription: "NeuroSeargeon",
      image: 'https://image.shutterstock.com/image-
photo/studio-shot-young-handsome-man-260nw-
593937932.jpg',
      actual_link: 'https://examscuriosity.000webhos
tapp.com'
    },
    {
      key: 105,
      title: "Brain Seargeon",
      discription: "NeuroSeargeon",
      image: 'https://image.shutterstock.com/image-
photo/studio-shot-young-handsome-indian-600w-
763988854.jpg',
      actual_link: 'https://examscuriosity.000webhos
tapp.com'
    },
    {
      key: 105,
      title: "Specialities",
      discription: "Airborne dieasese expert",
```

```
        image: 'https://image.shutterstock.com/image-
photo/studio-shot-young-handsome-indian-600w-
763988854.jpg',
        actual_link: 'https://examscuriosity.000webhos
tapp.com'
    },
    {
        key: 105,
        title: "Specialities",
        discription: "NeuroSeargeon",
        image: 'https://image.shutterstock.com/image-
photo/studio-shot-young-handsome-man-260nw-
593937932.jpg',
        actual_link: 'https://examscuriosity.000webhos
tapp.com'
    },
    {
        key: 105,
        title: "Specialities",
        discription: "Dentist",
        image: 'https://image.shutterstock.com/image-
photo/studio-shot-young-handsome-man-260nw-
593937932.jpg',
        actual_link: 'https://examscuriosity.000webhos
tapp.com'
    }
];


export { doctor as default };
```

Git hub Project Link:

https://github.com/Satyam18geek/hospital-management-system

Project Video Link (uploaded on Google Drive):

https://drive.google.com/file/d/1TzMYUdbjzlhgZgcDAvHgwQdLLAqWklE
7/view?usp=sharing