DIGITAL ASSIGMENT-2
ITE1002(WEB TECHNOLOGIES)
SLOT-G1
WEB APPLICATION(Client + Server Side)

GROUP MEMBERS
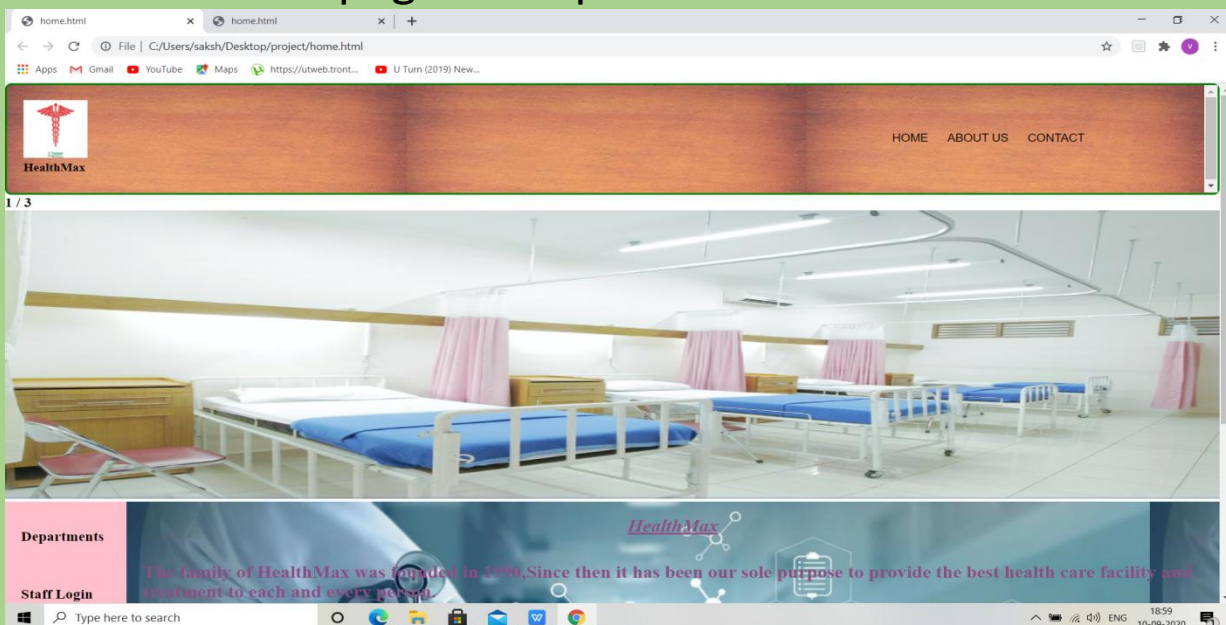*SAKSHAM SHARMA(19BIT0056)*
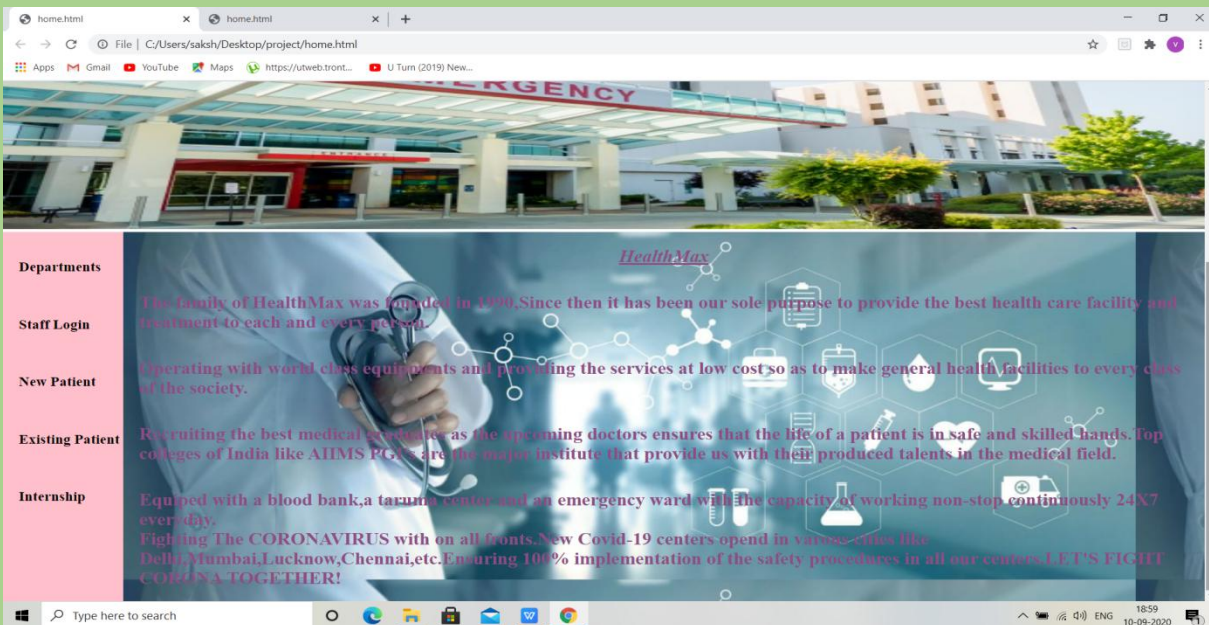*UJJAWAL SRIVASTAVA(19BIT0072)*

PROJECT TITLE-

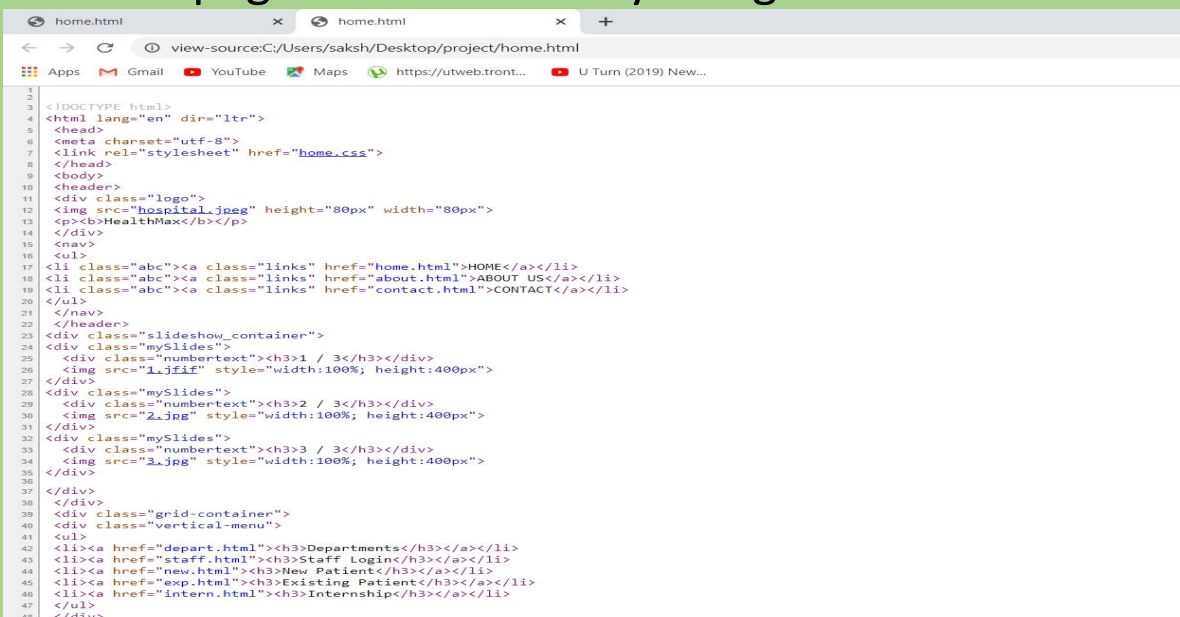# HEALTHMAX HOSPITAL WEB SITE

Home page-

The home page is created by using the modules of html,CSS,JavaScript.Various container classes are made to divide the web page as required.
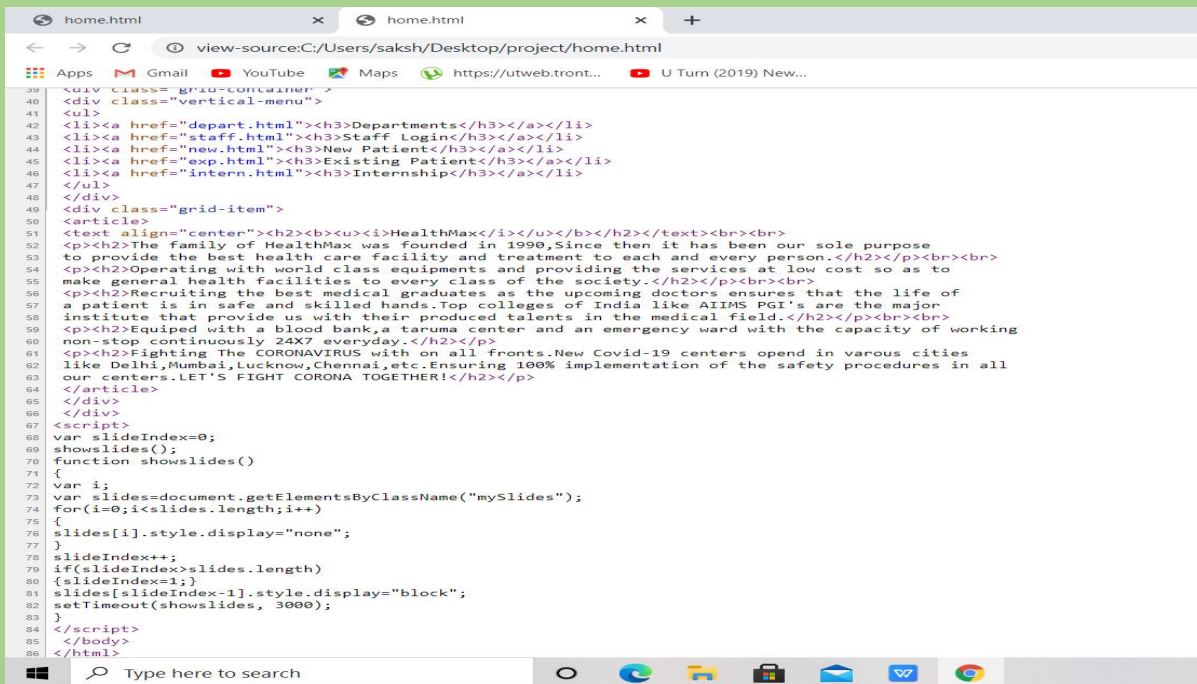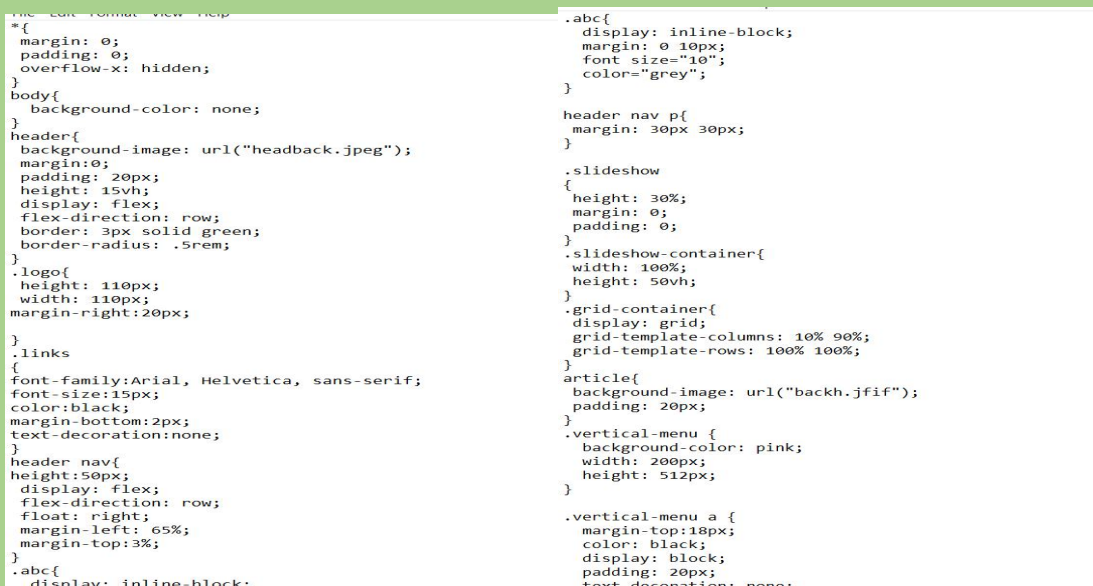
Modules used-

Html- html module is used to provide the contents of the web page and ***various links*** to the web page. All the text and links on the web page are obtained by using the html.

```
39  <div class="grid-container">
40  <div class="vertical-menu">
41  <ul>
42  <li><a href="depart.html"><h3>Departments</h3></a></li>
43  <li><a href="staff.html"><h3>Staff Login</h3></a></li>
44  <li><a href="new.html"><h3>New Patient</h3></a></li>
45  <li><a href="exp.html"><h3>Existing Patient</h3></a></li>
46  <li><a href="intern.html"><h3>Internship</h3></a></li>
47  </ul>
48  </div>
49  <div class="grid-item">
50  <article>
51  <text align="center"><h2><b><u><i>HealthMax</i></u></b></h2></text><br><br>
52  <p><h2>The family of HealthMax was founded in 1990,Since then it has been our sole purpose
53  to provide the best health care facility and treatment to each and every person.</h2></p><br><br>
54  <p><h2>Operating with world class equipments and providing the services at low cost so as to
55  make general health facilities to every class of the society.</h2></p><br><br>
56  <p><h2>Recruiting the best medical graduates as the upcoming doctors ensures that the life of
57  a patient is in safe and skilled hands.Top colleges of India like AIIMS PGI's are the major
58  institute that provide us with their produced talents in the medical field.</h2></p><br><br>
59  <p><h2>Equiped with a blood bank,a taruma center and an emergency ward with the capacity of working
60  non-stop continuously 24X7 everyday.</h2></p>
61  <p><h2>Fighting The CORONAVIRUS with on all fronts.New Covid-19 centers opend in varous cities
62  like Delhi,Mumbai,Lucknow,Chennai,etc.Ensuring 100% implementation of the safety procedures in all
63  our centers.LET'S FIGHT CORONA TOGETHER!</h2></p>
64  </article>
65  </div>
66  </div>
67  <script>
68  var slideIndex=0;
69  showslides();
70  function showslides()
71  {
72  var i;
73  var slides=document.getElementsByClassName("mySlides");
74  for(i=0;i<slides.length;i++)
75  {
76  slides[i].style.display="none";
77  }
78  slideIndex++;
79  if(slideIndex>slides.length)
80  {slideIndex=1;}
81  slides[slideIndex-1].style.display="block";
82  setTimeout(showslides, 3000);
83  }
84  </script>
85  </body>
86  </html>
```

CSS-

The CSS module is used create different division/container classes that hold a particular contents of the web page providing them with suitable properties like height,width,colour,etc.

```
File  Edit  Format  View  Help
*{
 margin: 0;
 padding: 0;
 overflow-x: hidden;
}
body{
  background-color: none;
}
header{
 background-image: url("headback.jpeg");
 margin:0;
 padding: 20px;
 height: 15vh;
 display: flex;
 flex-direction: row;
 border: 3px solid green;
 border-radius: .5rem;
}
.logo{
 height: 110px;
 width: 110px;
margin-right:20px;

}
.links
{
font-family:Arial, Helvetica, sans-serif;
font-size:15px;
color:black;
margin-bottom:2px;
text-decoration:none;
}
header nav{
height:50px;
 display: flex;
 flex-direction: row;
 float: right;
 margin-left: 65%;
 margin-top:3%;
}
.abc{
 display: inline-block;
```

```
.abc{
 display: inline-block;
 margin: 0 10px;
 font size="10";
 color="grey";
}

header nav p{
 margin: 30px 30px;
}

.slideshow
{
 height: 30%;
 margin: 0;
 padding: 0;
}
.slideshow-container{
 width: 100%;
 height: 50vh;
}
.grid-container{
 display: grid;
 grid-template-columns: 10% 90%;
 grid-template-rows: 100% 100%;
}
article{
 background-image: url("backh.jfif");
 padding: 20px;
}
.vertical-menu {
  background-color: pink;
  width: 200px;
  height: 512px;
}

.vertical-menu a {
  margin-top:18px;
  color: black;
  display: block;
  padding: 20px;
  text-decoration: none;
```

```css
  padding: 0;
}
.slideshow-container{
  width: 100%;
  height: 50vh;
}
.grid-container{
  display: grid;
  grid-template-columns: 10% 90%;
  grid-template-rows: 100% 100%;
}
article{
  background-image: url("backh.jfif");
  padding: 20px;
}
.vertical-menu {
  background-color: pink;
  width: 200px;
  height: 512px;
}

.vertical-menu a {
  margin-top:18px;
  color: black;
  display: block;
  padding: 20px;
  text-decoration: none;
}

.vertical-menu a:hover {
  background-color: #FF5470;
}

.vertical-menu a.active {
  background-color: #4CAF50;
  color: white;
}
h2{
  color: #8D4E85;
  font-face: Aerial;
}
```

JavaScript- The JavaScript module is used to create a slide show on the home page. The sub-module of the slide show is used in this web page

```javascript
<script>
var slideIndex=0;
showslides();
function showslides()
{
var i;
var slides=document.getElementsByClassName("mySlides");
for(i=0;i<slides.length;i++)
{
slides[i].style.display="none";
}
slideIndex++;
if(slideIndex>slides.length)
{slideIndex=1;}
slides[slideIndex-1].style.display="block";
setTimeout(showslides, 3000);
}
</script>
```

Department page-
It is entirely created by using html and CSS modules
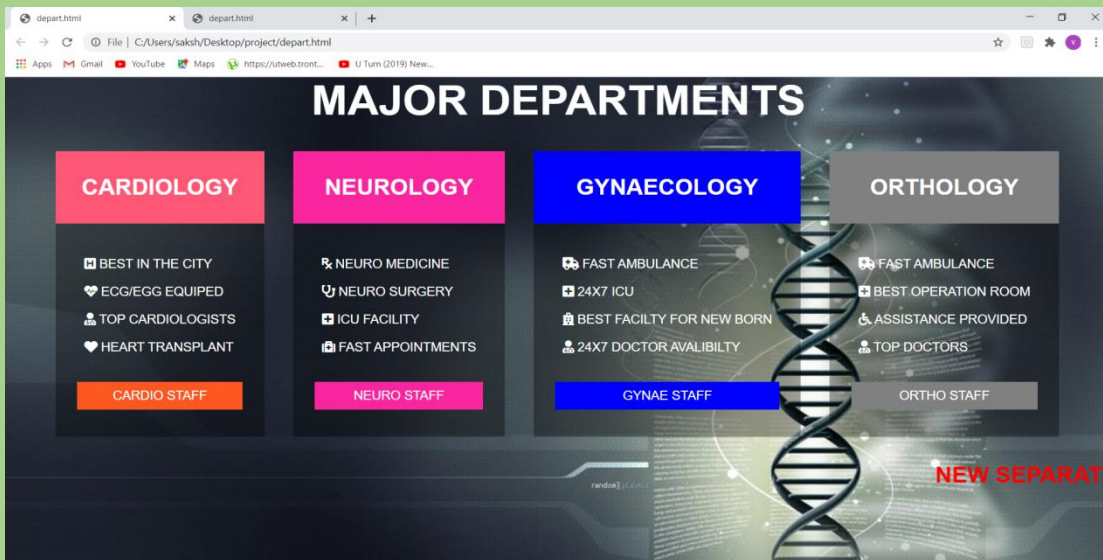
Html-

The html module is used to create the boxes and the contents inside them. ***Marquee*** tag is used to show the new addition of the COVID-19 Ward.

Font Awesome is also used to get attractive icons and symbols for the web page designing

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<link rel="stylesheet" type="text/css" href="depart.css">
<link rel="stylesheet" href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css">
</head>
<body>
<div class="container">
<div class="heading">
<h1>MAJOR DEPARTMENTS</h1>
</div>
<div class="row">
<div class="block">
<div class="block-title" style="background-color: #ff5877;">
<h1>CARDIOLOGY</h1>
</div>
<div class="block-body">
<p>
<i class="fas fa-h-square"></i> BEST IN THE CITY
</p>
<p>
<i class="fas fa-heartbeat"></i> ECG/EGG EQUIPED
</p>
<p>
<i class="fas fa-user-md"></i> TOP CARDIOLOGISTS
</p>
<p>
<i class="fas fa-heart"></i> HEART TRANSPLANT
</p>
<a href="#" class="button" style="background-color:#ff5722;">CARDIO STAFF</a>
</div>
</div>
<div class="block">
<div class="block-title" style="background-color:#fa26a0 ;">
<h1>NEUROLOGY</h1>
</div>
<div class="block-body">
<p>
<i class="fas fa-prescription"></i> NEURO MEDICINE
</p>
<p>
<i class="fas fa-stethoscope"></i> NEURO SURGERY
</p>
<p>
<i class="fas fa-plus-square"></i> ICU FACILITY
</p>
```

```
<a href=" # " class="button" style="background-color:#fa26a6; ">NEURO STAFF</a>
</div>
</div>
<div class="block">
<div class="block-title" style="background-color: blue;">
<h1>GYNAECOLOGY</h1>
</div>
<div class="block-body">
<p>
<i class="fas fa-ambulance"></i> FAST AMBULANCE
</p>
<p>
<i class="fas fa-plus-square"></i> 24X7 ICU
</p>
<p>
<i class="fas fa-hospital"></i> BEST FACILTY FOR NEW BORN
</p>
<p>
<i class="fas fa-user-md"></i> 24X7 DOCTOR AVALIBILTY
</p>
<a href="#" class="button" style="background-color: blue;">GYNAE STAFF</a>
</div>
</div>
<div class="block">
<div class="block-title" style="background-color: gray;">
<h1>ORTHOLOGY</h1>
</div>
<div class="block-body">
<p>
<i class="fas fa-ambulance"></i> FAST AMBULANCE
</p>
<p>
<i class="fas fa-plus-square"></i> BEST OPERATION ROOM
</p>
<p>
<i class="fas fa-wheelchair"></i> ASSISTANCE PROVIDED
</p>
<p>
<i class="fas fa-user-md"></i> TOP DOCTORS
</p>
<a href="#" class="button" style="background-color: gray;">ORTHO STAFF</a>
</div>
</div>
</div>
</div>
<br><h1><marquee><i class="fas facopyright"></i><font color="red"> NEW SEPARATE COVID-19 WARD INTRODUCED</font></h1></marquee>
</body>
</html>
```

CSS-
The CSS Module is used to give the background image to the web page,properties to the container class and colors to the heading, box heading, box contents and and background color to box heading.

```
depart - Notepad
File  Edit  Format  View  Help
* {
    padding: 0;
    margin: 0;
    box-sizing: border-box;
    font-family: Arial, Helvetica, sans-seri
}

body {
    background-image: url('departb.jpeg');
    background-repeat: no-repeat;
    background-size: cover;
}

.container {
    width: 100%;
}

.heading {
    text-align: center;
    font-size: 30px;
    color: white;
}

.row {
    display: flex;
    flex-flow: wrap;
    margin-top: 20px;
    margin-left: 50px;
}

.block {
    margin-top: -80px;
    margin: 20px;
    background: rgba(0, 0, 0, 0.349);
    color: white;
}

.block-title {
    text-align: center;
    padding: 35px 10px;
    color: #fff;
}
```

```
.block-title {
    text-align: center;
    padding: 35px 10px;
    color: #fff;
}


.block-body {
    padding: 40px 30px;
    text-align: center;
    font-size: 18px;
}


.block-body p {
    text-align: justify;
    padding: 10px;
}


.block-body .button {
    display: block;
    color: #fff;
    text-align: center;
    margin-top: 30px;
    text-decoration: none;
    padding: 10px 5px;
}
```

Staff login page-

The modules used are html and CSS.
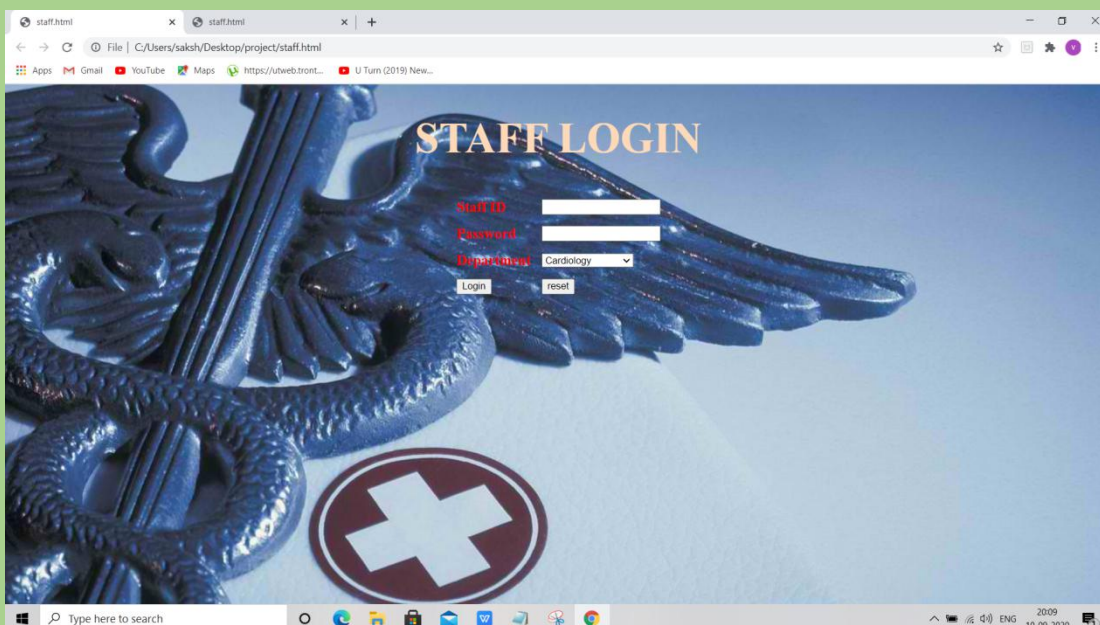
Module used-

Html-
The html is used to get the following fields for the staff login.
Forms using the Tables is used as the sub-module to get the
fields align. Textbox and drop-down menu is used to get the
required fields.

```html
<!DOCTYPE html>
<head>
<meta charset="utf=8">
<link rel="stylesheet" type="text/css" href="staff.css">
</head>
<body>
<div class="container">
<div class="heading">
<h1><font-family:"Copperplate">STAFF LOGIN</font></h1>
</div>
<article>
<form>
<table align="center" cellpadding="5px" cellspacing="5px">
<tr>
<td id="h">Staff ID</td>
<td><input type="text" id="stid"></td>
</tr>
<tr>
<td id="h">Password</td>
<td><input type="Password" id="pw"></td>
</tr>
<tr>
<td id="h">Department</td>
<td><select name="class" id="depart">
<option value="Cardiology">Cardiology</option>
<option value="Neurology">Neurology</option>
<option value="Orthology">Orthology</option>
<option value="GYNAECOLOGY">GYNAECOLOGY</option>
</select></td>
</tr>
<tr>
<td><button onclick="showData()">Login</button></td>
<td><input type="reset" value="reset"></td>
</tr>
</form>
</table>
</article>
</div>
</body>
</html>
```

CSS-
The CSS module provide the web page with background-image
and the height,width,color of the various division classes in the
web page created in the html code

```
staff - Notepad
File  Edit  Format  View  Help
body {
    background-image: url('staff.jpeg');
    background-repeat: no-repeat;
    background-size: cover;
}

.container {
    width: 100%;
}

.heading {
    text-align: center;
    font-size: 30px;
    color: #FFDAB9;
}
#h
{
font-size:20px;
color:red;
font-weight:bold;
}
```
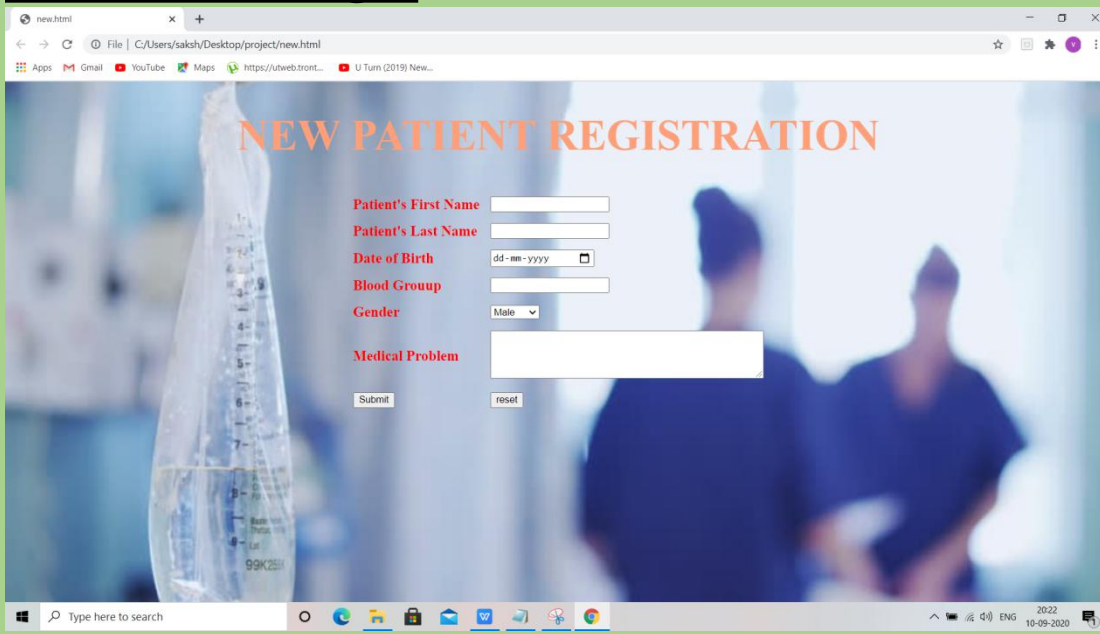
New Patient Page-

Modules used
Html-

The html is used to get the following fields for the New Patient .***Forms using the Tables*** is used as the sub-module to get the fields align. ***Text-box and drop-down menu*** is used to get the required fields.

```html
<!DOCTYPE html>
<head>
<meta charset="utf=8">
<link rel="stylesheet" type="text/css" href="new.css">
</head>
<body>
<div class="container">
<div class="heading">
<h1><font-family:"Copperplate">NEW PATIENT REGISTRATION</font></h1>
</div>
<article>
<table align="center" cellpadding="5px" cellspacing="5px">
<tr>
<td id="h">Patient's First Name</td>
<td><input type="text" id="fn"></td>
</tr>
<tr>
<td id="h">Patient's Last Name</td>
<td><input type="text" id="ln"></td>
</tr>
<tr>
<td id="h">Date of Birth</td>
<td><input type="date" id="dates"></td>
</tr>
<td id="h">Blood Grouup </td>
<td><input type="text" id="bg"></td>
</tr>
<tr>
<td id="h">Gender</td>
<td><select name="class" id="gen">
<option value="Male">Male</option>
<option value="Female">Female</option>
<option value="Others">Others</option>
</td>
</tr>
<tr>
<td id="h">Medical Problem</td>
<td><textarea id="hist" name="experi" rows="4" cols="50">
</textarea></td>
</tr>
<tr>
<td><button onclick="showData()">Submit</button></td>
<td><input type="reset" value="reset"></td>
</tr>
</table>
</article>
<p id="he"></p>
</div>
```

CSS-
The CSS module provide the web page with background-image and the height,width,color of the various division classes in the web page created in the html code

```
File  Edit  Format  View  Help

body {
    background-image: url('new.jpeg');
    background-repeat: no-repeat;
    background-size: cover;
}

.container {
    width: 100%;
}

.heading {
    text-align: center;
    font-size: 30px;
    color: #FFA07A;
}
#h
{
font-size:20px;
color:red;
font-weight:bold;
}
#he
{
font-size:20px;
color:red;
font-weight:bold;
}
```

JavaScript-

It is is used to access the elements by ID and then displays the the contents of the fields as message

```
<script type="text/javascript">
function showData()
{
var t=document.getElementById('fn').value;
var f=document.getElementById('ln').value;
var tn=document.getElementById('bg').value;
var cl=document.getElementById('gen').value;
var da=document.getElementById('dates').value;
var g=document.getElementById('hist').value;
 var tas = document.getElementById('he');
 tas.textContent = "Hey! Mr./Mrs. "+t+" "+f+"  We will let you know about seat availablity ";
}
</script>
```

Existing Patient Page-

The modules used are html,CSS,JavaScript.
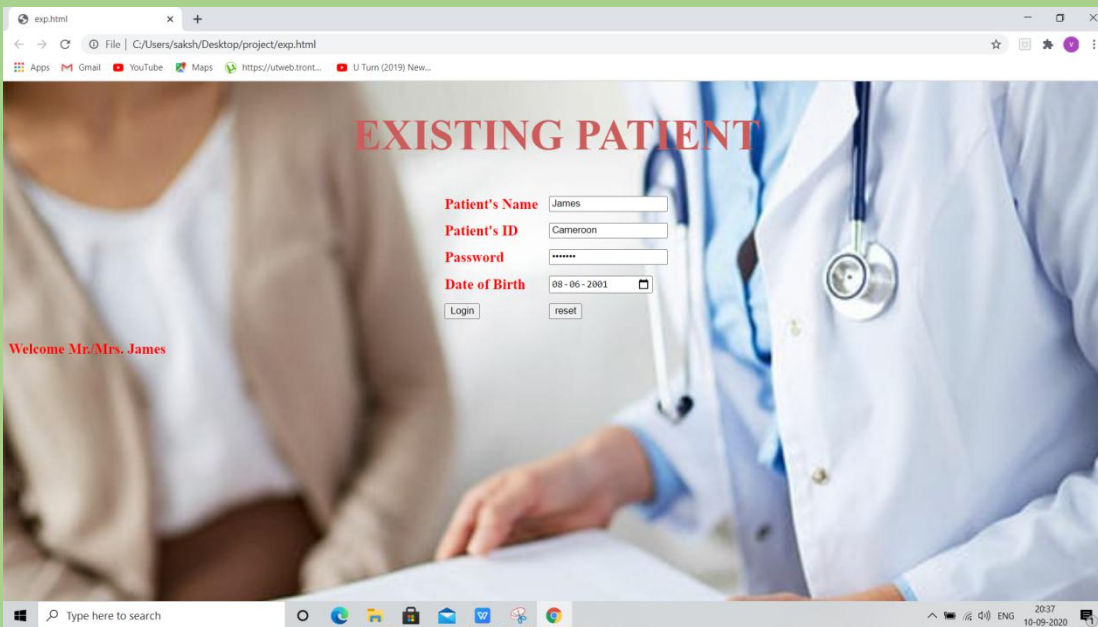
Modules used-

Html-

The html is used to get the following fields for the Existing Patient *.Forms using the Tables* is used as the sub-module to get the fields align. *Text-box and drop-down menu* is used to get the required fields.

```html
<!DOCTYPE html>
<head>
<meta charset="utf=8">
<link rel="stylesheet" type="text/css" href="exp.css">
</head>
<body>
<div class="container">
<div class="heading">
<h1><font-family:"Copperplate">EXISTING PATIENT</font></h1>
</div>
<article>
<table align="center" cellpadding="5px" cellspacing="5px">
<tr>
<td id="h">Patient's Name</td>
<td><input type="text" id="fn"></td>
</tr>
<tr>
<td id="h">Patient's ID</td>
<td><input type="text" id="ids"></td>
</tr>
<tr>
<td id="h">Password</td>
<td><input type="password" id="pass"></td>
</tr>
<tr>
<td id="h">Date of Birth</td>
<td><input type="date" id="dates"></td>
</tr>
<tr>
<td><button onclick="showData()">Login</button></td>
<td><input type="reset" value="reset"></td>
</tr>
</table>
</article>
<p id="hel"></p>
</div>
<script type="text/javascript">
function showData()
{
var t=document.getElementById('fn').value;
var f=document.getElementById('ids').value;
var tn=document.getElementById('pass').value;
var da=document.getElementById('dates').value;
 var tas = document.getElementById('hel');
 tas.textContent = "Welcome Mr./Mrs. "+t;
}
</script>
</body>
```

CSS-

The CSS module provide the web page with background-image and the height,width,color of the various division classes in the web page created in the html code

```
exp - Notepad
File  Edit  Format  View  Help
body {
    background-image: url('exp.jpeg');
    background-repeat: no-repeat;
    background-size: cover;
}

.container {
    width: 100%;
}

.heading {
    text-align: center;
    font-size: 30px;
    color: #CD5C5C;
}
#hel
{
font-size:20px;
color:red;
font-weight:bold;
}
#h
{
font-size:20px;
color:red;
font-weight:bold;
}
```

JavaScript-

It is is used to access the elements by ID and then displays the the Name of the Patient with welcome message.

```
<script type="text/javascript">
function showData()
{
var t=document.getElementById('fn').value;
var f=document.getElementById('ids').value;
var tn=document.getElementById('pass').value;
var da=document.getElementById('dates').value;
 var tas = document.getElementById('hel');
 tas.textContent = "Welcome Mr./Mrs. "+t;
}
</script>
```

__Internship Page-__

The modules used are html,CSS,JavaScript.
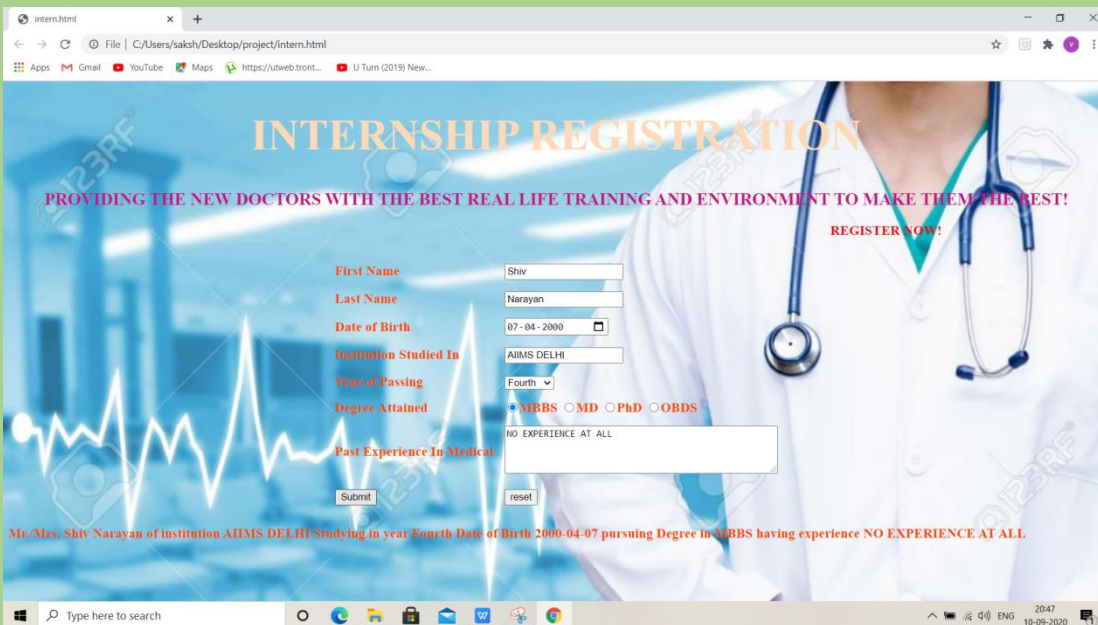
Html-

The html is used to get the following fields for the staff login. **_Forms using the Tables_** is used as the sub-module to get the fields align. **_Text-box and drop-down menu and radio buttons_** are used to get the required fields.

```html
<!DOCTYPE html>
<head>
<meta charset="utf=8">
<link rel="stylesheet" type="text/css" href="intern.css">
</head>
<body>
<div class="container">
<div class="heading">
<h1><font-family:"Copperplate">INTERNSHIP REGISTRATION</font></h1>
</div>
<p><h2>PROVIDING THE NEW DOCTORS WITH THE BEST REAL LIFE TRAINING AND ENVIRONMENT TO MAKE THEM THE
<p><h3><marquee><font color="red";>REGISTER NOW!</font></marquee><p>
<article>
<table align="center" cellpadding="5px" cellspacing="5px">
<tr>
<td>First Name</td>
<td><input type="text" id="fn"></td>
</tr>
<tr>
<td>Last Name</td>
<td><input type="text" id="ln"></td>
</tr>
<tr>
<td>Date of Birth</td>
<td><input type="date" id="dates"></td>
</tr>
<tr>
<td>Institution Studied In</td>
<td><input type="text" id="ins"></td>
</tr>
<tr>
<td>Year of Passing</td>
<td><select name="class" id="yr">
<option value="First">First</option>
<option value="Second">Second</option>
<option value="third">Third</option>
<option value="Fourth">Fourth</option>
</select></td>
</tr>
<td>Degree Attained</td>
<td><input type="radio" name="MBBS" id="degree" value="MBBS">MBBS
<input type="radio" name="MD" id="degree" value="MD">MD
<input type="radio" name="PhD" id="degree" value="PhD">PhD
<input type="radio" name="OBDS" id="degree" value="OBDS">OBDS</td>
</tr>
<tr>
```

```
<td>Past Experience In Medical</td>
<td><textarea id="experi" name="experi" rows="4" cols="50">
</textarea></td>
</tr>
<tr>
<td><button onclick="showData()">Submit</button></td>
<td><input type="reset" value="reset"></td>
</tr>
</table>
<p id="hey"></p>
</article>
</div>
<script type="text/javascript">
function showData()
{
var t=document.getElementById('fn').value;
var f=document.getElementById('ln').value;
var tn=document.getElementById('ins').value;
var cl=document.getElementById('yr').value;
var da=document.getElementById('dates').value;
var ti=document.getElementById('degree').value;
var g=document.getElementById('experi').value;
 var tas = document.getElementById('hey');
 tas.textContent = "Mr./Mrs. "+t+" "+f+" of institution "+tn+" Studying in year "+cl+" Date of Birth "+da+" pursuing Degree in "+ti+" having experience  "+g ;
}

</script>
</body>
</html>
```

CSS-

The CSS module provide the web page with background-image and the height,width,color of the various division classes in the web page created in the html code

```
intern - Notepad
File  Edit  Format  View  Help
body {
    background-image: url('intern.jpeg');
    background-repeat: no-repeat;
    background-size: cover;
}

.container {
    width: 100%;
}

.heading {
    text-align: center;
    font-size: 30px;
    color: #FFDAB9;
}
h2{
    text-align: center;
    color: #C71585;
}
h3{
    color: #FF4500;
}
```

JavaScript-

It is is used to access the elements by ID and then displays the
the contents of the fields as message

```
function showData()
{
var t=document.getElementById('fn').value;
var f=document.getElementById('ln').value;
var tn=document.getElementById('ins').value;
var cl=document.getElementById('yr').value;
var da=document.getElementById('dates').value;
var ti=document.getElementById('degree').value;
var g=document.getElementById('experi').value;
 var tas = document.getElementById('hey');
 tas.textContent = "Mr./Mrs. "+t+" "+f+" of institution "+tn+" Studying in year "+cl+" Date of Birth "+da+" pursuing Degree in "+ti+" having experience  "+g ;
}

</script>
```

About Us Page-
The modules used are html and CSS
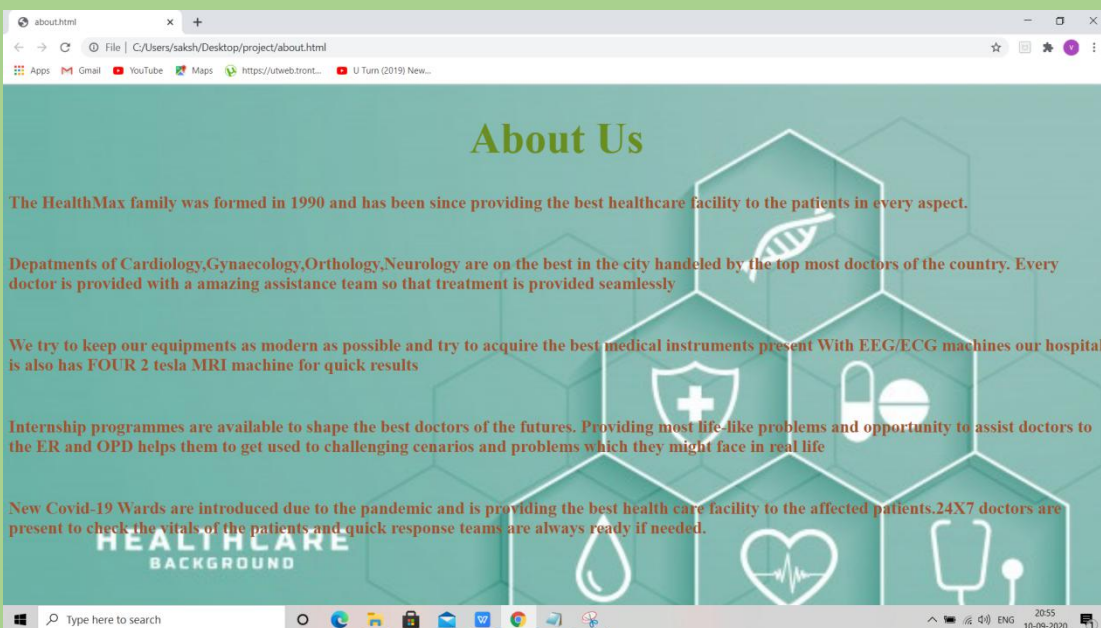
Html-
The html module is used to create the article and the complete
information is given is inside. The heading class is created and
the page heading is given in that.

```
1  <!DOCTYPE html>
2  <head>
3  <meta charset="utf=8">
4  <link rel="stylesheet" type="text/css" href="about.css">
5  </head>
6  <body>
7  <div class="container">
8  <div class="heading">
9  <h1><font-family:"Copperplate">About Us</font></h1>
10 </div>
11 <article>
12 <p><h2>The HealthMax family was formed in 1990 and has been since providing the best healthcare facility
13 to the patients in every aspect.</h2></p><br>
14 <p><h2>Depatments of Cardiology,Gynaecology,Orthology,Neurology are on the best in the city handeled by the
15 top most doctors of the country. Every doctor is provided with a amazing assistance team so that treatment
16 is provided seamlessly</h2></p><br>
17 <p><h2>We try to keep our equipments as modern as possible and try to acquire the best medical instruments present
18 With EEG/ECG machines our hospital is also has <b>FOUR</b> 2 tesla MRI machine for quick results</h2></p><br>
19 <p><h2>Internship programmes are available to shape the best doctors of the futures. Providing most life-like
20 problems and opportunity to assist doctors to the ER and OPD helps them to get used to challenging cenarios
21 and problems which they might face in real life</h2></p><br>
22 <p><h2> New Covid-19 Wards are introduced due to the pandemic and is providing the best health care facility to the
23 affected patients.24X7 doctors are present to check the vitals of the patients and quick response teams are always ready
24 if needed.</h2></p>
25 </article>
26 </div>
27 </body>
28 </html>
29
```

CSS-

The CSS module is used to provide the page with the background image and the color,font,size of the text. Division classes width and height are provided by it.

```
about - Notepad
File Edit Format View Help
body {
    background-image: url('about.jpeg');
    background-repeat: no-repeat;
    background-size: cover;
}

.container {
    width: 100%;
}

.heading {
    text-align: center;
    font-size: 30px;
    color: #6B8E23;
}
h2{
    color: #A0522D;
}
```
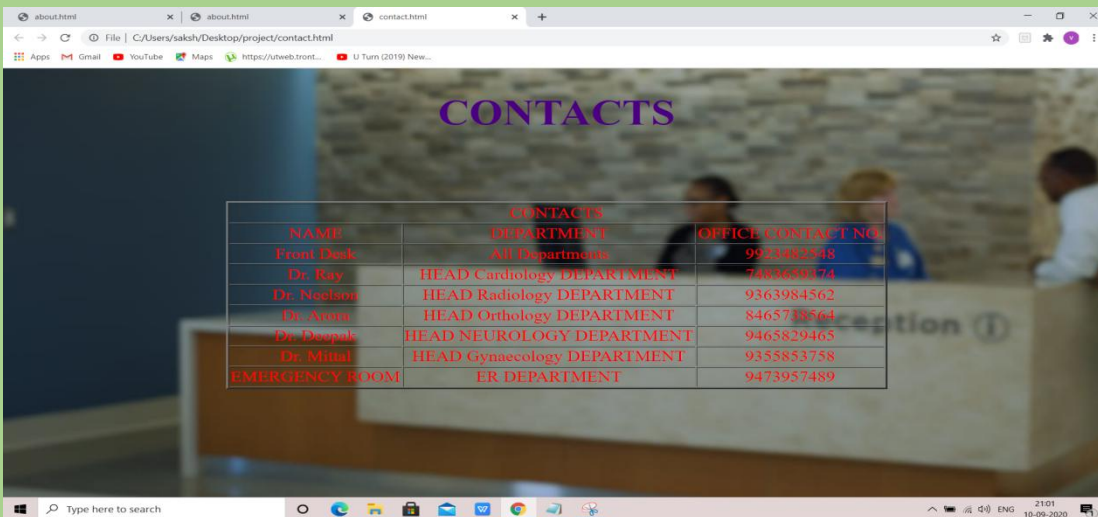
Contact Page-
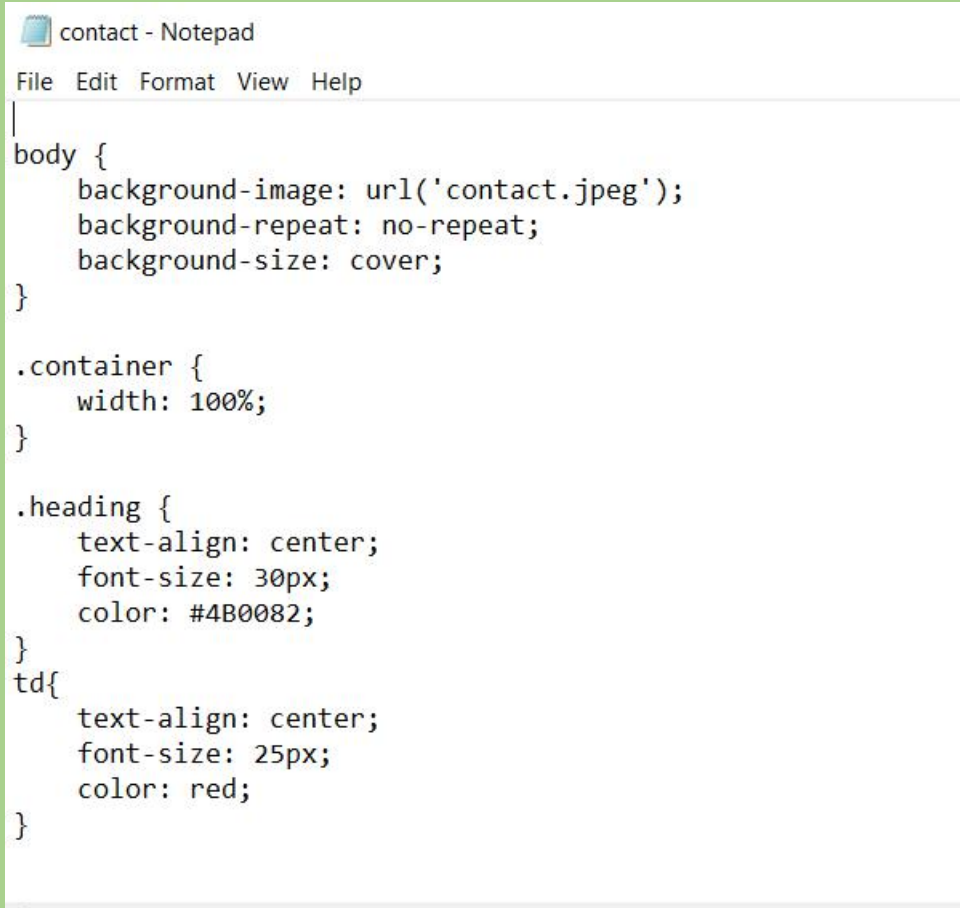
The modules used are html and CSS

Modules used-

Html-
The html is used create the division classes containing the heading and the contact table. *Tables* are used create contact list of contacts with their respective departments and contact no.

```html
<!DOCTYPE html>
<head>
<meta charset="utf=8">
<link rel="stylesheet" type="text/css" href="contact.css">
</head>
<body>
<div class="container">
<div class="heading">
<h1><font-family:"Copperplate">CONTACTS</font></h1>
</div><br><br><br><br>
<article>
<table border="3" align="center">
<tr>
<td colspan="3" align="center">CONTACTS</td>
</tr>
<tr>
<td>NAME</td>
<td>DEPARTMENT</td>
<td>OFFICE CONTACT NO.</td>
</tr>
<tr>
<td>Front Desk</td>
<td>All Departments</td>
<td>9923482548</td>
</tr>
<tr>
<td>Dr. Ray</td>
<td>HEAD Cardiology DEPARTMENT</td>
<td>7483659374</td>
</tr>
<tr>
<td>Dr. Neelson</td>
<td>HEAD Radiology DEPARTMENT</td>
<td>9363984562</td>
</tr>
<tr>
<td>Dr. Arora</td>
<td>HEAD Orthology DEPARTMENT</td>
<td>8465738564</td>
</tr>
<tr>
<td>Dr. Deepak</td>
<td>HEAD NEUROLOGY DEPARTMENT</td>
<td>9465829465</td>
</tr>
<tr>
<tr>
<td>Dr. Mittal</td>
<td>HEAD Gynaecology DEPARTMENT</td>
<td>9355853758</td>
</tr>
<tr>
<td>EMERGENCY ROOM</td>
<td>ER DEPARTMENT</td>
<td>9473957489</td>
</tr>
</table>
</article>
</div>
</body>
</html>
```

CSS-
The CSS module is used to provide the page with the background image and the color,font,size of the text. Division classes width and height are provided by it.

```
contact - Notepad
File  Edit  Format  View  Help

body {
    background-image: url('contact.jpeg');
    background-repeat: no-repeat;
    background-size: cover;
}

.container {
    width: 100%;
}

.heading {
    text-align: center;
    font-size: 30px;
    color: #4B0082;
}
td{
    text-align: center;
    font-size: 25px;
    color: red;
}
```

First Aid (Single Page Application)-

Modules Used-

Html- It is used to design the home page of the **firstaid SPA.**
CSS modules are used to beautify the page and give specific background for the page.

Angular JS- Angular JS is used to develop the Single page appliction of the firstaid page. It is used to connect the different html pages to the home page of the SPA. Fire, Heart Attack and Fracture web pages are connected to the single page.

[Fire burn](#) [Heart attack](#) [facture](#)

IN CASE OF FIRE

STEP 1- As quickly as possible soak the burn in cool water.

STEP 2- Cover the burn area lightly with clean dry cloth. Do not apply any butter/grease on it

STEP 3- Call medical services as soon as possible

[Fire burn](#) [Heart attack](#) [facture](#)

IN CASE OF HEART ATTACK

STEP 1- Have some one quickly call the medical services.

STEP 2- Help the person lay down easily, and comfortably.

STEP 3- If person gets unconscious, start giving him/her CPR, there are 3 easy steps in CPR as C-A-B

[Fire burn](#) [Heart attack](#) [facture](#)

IN CASE OF FRACTURE

STEP 1- Help the person to a comfortable position and call the emergency services.

STEP 2- In case of Open Fracture stop the bleeding and cover it .

STEP 3- Start the PRICE treatment strategy which is a 5 feature first aid. It is the most effective technique.

```html
<html lang="en" dir="ltr">
<head>
    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.0/angular.min.js"></script>
    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.0/angular-route.js"></script>
    <script src="Qu.js">
    </script>
    <style >
.di
{
background-image: url('firstaid.jpg');
}
#a
{

  display: grid;
  grid-column-gap: 50px;
  grid-template-columns: auto auto auto;
  background-color: red;
  padding: 10px;

}
#b
{
 background-color: pink;
  border: 1px solid rgba(0, 0, 0, 0.8);
  padding: 20px;
  font-size: 30px;
  text-align: center;
}

</style>
</head>

<body ng-app="myApp" class="di">
<div id="a">
    <a href="#!fire" id="b">Fire burn</a>
    <a href="#!heart" id="b">Heart attack</a>
    <a href="#!facture" id="b">facture</a>
</div>
    <div ng-view></div>
    <script>
        var app = angular.module("myApp", ["ngRoute"]);
        app.config(function($routeProvider) {
            $routeProvider
                .when("/fire", {
                    templateUrl: "fire.html"
                })
                .when("/heart", {
                    templateUrl: "heart.html"
                })
                .when("/facture", {
                    templateUrl: "fract.html"
                });
        });
    </script>
</body>

</html>
```

ServerSide-

Hospital DataBase-

Code for existing patient database-
const mongoose = require('mongoose');
mongoose.connect('mongodb://localhost:27017/exp',   {   useNewUrlParser: true });

```
const compSchema = new mongoose.Schema({
fname:String,
lname:String,
dob:String,
bg:String,
gen:String,
mp:String
});

const Epatient = mongoose.model("Epatient", compSchema)

const ram = new Epatient({
fname:"Ram",
lname:"Kumar",
dob:"15/03/2000",
bg:"B+",
gen:"male",
mp:"Blood Pressure"

});
const jay = new Epatient({
fname:"Jay",
lname:"Sharma",
dob:"15/03/2002",
bg:"AB-",
gen:"male",
mp:"Artheritis"

});

const naveen = new Epatient({
fname:"Naveen",
lname:"Rai",
dob:"19/09/1995",
bg:"AB-",
gen:"male",
mp:"Diabetes"
```

```
});

Epatient.insertMany([ram,jay,naveen], function (err) {
    if (err) {
        console.log(err);
    } else {
        console.log("successfully saved ")
    }
});
```

```
    _id: ObjectId("5f9bf2df215af64d7ce40043")
    fname: "Ram"
    lname: "Kumar"
    dob: "15/03/2000"
    bg: "B+"
    gen: "male"
    mp: "Blood Pressure"
    __v: 0


>   _id: ObjectId("5f9bf2df215af64d7ce40044")                    ✏ ⬓ ❏ 🗑
    fname: "Jay"
    lname: "Sharma"
    dob: "15/03/2002"
    bg: "AB-"
    gen: "male"
    mp: "Artheritis"
    __v: 0


    _id: ObjectId("5f9bf2df215af64d7ce40045")
    fname: "Naveen"
    lname: "Rai"
    dob: "19/09/1995"
    bg: "AB-"
    gen: "male"
    mp: "Diabetes"
    __v: 0
```
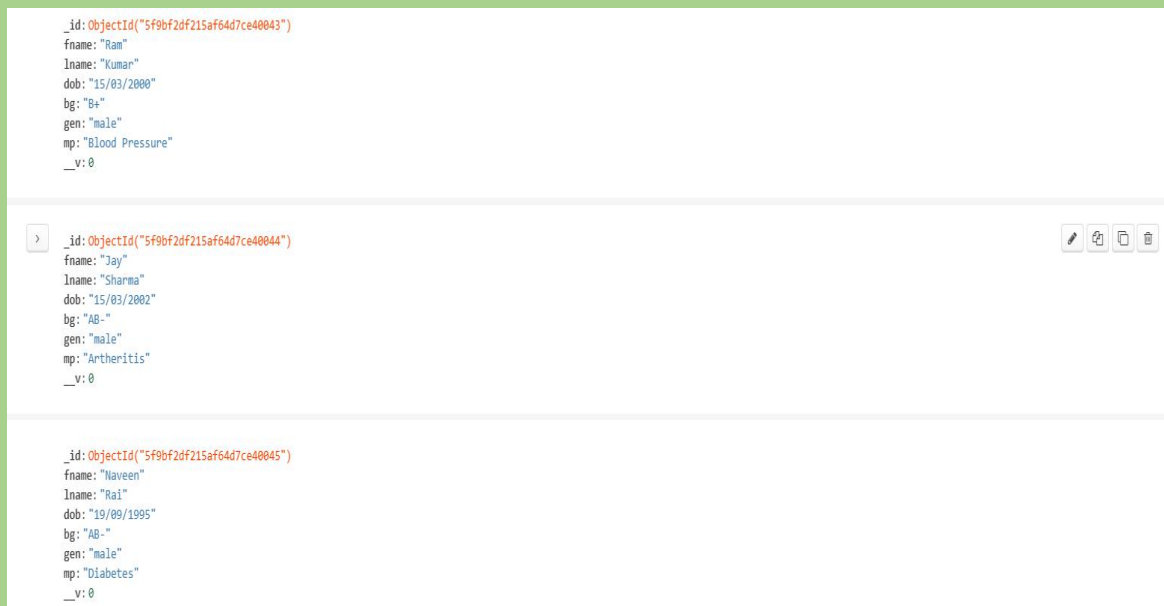
Code for database of Interns-

```
const mongoose = require('mongoose');
mongoose.connect('mongodb://localhost:27017/intern',    {    useNewUrlParser:
true });

const compSchema = new mongoose.Schema({
firstname:String,
lastname:String,
dob:String,
deg:String,
```

```javascript
gen:String,
experi:String
});

const intern = mongoose.model("intern", compSchema)

const tanvar = new intern({
firstname:"Tanvar",
lastname:"Kumar",
dob:"18/04/1997",
deg:"MBBS",
gen:"male",
experi:"2 years experience of medical work"

});
const mahesh = new intern({
firstname:"Mahesh",
lname:"Verma",
dob:"22/01/1990",
deg:"MD",
gen:"male",
experi:"4 years of medical professional work"

});

const tanisha = new intern({
firstname:"Tanisha",
lastname:"Sharma",
dob:"28/12/2000",
deg:"MD",
gen:"female",
experi:"3 years experience in ortho"

});
const riddhi = new intern({
firstname:"Riddhi",
lastname:"Sharma",
dob:"18/08/1999",
deg:"MBBS",
```

```
gen:"female",
experi:"5 years Dental experince"


});



intern.insertMany([tanvar,mahesh,tanisha,riddhi], function (err) {
    if (err) {
        console.log(err);
    } else {
        console.log("successfully saved ")
    }
});
```
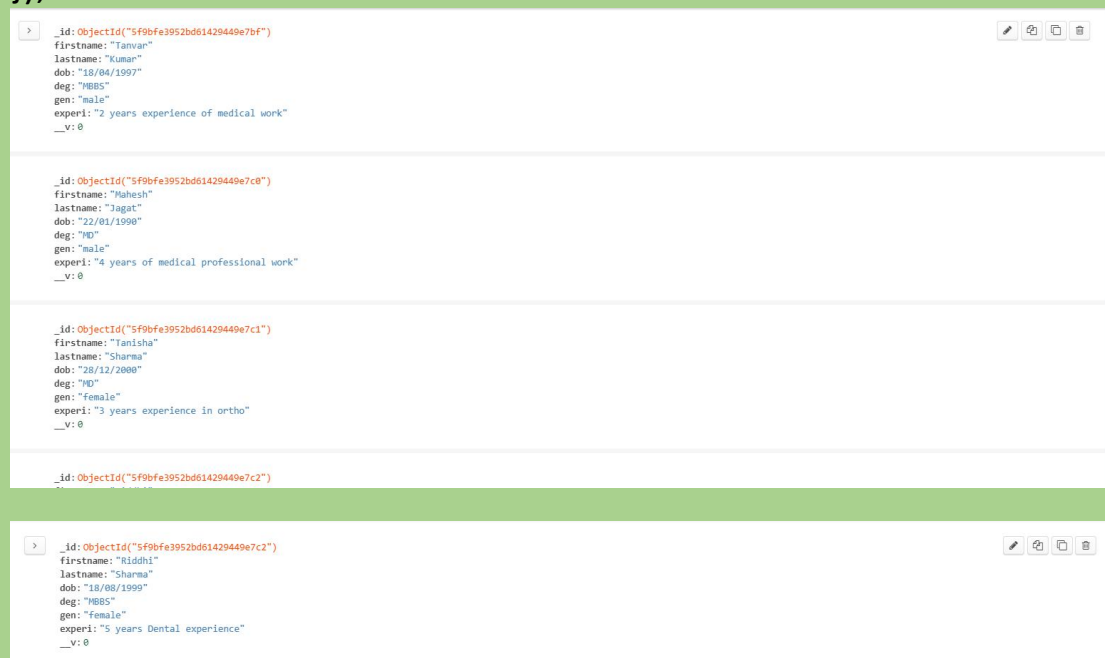

Code For new intern entry-

```
var express = require("express");
var bodyParser = require("body-parser");

const mongoose = require('mongoose');
mongoose.connect('mongodb://localhost:27017/intern',    {    useNewUrlParser:
true });

var app = express()
```

```javascript
app.use(bodyParser.json());
app.use(express.static('public'));
app.use(bodyParser.urlencoded({
    extended: true
}));

const compSchema = new mongoose.Schema({
firstname:String,
lastname1:String,
dob:String,
deg:String,
gen:String,
experi:String
});

const intern = mongoose.model("intern", compSchema)

app.post('/confirm', function (req, res) {
    var fname = req.body.firstname;
    var lname = req.body.lastname;
    var dob = req.body.dob;
    var deg = req.body.deg;
    var gen = req.body.gen;
    var experi = req.body.experi;


intern.insertMany([{   firstname:fname,lastname:lname,dob1:dob,deg:bg,gen:gen,experi:experi}], function (err) {
        if (err) {
            console.log(err);
        } else {
            res.send("insertion completed");
        }
    })


})

app.get("/", function (req, res) {
```

```
        res.sendFile(__dirname + "/intern.html")
})

app.listen(5000, function () {
        console.log("server has started on 5000");
})
```

Code For New patient database-

```
const mongoose = require('mongoose');
mongoose.connect('mongodb://localhost:27017/new',        {        useNewUrlParser:
true });

const compSchema = new mongoose.Schema({
fname:String,
lname:String,
dob:String,
bg:String,
gen:String,
experi:String
});

const Npatient = mongoose.model("Npatient", compSchema)

const sundar = new Npatient({
fname:"Sundar",
lname:"Yadav",
dob:"18/04/1997",
bg:"B+",
gen:"male",
experi:"Problem in Breathing"

});
const mahesh = new Npatient({
fname:"Mahesh",
lname:"Verma",
```

```javascript
dob:"22/01/1990",
bg:"B-",
gen:"male",
experi:"Artheritis Problem"

});

const rajesh = new Npatient({
fname:"Rajesh",
lname:"Khanna",
dob:"19/09/1995",
bg:"B+",
gen:"male",
experi:"Pain in Spinal cord"

});
const riddhi = new Npatient({
fname:"Riddhi",
lname:"Sharma",
dob:"18/08/1999",
bg:"O+",
gen:"female",
experi:"Pain in Spinal cord"

});




Npatient.insertMany([sundar,mahesh,rajesh,riddhi], function (err) {
    if (err) {
        console.log(err);
    } else {
        console.log("successfully saved ")
    }
});
```

```
> _id: ObjectId("5f9bfa95db67205d444af0f0")
    fname: "Sundar"
    lname: "Yadav"
    dob: "18/04/1997"
    bg: "B+"
    gen: "male"
    experi: "Problem in Breathing"
    __v: 0

    _id: ObjectId("5f9bfa95db67205d444af0f1")
    fname: "Mahesh"
    lname: "Verma"
    dob: "22/01/1990"
    bg: "B-"
    gen: "male"
    experi: "Artheritis Problem"
    __v: 0

    _id: ObjectId("5f9bfa95db67205d444af0f2")
    fname: "Rajesh"
    lname: "Khanna"
    dob: "19/09/1995"
    bg: "B+"
    gen: "male"
    experi: "Pain in Spinal cord"
    __v: 0

    _id: ObjectId("5f9bfa95db67205d444af0f3")
    fname: "Riddhi"
    lname: "Sharma"
    dob: "18/08/1999"
    bg: "O+"
    gen: "male"
    experi: "Pain in Spinal cord"
    __v: 0
```

Code for entry for New Patient-

```javascript
var express = require("express");
var bodyParser = require("body-parser");

const mongoose = require('mongoose');
mongoose.connect('mongodb://localhost:27017/new',     {     useNewUrlParser:
true });

var app = express()


app.use(bodyParser.json());
app.use(express.static('public'));
app.use(bodyParser.urlencoded({
     extended: true
}));

const compSchema = new mongoose.Schema({
fname1:String,
lname1:String,
dob1:String,
bg1:String,
gen1:String,
mp1:String
});
```

```javascript
const Npatient = mongoose.model("Npatient", compSchema)

app.post('/confirm', function (req, res) {
    var fname = req.body.fname;
    var lname = req.body.lname;
    var dob = req.body.dob;
    var bg = req.body.bg;
    var gen = req.body.gen;
    var experi = req.body.experi;


Npatient.insertMany([{  fname1:fname,lname1:lname,dob1:dob,bg1:bg,gen1:gen,mp1:experi}], function (err) {
            if (err) {
                console.log(err);
            } else {
                res.send("insertion completed");
            }
    })


})

app.get("/", function (req, res) {
    res.sendFile(__dirname + "/new.html")
})

app.listen(5000, function () {
    console.log("server has started on 5000");
})
```

Code for database of employees-


```javascript
Aconst mongoose = require('mongoose');
mongoose.connect('mongodb://localhost:27017/hospital',  {  useNewUrlParser:
true });
```

```javascript
const compSchema = new mongoose.Schema({
fname:String,
lname:String,
dob:String,
bg:String,
gen:String,
mp:String
});

const Employee = mongoose.model("Employee", compSchema)

const ujjawal = new Employee({
fname:"ujjawal",
lname:"Srivastava",
dob:"15/03/2000",
bg:"B+",
gen:"male",
mp:"Blood Pressure"

});
const jaivik = new Employee({
fname:"ujjawal",
lname:"Sri",
dob:"15/03/2002",
bg:"B-",
gen:"male",
mp:"Blood Pressure"

});

Employee.insertMany([ujjawal,jaivik], function (err) {
    if (err) {
        console.log(err);
    } else {
        console.log("successfully saved ")
    }
});
```

Connect View Collection Help

Local

> 5 DBS   3 COLLECTIONS

☆ FAVORITE

Q Filter your data

> admin
> company
> config
∨ hospital
   employees
> local
> student

hospital employees
Documents

hospital.employees

DOCUMENTS 3   TOTAL SIZE 304B AVG. SIZE 101B   INDEXES 1   TOTAL SIZE 36.0KB AVG. SIZE 36.0KB

Documents   Aggregations   Schema   Explain Plan   Indexes   Validation

FILTER   ▸ OPTIONS **FIND** RESET ⋯

± ADD DATA ▾   VIEW ≣ {} ⊞   Displaying documents 1 - 3 of 3 ‹ › ↻ REFRESH

```
_id: ObjectId("5f9be69060c0e920b842cd2c")
fname: "ujjawal"
lname: "Srivastava"
dob: "15/03/2000"
bg: "B+"
gen: "male"
mp: "Blood Pressure"
__v: 0
```

```
_id: ObjectId("5f9be69060c0e920b842cd2d")
fname: "ujjawal"
lname: "Sri"
dob: "15/03/2002"
bg: "B-"
gen: "male"
mp: "Blood Pressure"
__v: 0
```

```
_id: ObjectId("5f9be6cfcad3245b68ddc0f4")
__v: 0
```