# Ex.No: 4&5 Design front-end and back-end of the Application - Angular & Node JS

#### Aim:

To Design a Hospital Management System application using Angular JS as front end and Node JS as backend.

# **Application Description:**

LifeCare is a web application that have 2 login systems. One for hospitals and other for end-users. After a hospital login, the hospital representatives can update the bed availability. After a end-user login, he/she can see the bed availability in the hospitals and also can fix an appointment through online mode. In some cases of consultations, the patients can have virtual consultations with doctors. Incase of any issues with the applications, the end-user or hospital's representative can contact the admin and complaint about the issue or suggest any improvements.

### Code:

# angular.min.js

var app = angular.module("myApp",[]);

```
app.directive("about",function() {
 return {
    template : "<br><h1>About us</h1> We students of Thiagarjar College
of engineering have planned to create a website for all the uers.
Considering this pandemic suituation we have planned to make a website
named LifeCare where the users can check the free availability of beds in
the hospital and to make appointments with the doctors to meet them or to
make virtual consultancy. Our website will make a easy path for the users
to check about availability of hospitals 24/7."
 };
});
app.directive("appointmentSection",function() {
 return {
    template : "<br><h1>Appointments</h1><br>We have set the
appiontment features to all the users so that you can see the doctors
availabity in our website. then you can fill the form to mention their
availability of time and their problem. If the doctor was able to attend
that patient, they will give the appointment to that user. If you have to
make any appointments you are requested to have a login id and password of
our page. If not you can create a account in our signup page. <br><br>Once
you have your own login id you have book your appointments. If its only a
minor problem you can apply for virtual meeting. Or else you can apply
here and get to meet the doctor.<br>"
```

```
};
      });
      app.directive("bedAvailabilitySection",function() {
         template : "<br><h1>Bed Availability</h1><br><br><br>>Telehealth,
      Home Devices Help Increase Bed Capacity in Hospitals. As the COVID-19 virus
      continues to spread, there is a growing need for remote monitoring of
      other types of patients. See how senior living centers are implementing
      this Virtual Exam Room.<br/>
<br/>br>Amidst the pandemic, hospitals throughout
      INDIA faced with too few beds if nothing is done to improve capacity. We
      provide telehealth serice of bed status update, that move beyond a simple
      phone or Skype call to the doctor can help everyday patients get the care
      they need while leaving more beds available for COVID-19 patients and
      providing the essential social distancing required to slow the spread of
      the dangerous virus.<br>"
       };
      });
      app.directive("virtualConsultancySection",function() {
       return {
         template: "<h1>Virtual Consultancy</h1><br>>With the help of live
      video, audio, and instant messaging, patients can now interface with
      healthcare providers from the comfort of their own home. This is
      especially beneficial for those who live in rural communities, who
      frequently would otherwise need to drive long distances to their local
      that encompasses all the ways healthcare providers remotely interact with
      their patients. In addition to treating patients via telemedicine,
      providers may use live video, audio, and instant messaging to communicate
      with their patients remotely."
       };
      });
about.js
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       return {
         template : "<br><h1>About us</h1> We students of Thiagarjar College
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      Considering this pandemic suituation we have planned to make a website
      named LifeCare where the users can check the free availability of beds in
      the hospital and to make appointments with the doctors to meet them or to
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to check about availability of hospitals 24/7."

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that patient, they will give the appointment to that user. If you have to
make any appointments you are requested to have a login id and password of
our page. If not you can create a account in our signup page. <br><br>Once
you have your own login id you have book your appointments. If its only a
minor problem you can apply for virtual meeting. Or else you can apply
here and get to meet the doctor.<br>"
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});
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other types of patients. See how senior living centers are implementing
this Virtual Exam Room. <br > Amidst the pandemic, hospitals throughout
INDIA faced with too few beds if nothing is done to improve capacity. We
provide telehealth serice of bed status update, that move beyond a simple
phone or Skype call to the doctor can help everyday patients get the care
they need while leaving more beds available for COVID-19 patients and
providing the essential social distancing required to slow the spread of
the dangerous virus.<br>"
 };
});
app.directive("virtualConsultancySection",function() {
 return {
    template : "<h1>Virtual Consultancy</h1><br>With the help of live
video, audio, and instant messaging, patients can now interface with
healthcare providers from the comfort of their own home. This is
especially beneficial for those who live in rural communities, who
frequently would otherwise need to drive long distances to their local
doctor office or to see a specialist.<br>> Virtual care is a broad term
that encompasses all the ways healthcare providers remotely interact with
their patients. In addition to treating patients via telemedicine,
providers may use live video, audio, and instant messaging to communicate
with their patients remotely."
 };
```

});

# constraints.js

```
var app = angular.module("myApp",[]);
app.service('time',function($interval){
 this.Time = function(){
    return new Date().toLocaleTimeString();
});
app.controller('myCtrl', function($scope,$interval,myFactory,time) {
  $scope.theTime = time.Time();
 $interval(function () {
      $scope.theTime = time.Time();
  }, 1000);
 $scope.checkmail = function() {
   myFactory.checkEmail($scope.email);
  }
 $scope.checkPh = function() {
   myFactory.checkPhone($scope.phone);
 $scope.checkage = function() {
   myFactory.checkAge($scope.age);
});
app.factory('myFactory', function() {
 var factory = {};
 factory.checkAge = function(a) {
   var age1 = parseInt(a);
    if (age1<0) {
      alert("Age cannot be negative");
    }
    else if (age1<18) {
      alert("Age less than 18 comes under pediatrician");
    }
 factory.checkEmail = function(email) {
    var ind = email.indexOf('@');
    if (ind==-1 && email!=="") {
      alert("Valid mail id is required");
    }
 factory.checkPhone = function(phone) {
    phone = phone.toString();
```

```
console.log(phone+" "+phone.length);
          if (phone.length!=10 && phone!=="") {
            alert("Invalid Phone Number");
          }
        }
        return factory;
      });
hospitalconstraints.js
      var app = angular.module("myApp",[]);
      app.service("myService",function() {
        this.checkBeds = function(a) {
          if (a<0) {
            alert("Beds Count cannot be negative");
          }
        this.checkLogic = function(a,b) {
          if (a<b) {
            alert("Available Beds cannot be greater than Total Beds");
          }
        }
      });
      app.controller("myCtrl",function($scope,myService) {
        $scope.bedcheck = function(a) {
          myService.checkBeds(a);
        $scope.logiccheck = function(a,b) {
          myService.checkLogic(a,b);
      });
signup.js
      var app = angular.module("myApp",[]);
      app.controller('myCtrl', function($scope,myFactory) {
        $scope.checkmail = function() {
          myFactory.checkEmail($scope.email);
        $scope.checkPh = function() {
          myFactory.checkPhone($scope.phone);
      });
```

```
app.factory('myFactory', function() {
        var factory = {};
        factory.checkAge = function(a) {
          var age = parseInt(a);
          if (age<0) {</pre>
            alert("Age cannot be negative");
          else if (age<18) {
            alert("Age less than 18 comes under pediatrician");
          }
        }
        factory.checkEmail = function(email) {
          var ind = email.indexOf('@');
          if (ind==-1 && email!=="") {
            alert("Valid mail id is required");
          }
        }
        factory.checkPhone = function(phone) {
          phone = phone.toString();
          if (phone.length!=10 && phone!=="") {
            alert("Invalid Phone Number");
          }
        }
        return factory;
      });
backend.js
      var express = require("express");
      const path = require('path');
      var mysql = require('mysql');
      var bodyParser = require('body-parser');
      var cookieParser = require('cookie-parser');
      var nodemailer = require('nodemailer');
      var transporter = nodemailer.createTransport({
          service: 'gmail',
          auth: {
            user: 'triotechies.emplonnet@gmail.com',
            pass: 'TrioTechies@123'
          }
        });
      var app = express();
      app.use(cookieParser());
      var db = mysql.createConnection({
                                         6
```

```
host: 'localhost',
    user: 'root',
    password: '',
    database: 'LifeCare'
})
db.connect((error) => {
    if (error) {
    console.log(error+"\nDatabase not Connected");
    }
    else {
         console.log("MySQL connected");
    }
})
app.use(bodyParser.json());
app.use(bodyParser.urlencoded({ extended: false }));
app.use(bodyParser.json())
app.use(express.static('public'))
app.use(bodyParser.urlencoded({
    extended:true
}))
app.use(express.static(path.join(__dirname,'./static')));
app.set('view engine','ejs');
app.get('/', function(req,res){
    res.clearCookie('user');
    res.clearCookie('hospital_user');
    res.render('Home');
  }).listen(6767);
app.get('/about',(req,res) => {
    return res.render("About");
})
app.get('/navbar',(req,res) => {
    return res.render('navbar');
})
app.get('/bed_available',(req,res) => {
    db.query('SELECT * FROM `beds availability`',(err,result) => {
```

```
if (err) {
            return res.render('bed_available', { data: "No Data Found" });
        }
        else {
            console.log(result);
            return res.render('bed_available', { data:
JSON.stringify(result) });
        }
    })
})
app.get('/bed book',(req,res) => {
    return res.render('bed_book');
})
app.get('/UserLogin',(req,res) => {
    return res.render('UserLogin', { error: '' });
})
app.get('/UserSignup',(req,res) => {
    return res.render('UserSignup',{error: ''});
})
app.post('/user signup submit',(req,res) => {
    var username = req.body.username;
    var password = req.body.password;
    var email = req.body.email;
    var phone = req.body.phone;
    var name = req.body.name;
    var address = req.body.address;
    var statement = `INSERT INTO USERS
VALUES('${username}','${password}','${name}','${email}','${phone}','${addr
ess}')`;
    db.query(statement,(error,result) => {
        if (error) {
            res.cookie("user",username);
            return res.render('UserSignUp',{ error: "UserName is already
taken!" });
        }
        else {
            return res.render('UserHome');
        }
    })
})
```

```
app.post("/user_login_submit",(req,res)=>{
    var user = req.body.user;
    var pswd = req.body.pswd;
    db.query(`SELECT password FROM USERS WHERE
username='${user}'`,function(err,result) {
        if (err) {
            return res.render('UserLogin',{ error: 'Invalid Credentials!'
});
        }
        else {
            try {
                if (result[0].password==pswd) {
                    res.cookie("user",user);
                    return res.render('UserHome');
                }
                else {
                    return res.render('UserLogin',{ error: 'Invalid
Credentials!' });
            }
            catch {
                return res.render('UserLogin',{ error: 'Invalid
Credentials!' });
            }
        }
    })
})
app.get('/UserNavbar',(req,res) => {
    return res.render('Usernavbar');
})
app.get('/UserHome',(req,res) => {
    return res.render('UserHome');
})
app.get('/appointment',(req,res) => {
    return res.render('appointment');
})
app.post('/appointment_fix',(req,res) => {
    var age = req.body.age;
    var problem = req.body.problem;
```

```
var hospital = req.body.hospital;
    var date = req.body.date;
    var time = req.body.time;
    var user = req.cookies.user;
    console.log(age+" "+problem+" "+hospital+" "+date+" "+time+"
"+user+"\n");
    var email = "";
    db.query(`SELECT name,phone,email from USERS where
username='${user}'`,(err,result) => {
        console.log(result);
        var statement = `INSERT INTO
appointments(name,phone,email,age,problem,date,hospital)
VALUES('${result[0].name}','${result[0].phone}','${result[0].email}',${age
},'${problem}','${date}, ${time}','${hospital}')`;
        console.log(statement);
        db.query(statement,(error) => {
            if (error) {
                console.log(error);
            }
        })
    })
    return res.render('close');
})
app.get('/onlineconsultancy',(req,res) => {
    return res.render('onlineconsultancy');
})
app.post('/consultancy_fix',(req,res) => {
    var age = req.body.age;
    var problem = req.body.problem;
    var hospital = req.body.hospital;
    var date = req.body.date;
    var time = req.body.time;
    var user = req.cookies.user;
    console.log(age+" "+problem+" "+hospital+" "+date+" "+time+"
"+user+"\n");
    var email = "";
    db.query(`SELECT name,phone,email from USERS where
username='${user}'`,(err,result) => {
       console.log(result);
        var statement = `INSERT INTO
virtual_consultancy(name,phone,email,age,problem,date,hospital)
```

```
VALUES('${result[0].name}','${result[0].phone}','${result[0].email}','${ag
e}','${problem}','${date}, ${time}','${hospital}')`;
        console.log(statement);
        db.query(statement,(error) => {
            if (error) {
                console.log(error);
            }
        })
    })
    return res.render('close');
})
app.get('/bed available0',(req,res) => {
    db.query('SELECT * FROM `beds availability`',(err,result) => {
        if (err) {
            return res.render('bed_available0', { data: "No Data Found"
});
        }
        else {
            return res.render('bed_available0', { data:
JSON.stringify(result) });
        }
    })
})
app.post('/book_bed',(req,res) => {
    var id = req.body.id;
    var reason = req.body.reason;
    var name = req.body.name;
    var phone = req.body.phone;
    var email = req.body.email;
    console.log(id+" "+reason+" "+name+" "+email+" "+phone);
    var statement = "Bed Booking Request:\n\nName- "+name+"\nPhone-
"+phone+"\nEmail- "+email+"\nReason- "+reason;
    db.query(`SELECT email from HOSPITALS where phone='${id}'`,(err,res)
=> {
        email = res[0].email;
        var mailOptions = {
            from: 'triotechies.emplonnet@gmail.com',
            to: email,
            subject: 'Request For Bed Booking',
            text: statement
            };
```

```
transporter.sendMail(mailOptions);
    });
    return res.render('Home');
})
app.post('/book_bed0',(req,res) => {
    var id = req.body.id;
    var reason = req.body.reason;
    var user = req.cookies.user;
    var email = "";
    console.log(id+" "+reason+" "+user+" "+email);
    db.query(`SELECT name, phone, email from USERS where
username='${user}'`,(err,res) => {
        var statement = "Name- "+res[0].name+"\nPhone-
"+res[0].phone+"\nEmail- "+res[0].email+"\nReason- "+reason;
        db.query(`SELECT email from HOSPITALS where
phone='${id}'`,(err,res) => {
            email = res[0].email;
            var mailOptions = {
                from: 'triotechies.emplonnet@gmail.com',
                to: email,
                subject: 'Request For Bed Booking',
                text: statement
              };
              transporter.sendMail(mailOptions);
        })
    });
    return res.render('UserHome');
})
app.get('/Hospitalnavbar',(req,res) => {
    return res.render('Hospitalnavbar');
})
app.get('/HospitalLogin',(req,res) => {
    return res.render('HospitalLogin',{ error: '' });
})
app.get('/HospitalSignup',(req,res) => {
    return res.render('HospitalSignUp',{ error: '' });
})
app.post('/hospital_login_submit',(req,res) => {
```

```
var user = req.body.user;
    var pswd = req.body.pswd;
    db.query(`SELECT password FROM Hospitals WHERE
username='${user}'`,function(err,result) {
       if (err) {
            return res.render('HospitalLogin',{ error: 'Invalid
Credentials!' });
        }
        else {
            try {
                if (result[0].password==pswd) {
                    res.cookie("hospital_user",user);
                    return res.render('HospitalHome',{error: ""});
                }
                else {
                    return res.render('HospitalLogin',{ error: 'Invalid
Credentials!' });
                }
            }
            catch {
                return res.render('HospitalLogin',{ error: 'Invalid
Credentials!' });
            }
        }
   })
})
app.post('/hospital_signup_submit',(req,res) => {
    var username = req.body.username;
    var password = req.body.password;
    var email = req.body.email;
    var phone = req.body.phone;
    var name = req.body.name;
    var address = req.body.address;
    var statement = `INSERT INTO HOSPITALS
VALUES('${username}','${password}','${name}','${email}','${phone}','${addr
ess}')`;
    db.query(statement,(error,result) => {
        if (error) {
            return res.render('HospitalSignUp',{ error: "UserName is
already taken!" });
        }
        else {
            res.cookie("hospital_user",username);
```

```
return res.render('HospitalHome',{ error: "" });
        }
    })
})
app.get('/HospitalHome',(req,res) => {
    return res.render('HospitalHome',{ error: "" });
})
app.get('/update_bed_availability',(req,res) => {
    return res.render('update_bed_availability');
})
app.post('/update bed submit',(req,res) => {
    var user = req.cookies.hospital_user;
    var tot = req.body.total_beds;
    var beds = req.body.beds_avail;
    db.query(`SELECT name from HOSPITALS WHERE username= '${user}'`,
(err, res) => {
        db.query("UPDATE `beds availability` SET `total
beds`="+tot+",`beds available`="+beds+` WHERE
name='${res[0].name}'`,(err1,res1) => {
            if (err1) {
                res.render('HospitalHome', { error: "Something went wrong.
Please try again later" });
            }
        })
    })
    return res.render('HospitalHome', {error: ""});
})
app.get('/check_appointments',(req,res) => {
    var user = req.cookies.hospital_user;
    db.query(`SELECT name FROM hospitals where username=
'${user}'`,(err,result)=> {
        db.query(`SELECT * FROM appointments where
hospital='${result[0].name}'`,(err,result) => {
            if (err) {
                return res.render('check_appointments', { data: "No Data
Found" });
            }
            else {
                return res.render('check_appointments', { data:
JSON.stringify(result) });
```

```
}
        })
    })
})
app.get('/appointment_reply',(req,res) => {
    return res.render('appointment reply');
})
app.post('/appointment_change',(req,res) => {
    var user = req.cookies.hospital_user;
    var id = req.body.id;
    var check = req.body.check;
    var date = req.body.date;
    var time = req.body.time;
    db.query(`SELECT * FROM appointments WHERE id=${id}`,(err,result) => {
        if (check=="deny" || check=="accept") {
            var statement = `Greetings from Trio Techies,\nAppointment for
${result[0].hospital} was applied on ${result[0].date}\nStatus -
${check}\n`;
            if (date!='' || time!='') {
                statement += `Date - ${date} ${time}`;
            }
            else {
                statement += `Date - ${result[0].date}`;
            var mailOptions = {
                from: 'triotechies.emplonnet@gmail.com',
                to: result[0].email,
                subject: 'Reply for Appointment',
                text: statement
              };
              transporter.sendMail(mailOptions);
        if (check=="deny") {
            db.query(`DELETE FROM appointments WHERE
id=${id};`,(err,result) => {
                if (err) throw err;
            });
        }
        else {
            db.query(`UPDATE appointments SET date="${date}, ${time}"
where id=${id};`,(err,result) => {
```

```
if (err) throw err;
            })
        }
    })
    return res.render('close');
})
app.get('/virtual_appointments',(req,res) => {
    var user = req.cookies.hospital user;
    db.query(`SELECT name FROM hospitals where username=
'${user}'`,(err,result)=> {
        db.query(`SELECT * FROM virtual_consultancy where
hospital='${result[0].name}'`,(err,result) => {
            if (err) {
                return res.render('virtual_appointments', { data: "No Data
Found" });
            }
            else {
                return res.render('virtual appointments', { data:
JSON.stringify(result) });
            }
        })
    })
})
app.get('/onlineconsultancy_reply',(req,res) => {
    return res.render('onlineconsultancy_reply');
})
app.post('/virtual_consultancy_change',(req,res) => {
    var user = req.cookies.hospital user;
    var id = req.body.id;
    var check = req.body.check;
    var date = req.body.date;
    var time = req.body.time;
    db.query(`SELECT * FROM virtual_consultancy WHERE
id=${id}`,(err,result) => {
        if (check=="deny" || check=="accept") {
            var statement = `Greetings from Trio Techies,\nVirtual
Appointment for ${result[0].hospital} was applied on
${result[0].date}\nStatus - ${check}\n`;
            if (date!='' || time!='') {
                statement += `Date - ${date} ${time}`;
            }
```

```
else {
                     statement += `Date - ${result[0].date}`;
                 var mailOptions = {
                     from: 'triotechies.emplonnet@gmail.com',
                     to: result[0].email,
                     subject: 'Reply for Virtual Appointment',
                     text: statement
                   };
                   transporter.sendMail(mailOptions);
             }
             if (check=="deny") {
                 db.query(`DELETE FROM virtual consultancy WHERE
      id=${id};`,(err) => {
                     if (err) throw err;
                 });
             }
             else {
                 db.query(`UPDATE virtual_consultancy SET date="${date},
      ${time}" where id=${id}; `,(err) => {
                     if (err) throw err;
                 })
             }
         });
         return res.render('close');
      })
Navbar.eis
      <nav id="navbar" style="font-family: 'Open Sans', sans-serif">
       <center>
         <a href="/" style="text-decoration: none;color:</pre>
     white;">Home</a>
         <a href="/About" style="text-decoration: none;color:</pre>
      white;">About</a>
         <a href="/UserLogin" style="text-decoration: none;color:</pre>
      white; ">User
         <a href="/HospitalLogin" style="text-decoration: none;color:</pre>
      white;">Hospital</a>
         </center>
        </nav>
```

### Home.ejs

```
<html>
 <head>
   <title>
     LifeCare
   </title>
   <link rel="stylesheet" href="css\home.css">
   <script src="js\angular.min.js"></script>
   <style>
     body {
       background: linear-gradient(rgba(0, 0, 2, 0.7), rgba(1, 0, 0, 0)),
url("img/internet-heartbeat.gif");
       background-repeat: no-repeat;
       background-size: 100% 95%;
       overflow: hidden;
     }
     .bgcolor {
       background-color:#46866C;
       transition: all ease-in-out 300ms;
       width: 100%;
     }
     section img {
       position: absolute;
       top: 0px;
     }
   </style>
   <script>
     function changeBg()
       let navbar= document.getElementById("navbar");
       let scrollbar= window.scrollY;
       if (scrollbar < 80) {</pre>
         navbar.classList.remove("bgcolor");
       }
       else {
         navbar.classList.add("bgcolor")
       }
     }
     window.addEventListener('scroll', changeBg);
   </script>
</head>
<body ng-app="">
```

```
<section>
        <div class="title1"><img src="/img/logo.png" style="width:200px;</pre>
      height:200px;">
        <div class="title"><br><span>Welcome</span>
        <span>&nbsp;&nbsp;We are LifeCare.<a href="/about">Know about
      us</a><br>&nbsp;&nbsp;To know about Bed Availability, <a
      href="/bed available">Click Here</a></span>
      </div></div>
      </section>
        </body>
      </html>
About.eis
      <html>
      <head>
      <script src="\js\angular.min.js"></script>
      <script src="\js\about.js"></script>
      <link rel="stylesheet" href="\css\home.css">
      <style>
      * {
          margin: 0;
          padding: 0;
          box-sizing: border-box;
          font-family: arial;
      }
      body {
          background: linear-gradient(rgba(0, 0, 2, 0.7), rgba(1, 0, 0, 0.5)),
      url("/img/about_bg.jpg");
          background-repeat: no-repeat;
          background-size: 100% 100%;
          height: 100vh;
          width: 100vw;
          position: absolute;
          top: 0;
          overflow: hidden;
      }
      .about {
```

```
width: 20cm;
    margin: 10% auto;
    padding: 100px;
    color: #fff;
    background: rgba(0,0,0,.5);
    border-radius: 5px;
}
.wrapwrap {
    height: 100vh;
    width: 100%;
}
.about h1 {
    font-family: arial;
    text-align: center;
    position: relative;
    top: -100px;
    height: 0px;
    display: block;
    border-radius: 30px;
}
.about p {
    font-family: arial;
    font-size: 1.5em;
    text-align: center;
    line-height: 30px;
    word-spacing: 5px;
    color: #e1e1e1;
}
    .about p b {
        font-style: italic;
        color: #fff;
       text-shadow: 2px 2px 2px #9E7F7F;
    }
.aboutlink {
    position: fixed;
    top: 200px;
    left: 0;
}
```

```
.aboutlink a {
        color: #fff;
        padding: 20px;
        display: block;
        height: 60px;
        width: 220px;
        background: rgba(0,0,0,.5);
        margin: 5px;
        text-align: center;
        text-decoration: none;
        text-transform: capitalize;
    }
        .aboutlink a:hover {
            margin-left: 30px;
            padding-left: 30px;
            width: 360px;
            transition: ease all .4s;
        }
.aboutinfo {
    background: linear-gradient(rgba(0, 0, 2, 0.7), rgba(1, 0, 0, 0.5)),
url("/img/about_bg.jpg");
    background-repeat: no-repeat;
    background-size: 100% 100%;
    padding: 20px;
    width: 100vw;
    height: 100vh;
}
    .aboutinfo div {
        width: 49.2vw;
        position: relative;
        top: 10%;
        height: 500px;
        padding: 100px;
        text-align: center;
        background: rgba(0,0,0,.5);
        padding: 30px;
        color: #fff;
        margin: 20px auto;
    }
```

```
.aboutinfo p {
        text-align: center;
line-height: 27px;
    word-spacing: 7px;
font-size: 20px;
    }
    .aboutinfo h2 {
        color: #ffffff;
        text-align: left;
        margin: 10px;
        clear: both;
    }
</style>
<title>About</title>
</head>
<body ng-app="myApp">
  <div ng-include="'/navbar'" method="GET"></div>
<div class="aboutlink"><br><br>
 <a id="a1" href="#top" onclick="func('a1')">About Us</a><br>
        <a id="a2" href="#appointments"</pre>
onclick="func('a2')">Appointments</a><br>
        <a id="a3" href="#bed availability" onclick="func('a3')">Bed
Avilability</a><br>
        <a id="a4" href="#virtual consultancy"</pre>
onclick="func('a4')">Virtual consultancy</a>
</div>
<div class="wrapwrap">
    <div class="about">
      <about></about>
    </div>
</div>
    <div id="appointments" class="aboutinfo">
        <br><br><br>>
        <div>
          <appointment-section></appointment-section>
        </div>
    </div>
    <div id="bed availability" class="aboutinfo">
        <br><br><br>>
        <div>
          <bed-availability-section></bed-availability-section>
```

```
</div>
    </div>
    <div id="virtual consultancy" class="aboutinfo">
        <br><br><br>>
        <div>
          <virtual-consultancy-section></virtual-consultancy-section>
    </div>
    <script>
     function func(id) {
        document.getElementById('a1').style['width']="220px";
        document.getElementById('a2').style['width']="220px";
        document.getElementById('a3').style['width']="220px";
        document.getElementById('a4').style['width']="220px";
        document.getElementById(id).style['width']="385px";
     }
    </script>
  </body>
</html>
```

# bed\_available.ejs

```
<html>
  <head>
    <title>
      LifeCare
    </title>
  <script src="/js/angular.min.js"></script>
  <link rel="stylesheet" href="\css\External.css">
  <link rel="stylesheet" href="\css\home.css">
  </head>
  <style>
    body {
      background: linear-gradient(rgba(0, 0, 2, 0.7), rgba(1, 0, 0, 0.5)),
url("/img/bed_bg2.jpg");
     background-repeat: no-repeat;
      background-size: 100% 100%;
    }
  #bed_avail td, #bed_avail th {
    border: 2px solid #ddd;
    padding: 8px;
  }
```

```
#bed avail tr{color: white;}
  #bed_avail td {padding: 20px;text-align: center;font-size: 20px;}
  #bed_avail td:hover {color: black;background-color: #ddd;font-
size:25px;}
  #bed_avail th {
    padding: 20px;
    text-align: center;
    font-size: 20px;
    color: white;
  }
  .button {
    border: none;
    color: white;
    padding: 16px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin: 4px 2px;
    transition-duration: 0.4s;
    cursor: pointer;
    background-color: transparent;
    color: white;
    border: 2px solid #008CBA;
    border-radius: 10px;
  }
  .button2:hover {
    background-color: #008CBA;
    color: white;
  }
  .bgcolor {
    background-color: purple;
    transition: all ease-in-out 300ms;
    width: 100%;
  }
  </style>
  <script>
    function changeBg()
      let navbar= document.getElementById("navbar");
      let scrollbar= window.scrollY;
      if (scrollbar < 80){</pre>
```

```
navbar.classList.remove("bgcolor");
      }
      else{
        navbar.classList.add("bgcolor")
    }window.addEventListener('scroll', changeBg);
  </script>
  <body ng-app="myApp">
    <div ng-include="'/navbar'" method="GET"></div>
    <div ng-controller="myController">
      <center>
        <div id="id01" class="modal" style="padding-top: 130px;height:</pre>
75%;">
          <div class="modal-content animate">
            <div class="imgcontainer">
              <h2>Enter The Details: </h2>
              <span
onclick="document.getElementById('id01').style.display='none'"
class="close" title="Close Modal" style="top:0px;">×</span>
            </div>
            <div class="container" style="color:black;font-family: MV</pre>
Boli;font-size: 20px;">
              <div class="panel" id="pane"><form id="subform"</pre>
action="/book bed" method="POST">
                Name: <input type="text" name="name" /><br>Email:
<input type="email" name="email" /><br>Phone: <input type="text"</pre>
name="phone" /><br><br>
                <input type="hidden" id="id" name="id">Reason(Optional):
<textarea rows="4" cols="35" name="reason"</pre>
form="subform"></textarea><br><center><button class="button button2"
type="submit" style="padding-top: 12px;height:
40px;color:black;">Submit</button></center>
              </div>
            </div>
        </div>
        </div>
      <center><input type="text" style="text-align:left;border: 1px solid</pre>
black; height: 40px; width: 200px; background: transparent; color: white; font-
size:18px;" ng-model="inp_det" placeholder="Enter the Hospital Name"
/></center>
      <span style="width: 100px;color:white">
```

```
            &n
bsp;          
                                                                                                                                                                                                                                                                                                                                                     
bsp;          
                                                                                                                                                                                                                                                                                                                                                     
bsp;          
     <div id="summa" style="height:100vh;width:100%;overflow:auto">
      <br><br><br>>
      #302b63, #24243e);opacity:0.6'>
          click="orderfn('name')">Hospital Name
          click="orderfn('phone')">Phone
          click="orderfn('working_hours')">Working Hours
          click="orderfn('description')">Description
          click="orderfn('total beds')">Total Beds
          click="orderfn('beds_available')">Beds Available
          click="orderfn('fees')">Fees
          Click Below to Book
        orderBy: cate">
          {{detail.id}}
          {{detail.name}}
          {{detail.phone}}
          {{detail.working_hours}}
          {{detail.description}}
          {{detail.total beds}}
          {{detail.beds available}}
          ₹ {{detail.fees | fee_filter}}
```

```
<button id="{{detail.phone}}" class="button button2"
onclick="updateid(this.id),document.getElementById('id01').style.display='
block'">Book a bed</button>
          <br><br><br>>
      </div>
      </center>
      </div>
  </body>
  <script>
    var modal = document.getElementById('id01');
    function updateid(id) {
      document.getElementById("id").value = id;
    }
    window.onclick = function(event) {
        if (event.target == modal) {
            modal.style.display = "none";
        }
    }
    var x = JSON.parse("<%= data</pre>
%>".replaceAll(""",'"').replaceAll("working
hours","working_hours").replaceAll("total
beds","total beds").replaceAll("beds available","beds available"));
    var app = angular.module("myApp",[]);
    app.controller("myController",function($scope) {
      $scope.orderfn = function(x1) {
        $scope.cate = x1;
      }
    });
    app.controller("tableController", function($scope) {
      $scope.details= x;
    });
    app.filter("fee_filter", function() {
      return function(x) {
        if ((x%10)<5) {
          return x-(x%10);
        }
        else {
          return x-(x%10)+10;
        }
    });
```

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

# UserLogin.ejs

```
<!DOCTYPE html>
<html>
<head>
<title>User</title>
<link rel="stylesheet" href="\css\home.css">
<script src="\js\angular.min.js"></script>
<script>
 var err = "<%= error %>";
 if (err!="") {
   alert(err);
 }
</script>
<link rel="stylesheet" href="/css/login.css">
</head>
<body ng-app="" style="height: 100vh;">
<br><br><br><br><br><br><br>
<div class="container">
   <input type="checkbox" id="switch">
   <label for="switch">
     <br/>
<br/>
<br/>
class="top"></b>
     <br/>
<br/>
<br/>
class="bottom"></b>
   <div class="login">
   <h1>Login</h1>
   <form action="/user_login_submit" method="POST">
     >
       <label for="user">User Name</label>
       <input type="text" name="user" id="user">
     >
       <label for="pass" >Password</label>
       <input type="password" name="pswd" id="pswd">
   <span>No account?</span> &nbsp;&nbsp;<u><a href="/UserSignup"</pre>
style="color:blue;">Sign up!</a></u>
       <input type="submit" value="login">
```

```
</form>
</div>
</div>
</body>
</html>
```

# UserSignup.ejs

```
<!DOCTYPE html>
<html>
<head>
<title>Sign-up</title>
<link rel="stylesheet" href="/css/signup.css">
<script src="\js\angular.min.js"></script>
<script src="\js\signup.js"></script>
<script>
   var err = "<%= error %>";
   if (err!="") {
     alert(err);
   }
</script>
<link rel="stylesheet" href="\css\home.css">
</head>
<body style="background-attachment: fixed;height: 100vh;" ng-app="myApp",</pre>
ng-controller="myCtrl">
 <div class="container">
   <input type="checkbox" id="switch">
   <label for="switch">
     <br/>
<br/>
<br/>
class="top"></b>
     <br/>
<br/>
<br/>
class="bottom"></b>
   </label>
 <div class="login">
   <h1>Sign-up</h1>
   <form action="/user_signup_submit" method="POST">
       <label for="user">User Name</label>
       <input type="text" name="username" id="username">
     >
       <label for="pass">Password</label>
       <input type="password" name="password" id="password">
```

```
>
        <label for="pass">Confirm Password</label>
        <input type="password" id="conf_password">
      >
        <label for="user">Name</label>
       <input type="text" name="name">
      >
       <label for="user">Phone</label>
        <input type="number" ng-model="phone" name="phone" ng-</pre>
blur="checkPh()">
     >
       <label for="user">Email</label>
       <input type="text" ng-model="email" ng-blur="checkmail()"</pre>
name="email">
      >
        <label for="user">Address</label>
       <input type="text" name="address">
      <span>Already have an account?</span><u><a style="color:blue;"</pre>
href="/UserLogin">Login!</a></u>
      >
       <input type="submit" value="sign up">
      </form>
 </div>
</div>
<br><br><br>>
</body>
</html>
```

### UserHome.ejs

```
<html>
    <head>
        <title>
            LifeCare-User
            </title>
            <link rel="stylesheet" href="\css\home.css">
            30
```

```
<script src="\js\angular.min.js"></script>
    <style>
      .dropdown {
        position: relative;
        display: inline-block;
      }
      .dropdown-content {
        display: none;
        position: absolute;
        background-color: #f1f1f1;
        min-width: 160px;
        box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
        z-index: 1;
      }
      .dropdown-content a {
        color: black;
        padding: 12px 16px;
        text-decoration: none;
        display: block;
      }
      .dropdown-content a:hover {background-color: #ddd;}
      .dropdown:hover .dropdown-content {display: block;}
      .dropdown:hover .dropbtn {background-color: #3e8e41;}
      body {
        background: linear-gradient(rgba(0, 0, 1, 1), rgba(1, 0, 0, 0.5)),
url("/img/home_bg0.jpg");
        background-repeat: no-repeat;
        background-size: cover;
        overflow: hidden;
      }
      .bgcolor {
        background-color:#46866C;
        transition: all ease-in-out 300ms;
        width: 100%;
      }
      section img {
        position: absolute;
        top: 0px;
      }
    </style>
    <script>
      function changeBg()
```

```
{
       let navbar= document.getElementById("navbar");
       let scrollbar= window.scrollY;
       if (scrollbar < 80) {</pre>
         navbar.classList.remove("bgcolor");
       }
       else {
         navbar.classList.add("bgcolor")
       }
     window.addEventListener('scroll', changeBg);
    </script>
</head>
<body ng-app="">
  <div ng-include="'/Usernavbar'"></div>
<section>
  <div class="title1"><img src="/img/logo.png" style="width:250px;</pre>
height:250px;">
  <div class="title" style="padding-left: 180px;"><br><span>Welcome</span>
 <span>
      To know about Bed Availability, <a</pre>
href="/bed_available0">Click Here</a><br><br>
      To book an Appointment, <a target=" blank"</pre>
href="/appointment">Click Here</a><br><br>
      To book a Virtual Consultation, <a target=" blank"</pre>
href="/onlineconsultancy">Click Here</a><br><br>
</span>
</div></div>
</section>
</body>
</html>
```

### Usernavbar.ejs

# bed\_available0.ejs

```
<!DOCTYPE html>
<html>
  <head>
    <title>
      LifeCare
    </title>
  <script src="/js/angular.min.js"></script>
  <link rel="stylesheet" href="\css\External.css">
  <link rel="stylesheet" href="\css\home.css">
  </head>
  <style>
  body {
    background: linear-gradient(rgba(0, 0, 2, 0.7), rgba(1, 0, 0, 0.5)),
url("/img/bed bg2.jpg");
    background-repeat: no-repeat;
    background-size: 100% 100%;
  }
  #bed_avail td, #bed_avail th {
    border: 2px solid #ddd;
    padding: 8px;
  }
  #bed_avail tr{color: white;}
  #bed_avail td {padding: 20px;text-align: center;font-size: 20px;}
  #bed avail td:hover {color: black;background-color: #ddd;font-
size:25px;}
  #bed_avail th {
    padding: 20px;
    text-align: center;
    font-size: 20px;
    color: white;
  }
  .button {
    border: none;
    color: white;
    padding: 16px 32px;
```

```
text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 16px;
 margin: 4px 2px;
  transition-duration: 0.4s;
  cursor: pointer;
  background-color: transparent;
  color: white;
  border: 2px solid #008CBA;
 border-radius: 10px;
}
.button2:hover {
  background-color: #008CBA;
  color: white;
}
.button.button2:hover {
  background-color: #008CBA;
  color: white;
}
.bgcolor {
 background-color: purple;
 transition: all ease-in-out 300ms;
 width: 100%;
}
</style>
<script>
  function changeBg()
    let navbar= document.getElementById("navbar");
    let scrollbar= window.scrollY;
   if (scrollbar < 80){</pre>
     navbar.classList.remove("bgcolor");
    }
    else{
     navbar.classList.add("bgcolor")
  }window.addEventListener('scroll', changeBg);
</script>
<body ng-app="myApp">
  <div ng-include="'/Usernavbar'"></div>
```

```
<div ng-controller="myController">
     <center>
       <div id="id01" class="modal" style="padding-top: 150px;height:</pre>
60%;">
          <div class="modal-content animate">
             <div class="imgcontainer">
               <h2>Enter The Details: </h2>
               < span
onclick="document.getElementById('id01').style.display='none'"
class="close" title="Close Modal">×</span>
             </div>
             <div class="container" style="color:black;font-family: MV</pre>
Boli;font-size: 20px;">
               <div class="panel" id="pane"><br><form id="subform"</pre>
action="/book bed0" method="POST"><input type="hidden" id="id"</pre>
name="id">Reason(Optional): <textarea rows="4" cols="50" name="reason"</pre>
form="subform"></textarea><br><br><br><center><button class="button"</pre>
button2" type="submit" style="padding-top: 12px;height:
40px;color:black;">Submit</button></center>
               </div>
             </div>
       </div>
       </div>
     <center><input type="text" style="text-align:left;border: 1px solid</pre>
black; height: 40px; width: 200px; background: transparent; color: white; font-
size:18px;" ng-model="inp_det" placeholder="Enter the Hospital Name"
/></center>
     <span style="width: 100px;color:white">
                                                                                                                                                                                                                                                                                                                                                     
bsp;          
                                                                                                                                                                                                                                                                                                                                                     
bsp;          
                                                                                                                                                                                                                                                                                                                                                     
bsp;          
     <div id="summa" style="height:100vh;width:100%;overflow:auto">
       <br><br><br>>
       #24243e);opacity:0.6'>
             Id
```

```
Hospital
Name
      click="orderfn('phone')">Phone
      click="orderfn('working_hours')">Working Hours
      click="orderfn('description')">Description
      click="orderfn('total_beds')">Total Beds
      click="orderfn('beds_available')">Beds Available
      click="orderfn('fees')">Fees
      Click Below to Book
     orderBy: cate">
      {{detail.id}}
      {{detail.name}}
      {{detail.phone}}
      {{detail.working_hours}}
      {{detail.description}}
      {{detail.total beds}}
      {{detail.beds_available}}
      ₹ {{detail.fees | fee filter}}
      <button id="{{detail.phone}}" class="button button2"
onclick="updateid(this.id),document.getElementById('id01').style.display='
block'">Book a bed</button>
     <br><br><br>>
  </div>
  </center>
  </div>
 </body>
 <script>
  var modal = document.getElementById('id01');
  function updateid(id) {
    document.getElementById("id").value = id;
  window.onclick = function(event) {
     if (event.target == modal) {
        modal.style.display = "none";
```

```
}
          }
          var x = JSON.parse("<%= data</pre>
      %>".replaceAll(""",'"').replaceAll("working
      hours","working_hours").replaceAll("total
      beds","total_beds").replaceAll("beds available","beds_available"));
          console.log(x);
          var app = angular.module("myApp",[]);
          app.controller("myController",function($scope) {
            $scope.orderfn = function(x1) {
              $scope.cate = x1;
            }
          });
          app.controller("tableController", function($scope) {
            $scope.details= x;
          });
          app.filter("fee_filter", function() {
            return function(x) {
              if ((x%10)<5) {
                return x-(x%10);
              }
              else {
                return x-(x%10)+10;
              }
            }
          });
        </script>
      </html>
appointment.ejs
      <!doctype html>
      <html>
      <head>
      <title>Appointments</title>
      <script src="/js/angular.min.js"></script>
      <script src="/js/constraints.js"></script>
      <style type="text/css">
      * {
        margin : 0;
        padding : 0 ;
      }
      body {
```

```
background: linear-gradient(rgba(0, 0, 1, 0), rgba(1, 0, 0, 0.5)),
url('/img/3.jpg');
background-repeat:no-repeat;
background-size : cover ;
font-family : sans-serif ;
height: 100vh;
overflow: hidden;
}
.regform{
  width:800px;
  background-color: rgb(0,0,0,0.6);
  margin: auto;
  color: #ffffff;
  padding: 10px 0px 10px 0px;
  text-align: center;
  border-radius: 15px 15px 0px 0px;
}
.main{
  background-color: rgb(0,0,0,0.5);
  width:800px;
  margin: auto;
}
form{
  padding: 10px;
}
#name{
  width: 100%;
  height: 100px;
  /* width: 120px; */
}
.name {
margin-left : 20px ;
margin-top : 30px ;
width : 300px ;
color : white ;
font-size : 18px ;
font-weight : 700 ;
}
.dob{
position : relative;
left: 200px ;
top: -37px;
```

```
line-height : 40px ;
width : 480px ;
border-radius : 6px ;
padding : 0 22px;
font-size : 16px ;
color: #555;
}
.email{
position : relative;
left: 200px ;
top: -37px;
line-height : 40px ;
width: 480px;
border-radius : 6px ;
padding : 0 22px;
font-size : 16px ;
color: #555;
}
.applying{
position : relative;
left: 200px ;
top: -37px;
line-height : 40px ;
width: 480px;
border-radius : 6px ;
padding : 0 22px;
font-size : 16px ;
color : #555 ;
}
.mark{
position : relative;
left: 200px ;
top: -37px;
line-height : 40px ;
width : 480px ;
border-radius : 6px ;
padding : 0 22px;
font-size : 16px ;
color : #555 ;
}
```

```
button{
background-color : #2C907C ;
display : block;
margin: 20px 0px 0px 20px;
text-align : center ;
border-radius : 12px ;
border: 2px solid #2A524A;
padding : 14px 110px;
outline : none ;
color : white;
cursor : pointer ;
transition : 0.25px;
}
button:hover{
background-color : #5390F5 ;
}
</style>
</head>
<body ng-app="myApp" ng-controller="myCtrl"><br><br><br>
<div class="regform"><h1 style="float:left;padding:3px;"> Appointment
</h1><span style="float: right;padding: 3px;font-</pre>
size:30px;">{{theTime}}</span><br></div>
<div class="main">
<form name="schoolform" style="border:1px solid #ccc"</pre>
action="/appointment_fix" method="POST">
<h2 class="name"> Age </h2>
<input class ="dob" name="age" id="School_id" type="number" ng-model="age"</pre>
ng-blur="checkage()">
<h2 class="name"> Problem </h2>
<input class ="email" name="problem" id="School_name" type="text"</pre>
name="School_name">
<h2 class ="name"> Hospital Name </h2>
<input class ="applying" name="hospital" id="Standard" type="text"</pre>
name="Standard">
<h2 class ="name"> Date of Appointment</h2>
```

```
                                                                                                                                                                                                                                                                                                                                                     
bsp;           
p;   
<input class ="mark" name="date" id="No. of Seats" type="date"</pre>
style="width: 350px;" name="No._of_Seats">
<h2 class ="name"> Time of Appointment</h2>
           &n
bsp;           
p;   
<input class ="mark" name="time" id="No._of_Seats" type="time"</pre>
style="width: 350px;" name="No._of_Seats">
<br><center>
<button type="submit">SUBMIT</button></center><br>
</form>
</div>
</body>
</html>
```

# onlineconsultancy.ejs

```
<html>
<head>
<title>Virtual Consultation</title>
<script src="/js/angular.min.js"></script>
<script src="/js/constraints.js"></script>
<style type="text/css">
* {
margin : 0;
padding : 0 ;
}
body {
overflow: hidden;
background: linear-gradient(rgba(0, 0, 0.5, 0), rgba(0, 0, 1, 0.5)),
url('/img/2.jpg');
background-repeat:no-repeat;
background-position : center;
background-size : cover ;
font-family : sans-serif ;
height: 100vh;
margin-top : 40px;
}
.regform{
```

```
width:800px;
  background-color: rgb(0,0,0,0.6);
  margin: auto;
  color: #ffffff;
  padding: 10px 0px 10px 0px;
  text-align: center;
  border-radius: 15px 15px 0px 0px;
}
.main{
  background-color: rgb(0,0,0,0.5);
  width:800px;
  margin: auto;
}
form{
  padding: 10px;
}
#name{
  width: 100%;
  height: 100px;
}
.name {
margin-left : 25px ;
margin-top : 30px ;
width : 300px ;
color : white ;
font-size : 18px ;
font-weight : 700 ;
}
.dob{
position : relative;
left: 200px ;
top: -37px;
line-height : 40px ;
width : 480px ;
border-radius : 6px ;
padding : 0 22px;
font-size : 16px ;
color: #555;
}
.email{
```

```
position : relative;
left: 200px ;
top: -37px;
line-height : 40px ;
width: 480px;
border-radius : 6px ;
padding : 0 22px;
font-size : 16px ;
color : #555 ;
}
.applying{
position : relative;
left: 200px ;
top: -37px;
line-height : 40px ;
width : 480px ;
border-radius : 6px ;
padding : 0 22px;
font-size : 16px ;
color: #555;
}
.mark{
position : relative;
left: 200px ;
top: -37px;
line-height : 40px ;
width: 480px;
border-radius : 6px ;
padding : 0 22px;
font-size : 16px ;
color: #555;
}
button{
background-color : #2C907C ;
display : block;
margin : 20px 0px 0px 20px;
text-align : center ;
border-radius : 12px ;
border: 2px solid #2A524A;
padding : 14px 110px;
outline : none ;
```

```
color : white;
cursor : pointer ;
transition: 0.25px;
}
button:hover{
background-color : #5390F5 ;
}
</style>
</head>
<body ng-app="myApp" ng-controller="myCtrl"><br>
<div class="regform"><h1 style="float:left;padding:3px;"> Virtual
Consultancy </h1><span style="float: right;padding: 3px;font-
size:30px;">{{theTime}}</span><br></div>
<div class="main">
   <form name="schoolform" style="border:1px solid #ccc"</pre>
action="/consultancy_fix" method="POST">
     <h2 class="name"> Age </h2>
     <input class ="dob" name="age" id="School_id" type="number" ng-</pre>
model="age" ng-blur="checkage()">
     <h2 class="name"> Problem </h2>
     <input class ="email" name="problem" id="School_name" type="text"</pre>
name="School name">
     <h2 class ="name"> Hospital Name </h2>
     <input class ="applying" name="hospital" id="Standard" type="text"</pre>
name="Standard">
     <h2 class ="name"> Date of Appointment</h2>
                                                                                                                                                                                                                                                                                                                                                     
bsp;          
p;   
     <input class ="mark" name="date" id="No._of_Seats" type="date"</pre>
style="width: 350px;" name="No._of_Seats">
     <h2 class ="name"> Time of Appointment</h2>
```

```
bsp;                                                                                                                                                                                                                                                                                                                                                   &nb
```

### HospitalLogin.ejs

```
<!DOCTYPE html>
<html>
<head>
<title>Hospital</title>
<link rel="stylesheet" href="\css\home.css">
<script src="\js\angular.min.js"></script>
<link rel="stylesheet" href="/css/login.css">
<script>
 var err = "<%= error %>";
 if (err!="") {
   alert(err);
 }
</script>
</head>
<body ng-app="" style="height:100vh">
<div class="container">
   <input type="checkbox" id="switch">
   <label for="switch">
     <br/><br/>b class="top"></b>
     <br/><br/>b class="bottom"></b>
   <div class="login">
   <h1>Login</h1>
   <form action="/hospital_login_submit" method="POST">
     >
       <label for="user">User Name</label>
       <input type="text" name="user">
     >
```

#### HospitalSignup.ejs

```
<!DOCTYPE html>
<html>
<head>
<title>Sign-up</title>
<link rel="stylesheet" href="/css/signup.css">
<link rel="stylesheet" href="\css\home.css">
<script src="\js\angular.min.js"></script>
<script>
 var err = "<%= error %>";
 if (err!="") {
   alert(err);
 }
</script>
</head>
<body ng-app="" style="background-attachment:fixed;">
<div class="container">
   <input type="checkbox" id="switch">
   <label for="switch">
     <br/>
<br/>
<br/>
class="top"></b>
     <br/>
<br/>
<br/>
class="bottom"></b>
   </label>
 <div class="login">
   <h1>Sign-up</h1>
   <form action="hospital signup submit" method="POST">
     >
```

```
<label for="user">User Name</label>
       <input type="text" name="username" id="username">
      >
       <label for="pass">Password</label>
       <input type="password" name="password" id="password">
      >
       <label for="user">Hospital Name</label>
       <input type="text" name="name">
      >
       <label for="pass">Working Hours</label>
       <input type="text" name="work hours">
      >
       <label for="user">Phone</label>
       <input type="number" ng-model="phone" name="phone" ng-</pre>
blur="checkPh()">
      >
       <label for="user">Email</label>
       <input type="text" ng-model="email" ng-blur="checkmail()"</pre>
name="email">
      >
       <label for="user">Description</label>
       <input type="text" name="description">
   <span>Already have an account?</span><u><a style="color:blue;"</pre>
href="/HospitalLogin">Login!</a></u>
       <input type="submit" value="sign up">
     </form>
 </div>
</div>
</body>
</html>
```

### HospitalHome.ejs

```
<html>
  <head>
    <title>
      LifeCare-Hospital
    </title>
    <link rel="stylesheet" href="\css\home.css">
    <script src="\js\angular.min.js"></script>
    <style>
      .dropdown {
        position: relative;
       display: inline-block;
      }
      .dropdown-content {
        display: none;
        position: absolute;
        background-color: #f1f1f1;
        min-width: 160px;
        box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
        z-index: 1;
      }
      .dropdown-content a {
        color: black;
        padding: 12px 16px;
        text-decoration: none;
        display: block;
      .dropdown-content a:hover {background-color: #ddd;}
      .dropdown:hover .dropdown-content {display: block;}
      .dropdown:hover .dropbtn {background-color: #3e8e41;}
      body {
        background: linear-gradient(rgba(0, 0, 1, 1), rgba(1, 0, 0, 0.5)),
url("/img/home_bg0.jpg");
        background-repeat: no-repeat;
        background-size: cover;
        overflow: hidden;
      }
      .bgcolor {
        background-color:#46866C;
        transition: all ease-in-out 300ms;
        width: 100%;
      }
```

```
section img {
       position: absolute;
       top: 0px;
      }
    </style>
    <script>
     function changeBg()
     {
       let navbar= document.getElementById("navbar");
       let scrollbar= window.scrollY;
       if (scrollbar < 80) {</pre>
          navbar.classList.remove("bgcolor");
       }
       else {
         navbar.classList.add("bgcolor")
       }
      }
     window.addEventListener('scroll', changeBg);
    </script>
    <script>
     var err = "<%= error %>";
      if (err!="") {
       alert(err);
      }
    </script>
</head>
<body ng-app="">
  <div ng-include="'/Hospitalnavbar'"></div>
<section>
  <div class="title1"><img src="/img/logo.png" style="width:250px;</pre>
height:250px;">
 <div class="title" style="padding-left: 230px;"><br><span>Welcome</span>
 <span>
      To Update Bed Availability, <a target="_blank"</pre>
href="/update_bed_availability">Click Here</a><br><br>
      To Look about Appointment, <a</pre>
href="/check_appointments">Click Here</a><br><br>
      To Look about Virtual Consultation, <a</pre>
href="/virtual_appointments">Click Here</a><br><br>
</span>
</div></div>
</section>
</body>
```

```
</html>
```

#### Hospitalnavbar.ejs

### check\_appointments.ejs

```
<!DOCTYPE html>
<html>
  <head>
    <title>
      LifeCare
    </title>
  <script src="/js/angular.min.js"></script>
  <link rel="stylesheet" href="\css\home.css">
  </head>
  <style>
    body {
      background: linear-gradient(rgba(0, 0, 2, 0.7), rgba(1, 0, 0, 0.5)),
url("/img/bed_bg2.jpg");
      background-repeat: no-repeat;
      background-size: 100% 100%;
    }
  #bed avail td, #bed avail th {
    border: 2px solid #ddd;
    padding: 8px;
  }
  #bed avail tr{color: white;}
```

```
#bed_avail td {padding: 20px;text-align: center;font-size: 20px;}
  #bed avail td:hover {color: black;background-color: #ddd;font-
size:25px;}
  #bed avail th {
    padding: 20px;
    text-align: center;
    font-size: 20px;
    color: white;
  }
  .button {
    border: none;
    color: white;
    padding: 16px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin: 4px 2px;
    transition-duration: 0.4s;
    cursor: pointer;
    background-color: transparent;
    color: white;
    border: 2px solid #008CBA;
    border-radius: 10px;
  }
  .button2:hover {
    background-color: #008CBA;
    color: white;
  }
  .bgcolor {
    background-color: purple;
    transition: all ease-in-out 300ms;
    width: 100%;
  }
  </style>
  <script>
    function changeBg()
      let navbar= document.getElementById("navbar");
      let scrollbar= window.scrollY;
      if (scrollbar < 80){</pre>
        navbar.classList.remove("bgcolor");
      }
```

```
else{
        navbar.classList.add("bgcolor")
    }window.addEventListener('scroll', changeBg);
  </script>
  <body ng-app="myApp">
    <div ng-include="'/Hospitalnavbar'"></div>
    <div ng-controller="myController">
      <center>
      <input type="text" style="text-align:left;border: 1px solid</pre>
black; height: 40px; width: 200px; background: transparent; color: white; font-
size:18px;" ng-model="inp det" placeholder="Enter the Patient Name" />
      <span style="width: 100px;color:white">
           &n
bsp;          
           &n
bsp;   
            <input type="text" style="text-align:left;border: 1px solid</pre>
black; height: 40px; width: 200px; background: transparent; color: white; font-
size:18px;" ng-model="inp det1" placeholder="Enter the Doctor Name" />
                                                                                                                                                                                                                                                                                                                                                     
bsp;          
                                                                                                                                                                                                                                                                                                                                                     
bsp;          
      </span>
      <a href="/appointment_reply" target="_blank"><button class="button"</pre>
button2">Accept/Deny</button></a>
      <div id="summa" style="height:100vh;width:100%;overflow:auto">
        <br><br><br>>
        #302b63, #24243e);'>
            click="orderfn('name')">Name
            click="orderfn('phone')">Phone
```

```
click="orderfn('email')">Email
        click="orderfn('age')">Age
        click="orderfn('description')">Description
        click="orderfn('date')">Date
        click="orderfn('hospital')">Hospital Name
      filter: {hospital:inp_det1} | orderBy: cate">
        {{detail.id}}
        {{detail.name}}
        {{detail.phone}}
        {{detail.email}}
        {{detail.age}}
        {{detail.problem}}
        {{detail.date}}
        {{detail.hospital}}
      <br><br><br>>
    </div>
    </center>
    </div>
  </body>
  <script>
    var x = JSON.parse("<%= data %>".replaceAll("&#34;",'"'));
 var app = angular.module("myApp",[]);
 app.controller("myController",function($scope) {
  $scope.details = x;
  $scope.orderfn = function(x1) {
    $scope.cate = x1;
  }
 });
  </script>
 </html>
</html>
```

### appointment\_reply.ejs

```
<!doctype html>
<html>
<head>
<title>Appointment</title>
<style type="text/css">
* {
margin : 0;
padding : 0 ;
}
body {
background :linear-gradient(rgba(0, 0, 1, 0.7), rgba(1, 0, 0, 0.5)),
url('/img/4.jpg');
height: 100vh;
overflow: hidden;
background-position : center;
background-size : cover ;
font-family : sans-serif ;
margin-top : 40px;
}
.regform{
  width:800px;
  background-color: rgb(0,0,0,0.6);
  margin: auto;
  color: #ffffff;
  padding: 10px 0px 10px 0px;
  text-align: center;
  border-radius: 15px 15px 0px 0px;
}
.main{
  background-color: rgb(0,0,0,0.5);
 width:800px;
  margin: auto;
}
#student{
margin-left : 25px ;
color: white;
font-size : 18px ;
}
.radio{
display : inline-block;
padding-right : 70px ;
font-size : 25px ;
```

```
margin-left : 25px ;
margin-top : 15px ;
color : white ;
}
.radio input{
width : 20px;
height: 20px;
border-radius: 50%;
cursor: pointer;
outline: none;
}
form{
  padding: 10px;
}
#name{
 width: 100%;
  height: 100px;
}
.name {
margin-left : 25px ;
margin-top : 30px ;
width: 125px;
color : white ;
font-size : 18px ;
font-weight : 700 ;
}
.dob{
position : relative;
left: 200px ;
top: -37px;
line-height : 40px ;
width: 480px;
border-radius : 6px ;
padding : 0 22px;
font-size : 16px ;
color : #555 ;
}
```

.applying{

```
position : relative;
left: 200px ;
top: -37px;
line-height : 40px ;
width: 480px;
border-radius : 6px ;
padding : 0 22px;
font-size : 16px ;
color: #555;
}
button{
background-color : #2C907C ;
display : block;
margin: 20px 0px 0px 20px;
text-align : center ;
border-radius : 12px ;
border: 2px solid #2A524A;
padding : 14px 110px;
outline : none ;
color : white;
cursor : pointer ;
transition: 0.25px;
}
button:hover{
background-color : #5390F5 ;
}
</style>
</head>
<div class="regform"><h1>Appointment Reply</h1></div>
<div class="main" style="height:550px;">
<form name="schoolform" style="height:530px;border:1px solid #ccc"</pre>
action="/appointment_change" method="POST">
<h2 class="name"> Enter Id </h2>
<input class ="dob" name="id" id="School id" type="number">
<h2 class ="name">Status</h2>
```

```
<label class="radio dob" style="color: white;font-size: 20px;">
<input class="radio-one" type="radio" value="accept" name="check">
<span class="checkmark"></span>
Accept                                                                                                                                                                                                                                                                                                                                                    
bsp;
<input class="radio-two" type="radio" value="deny" name="check">
<span class="checkmark"></span>
Deny
</label>
<h2 class ="name"> Date(if alterable) </h2>
<input class ="applying" id="Standard" type="date" name="date"><br>
<h2 class ="name"> Time(if alterable) </h2>
<input class ="applying" id="Standard1" type="time" name="time">
<center>
<button type="submit">UPDATE</button></center>
</form>
</div>
<body>
</html>
```

# virtual\_appointments.ejs

```
<!DOCTYPE html>
<html>
 <head>
    <title>
      LifeCare
    </title>
 <script src="/js/angular.min.js"></script>
  <link rel="stylesheet" href="\css\home.css">
  </head>
 <style>
 body {
    background: linear-gradient(rgba(0, 0, 2, 0.7), rgba(1, 0, 0, 0.5)),
url("/img/bed bg2.jpg");
    background-repeat: no-repeat;
    background-size: 100% 100%;
  }
 #bed_avail td, #bed_avail th {
   border: 2px solid #ddd;
   padding: 8px;
  }
```

```
#bed_avail tr{color: white;}
  #bed avail td {padding: 20px;text-align: center;font-size: 20px;}
  #bed_avail td:hover {color: black;background-color: #ddd;font-
size:25px;}
  #bed_avail th {
    padding: 20px;
    text-align: center;
    font-size: 20px;
    color: white;
  }
  .button {
    border: none;
    color: white;
    padding: 16px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin: 4px 2px;
    transition-duration: 0.4s;
    cursor: pointer;
    background-color: transparent;
    color: white;
    border: 2px solid #008CBA;
    border-radius: 10px;
  }
  .button2:hover {
    background-color: #008CBA;
    color: white;
  }
  .bgcolor {
    background-color: purple;
    transition: all ease-in-out 300ms;
    width: 100%;
  }
  </style>
  <script>
    function changeBg()
      let navbar= document.getElementById("navbar");
      let scrollbar= window.scrollY;
      if (scrollbar < 80){</pre>
        navbar.classList.remove("bgcolor");
```

```
}
      else{
        navbar.classList.add("bgcolor")
    }window.addEventListener('scroll', changeBg);
  </script>
  <body ng-app="myApp">
    <div ng-include="'/Hospitalnavbar'"></div>
    <div ng-controller="myController">
    <center>
    <input type="text" style="text-align:left;border: 1px solid</pre>
black; height: 40px; width: 200px; background: transparent; color: white; font-
size:18px;" ng-model="inp_det" placeholder="Enter the Patient Name" />
    <span style="width: 100px;color:white">
           &n
bsp;          
                                                                                                                                                                                                                                                                                                                                                     
bsp;   
          <input type="text" style="text-align:left;border: 1px solid</pre>
black; height: 40px; width: 200px; background: transparent; color: white; font-
size:18px;" ng-model="inp_det1" placeholder="Enter the Doctor Name" />
           &n
bsp;          
                                                                                                                                                                                                                                                                                                                                                     
bsp;          
    </span>
    <a href="/onlineconsultancy_reply" target="_blank"><button</pre>
class="button button2">Accept/Deny</button></a>
    <div id="summa" style="height:100vh;width:100%;overflow:auto">
      <br><br><br>>
      #24243e);'>
          Id
          click="orderfn('name')">Name
          click="orderfn('phone')">Phone
```

```
click="orderfn('email')">Email
      Age
      click="orderfn('description')">Description
      click="orderfn('date')">Date
      click="orderfn('hospital')">Hospital Name
     filter: {hospital:inp det1} | orderBy: cate">
      {{detail.id}}
      {{detail.name}}
      {{detail.phone}}
      {{detail.email}}
      {{detail.age}}
      {{detail.problem}}
      {{detail.date}}
      {{detail.hospital}}
     <br><br><br>></pr>
  </div>
  </center>
  </div>
 </body>
 <script>
  var x = JSON.parse("<%= data %>".replaceAll("&#34;",'"'));
  var app = angular.module("myApp",[]);
  app.controller("myController",function($scope) {
   $scope.details = x;
   $scope.orderfn = function(x1) {
     $scope.cate = x1;
    }
  });
 </script>
</html>
```

#### onlineconsultancy\_reply.ejs

```
<!doctype html>
<html>
<head>
<title>Virtual Consultancy</title>
<style type="text/css">
* {
margin : 0;
padding : 0 ;
}
body {
background : linear-gradient(rgba(0, 0, 1, 0.7), rgba(1, 0, 0, 0.5)),
url('/img/4.jpg');
height: 100vh;
overflow: hidden;
background-position : center;
background-size : cover ;
font-family : sans-serif ;
margin-top : 40px;
}
.regform{
  width:800px;
  background-color: rgb(0,0,0,0.6);
  margin: auto;
  color: #ffffff;
  padding: 10px 0px 10px 0px;
  text-align: center;
  border-radius: 15px 15px 0px 0px;
}
.main{
  background-color: rgb(0,0,0,0.5);
 width:800px;
  margin: auto;
}
#student{
margin-left : 25px ;
color: white;
font-size : 18px ;
}
.radio{
display : inline-block;
padding-right : 70px ;
font-size : 25px ;
```

```
margin-left : 25px ;
margin-top : 15px ;
color : white ;
}
.radio input{
width : 20px;
height: 20px;
border-radius: 50%;
cursor: pointer;
outline: none;
}
form{
  padding: 10px;
}
#name{
 width: 100%;
  height: 100px;
}
.name {
margin-left : 25px ;
margin-top : 30px ;
width: 125px;
color : white ;
font-size : 18px ;
font-weight : 700 ;
}
.dob{
position : relative;
left: 200px ;
top: -37px;
line-height : 40px ;
width: 480px;
border-radius : 6px ;
padding : 0 22px;
font-size : 16px ;
color : #555 ;
}
```

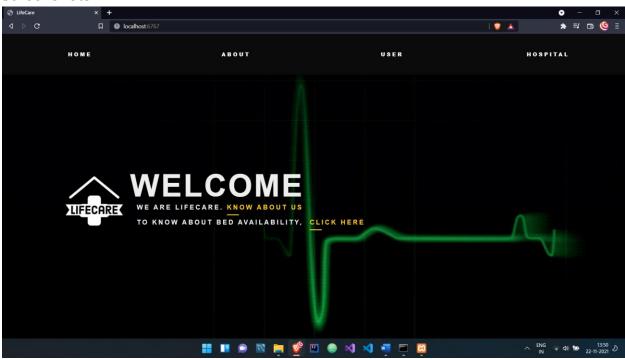
.applying{

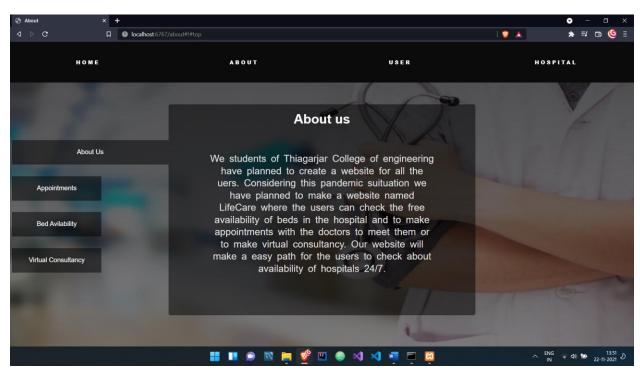
```
position : relative;
left: 200px ;
top: -37px;
line-height : 40px ;
width: 480px;
border-radius : 6px ;
padding : 0 22px;
font-size : 16px ;
color : #555 ;
}
button{
background-color : #2C907C ;
display : block;
margin: 20px 0px 0px 20px;
text-align : center ;
border-radius : 12px ;
border: 2px solid #2A524A;
padding : 14px 110px;
outline : none ;
color : white;
cursor : pointer ;
transition: 0.25px;
}
button:hover{
background-color : #5390F5 ;
}
</style>
</head>
<div class="regform"><h1>Virtual Consultancy Reply</h1></div>
<div class="main" style="height:550px;">
  <form name="schoolform" style="height:530px;border:1px solid #ccc"</pre>
action="/virtual_consultancy_change" method="POST">
  <h2 class="name"> Enter Id </h2>
  <input class ="dob" name="id" id="School_id" type="number">
  <h2 class ="name">Status</h2>
```

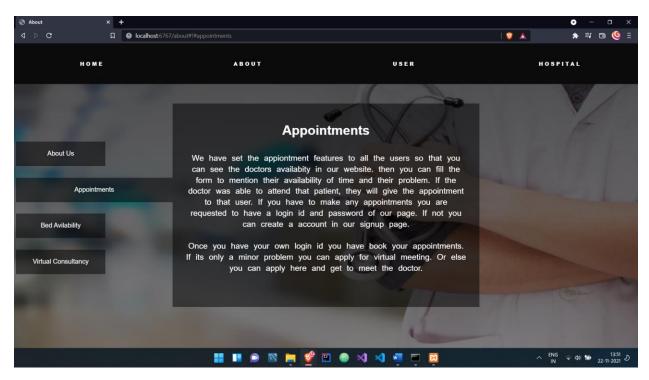
Reg.No: 19IT028

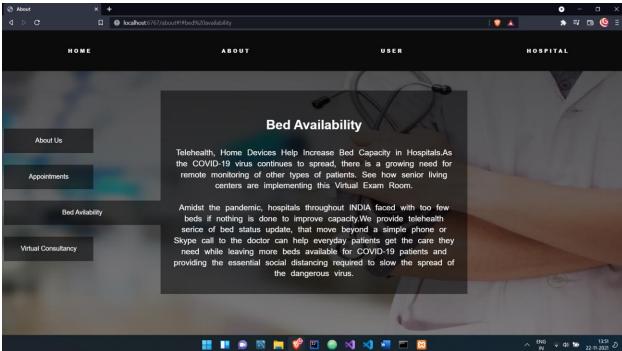
```
<label class="radio dob" style="color: white;font-size: 20px;">
       <input class="radio-one" type="radio" value="accept" name="check">
       <span class="checkmark"></span>
     Accept          
     bsp;
       <input class="radio-two" type="radio" value="deny" name="check">
       <span class="checkmark"></span>
       Deny
       </label>
       <h2 class ="name"> Date(if alterable) </h2>
       <input class ="applying" id="Standard" type="date" name="date"><br>
       <h2 class ="name"> Time(if alterable) </h2>
       <input class ="applying" id="Standard1" type="time" name="time">
       <center>
       <button type="submit">UPDATE</button></center>
      </form>
      </div>
     <body>
      </html>
close.ejs
     <html>
         <head>
             <title>
                 LifeCare
             </title>
         </head>
         <script>
             window.close();
         </script>
      </html>
```

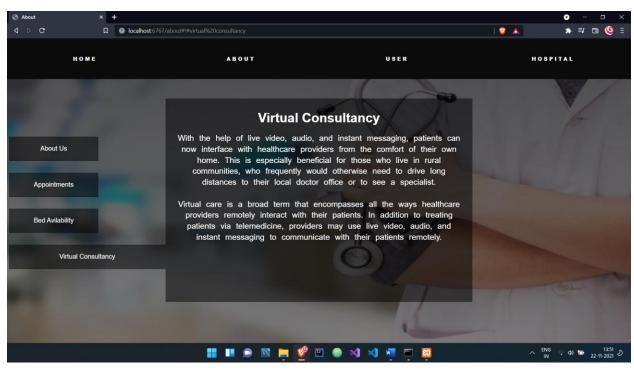
#### **Screenshots:**

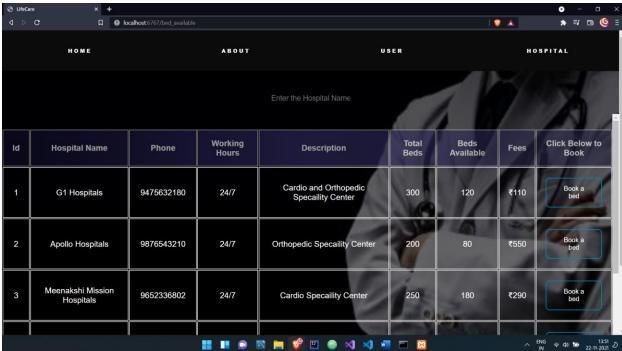


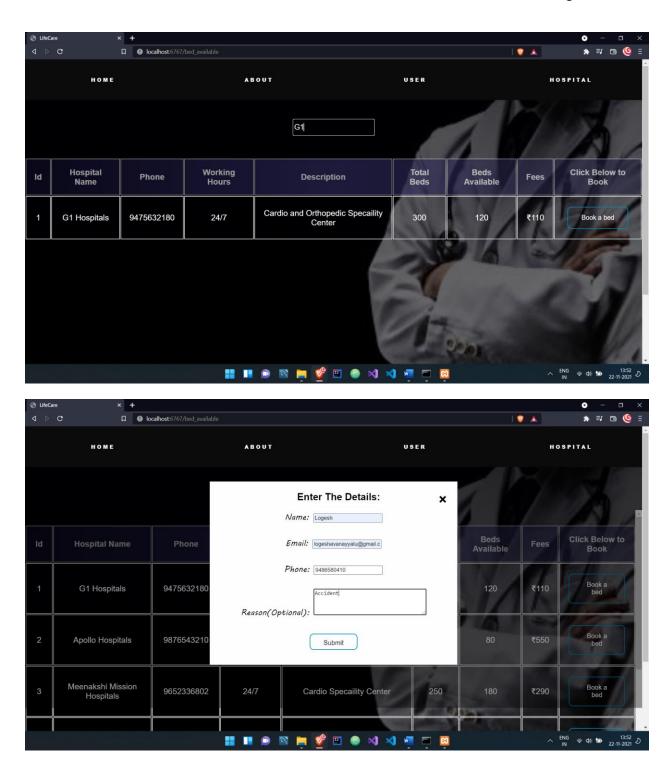


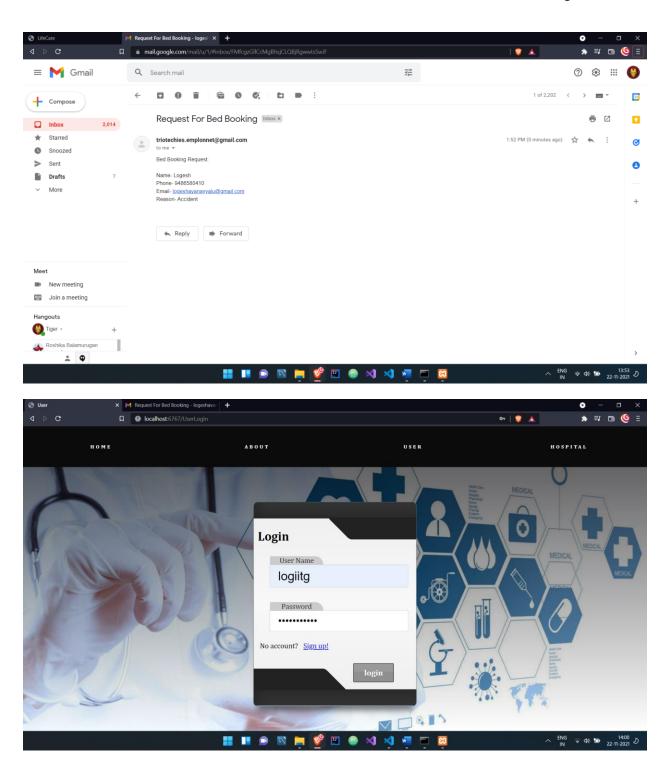


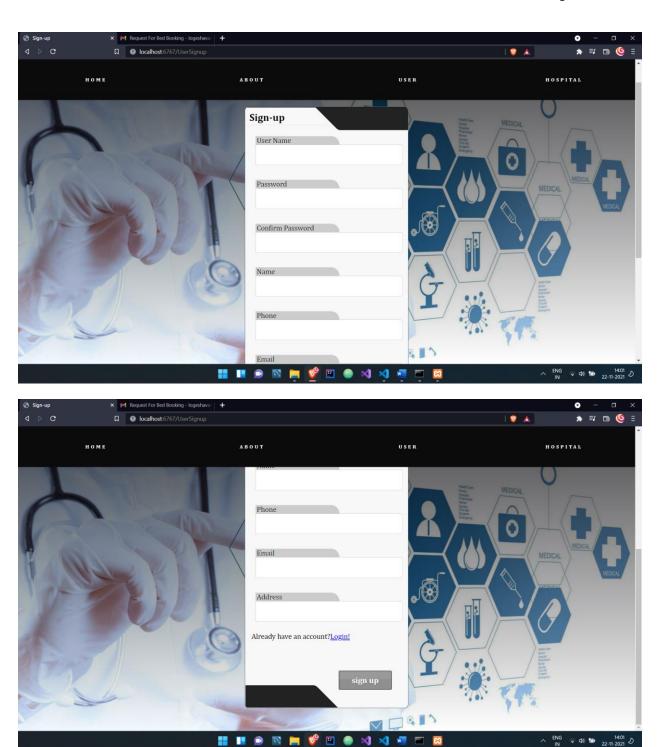


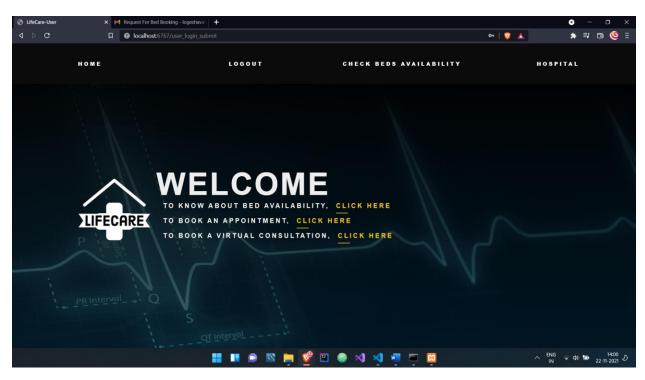


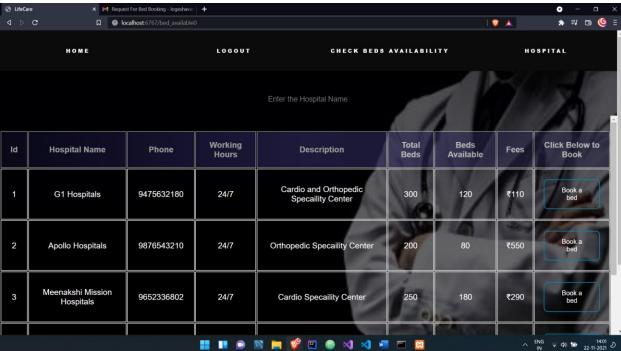


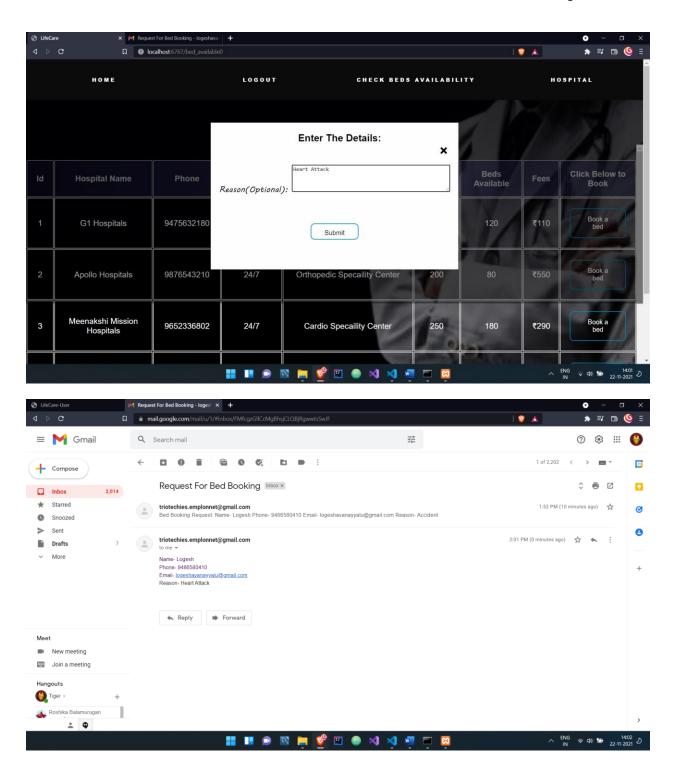


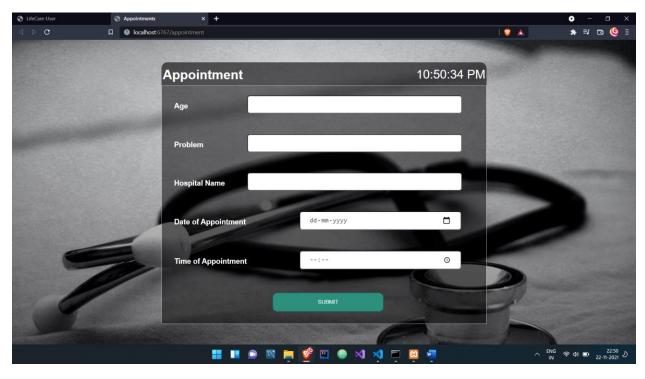


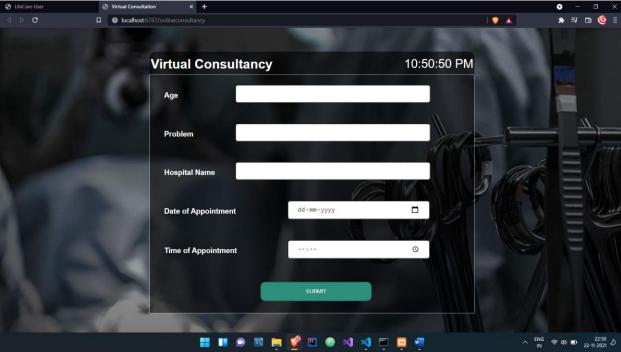


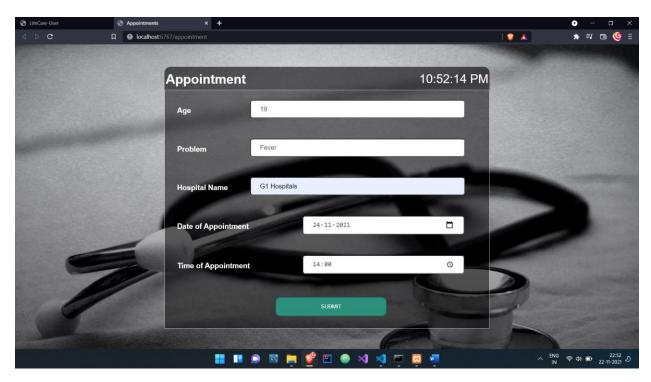


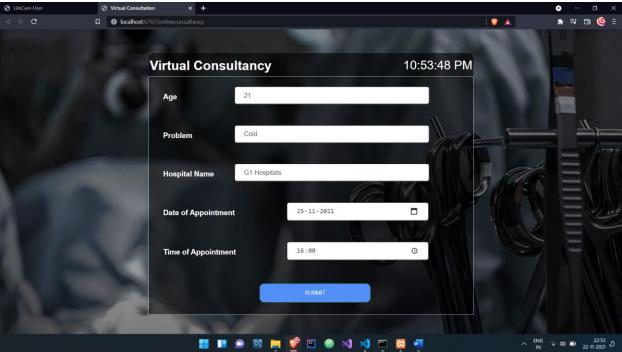


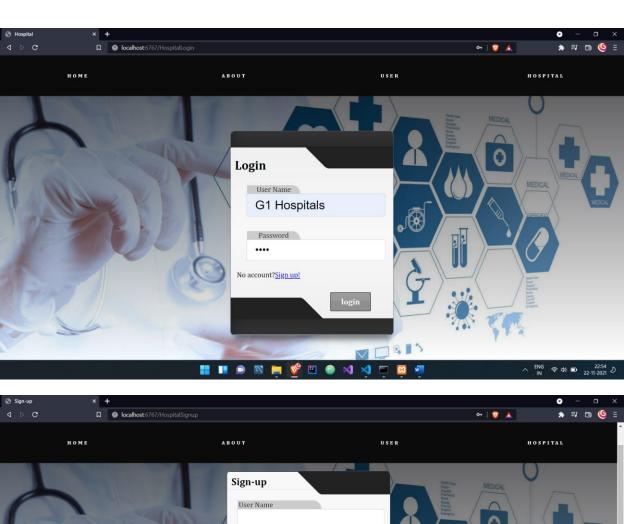


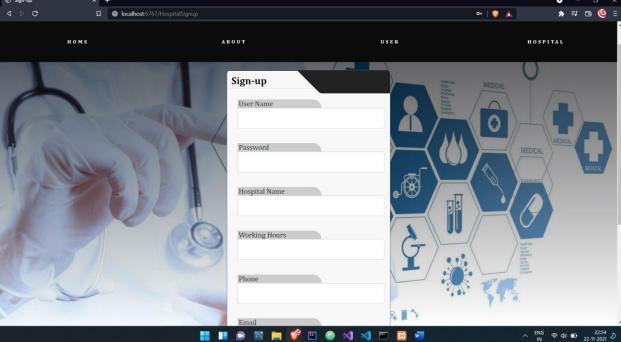


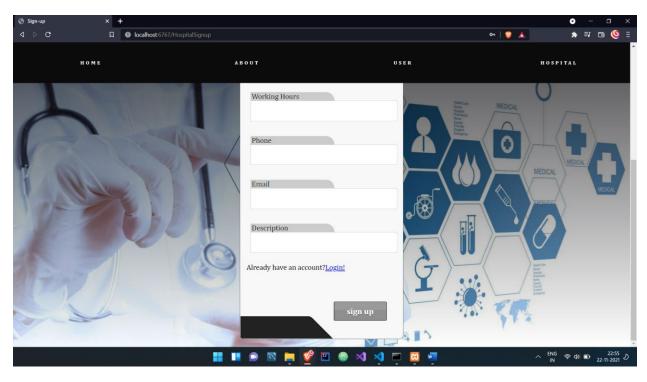




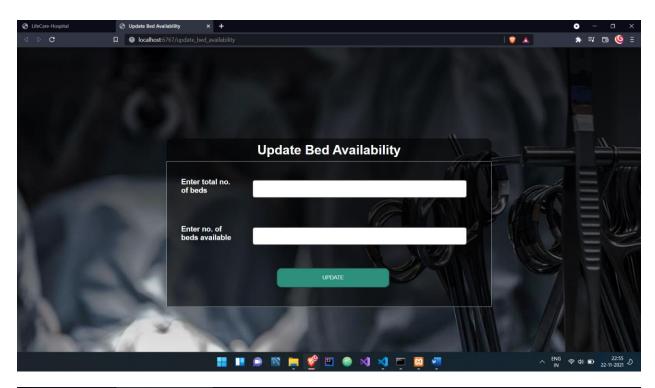


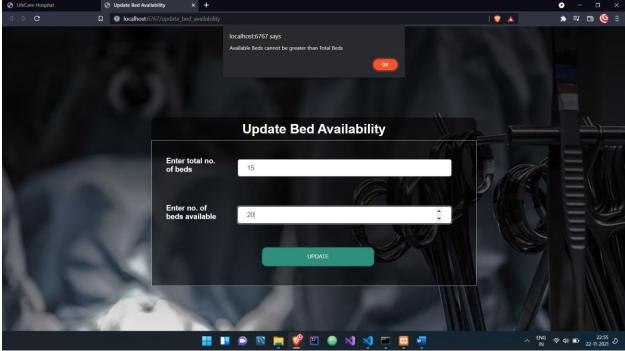


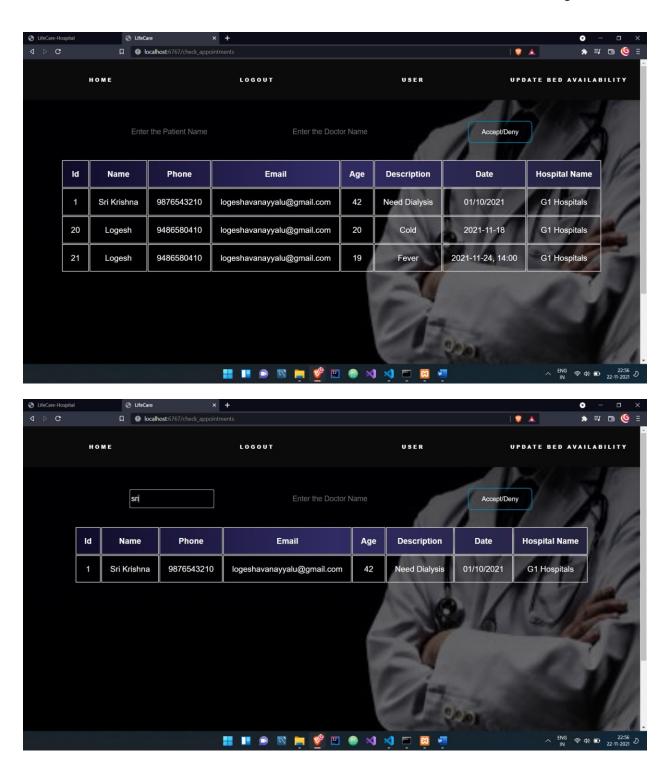


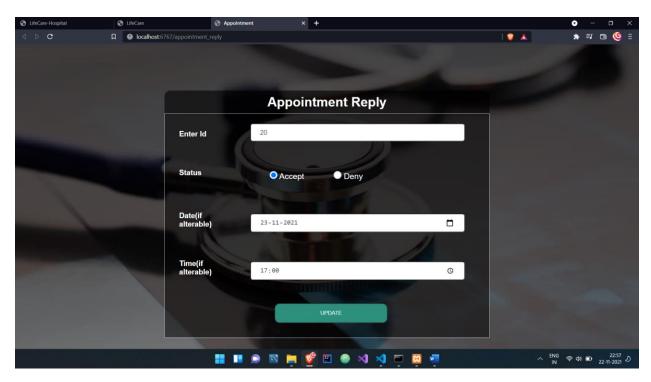


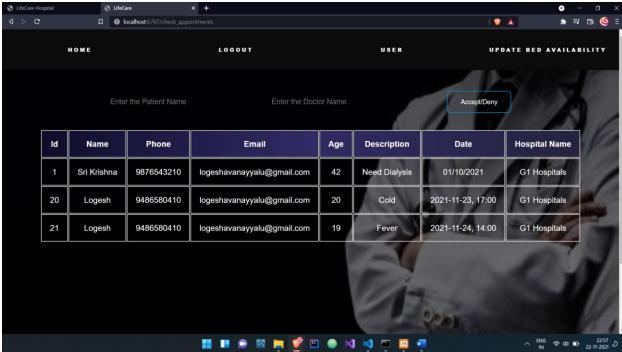


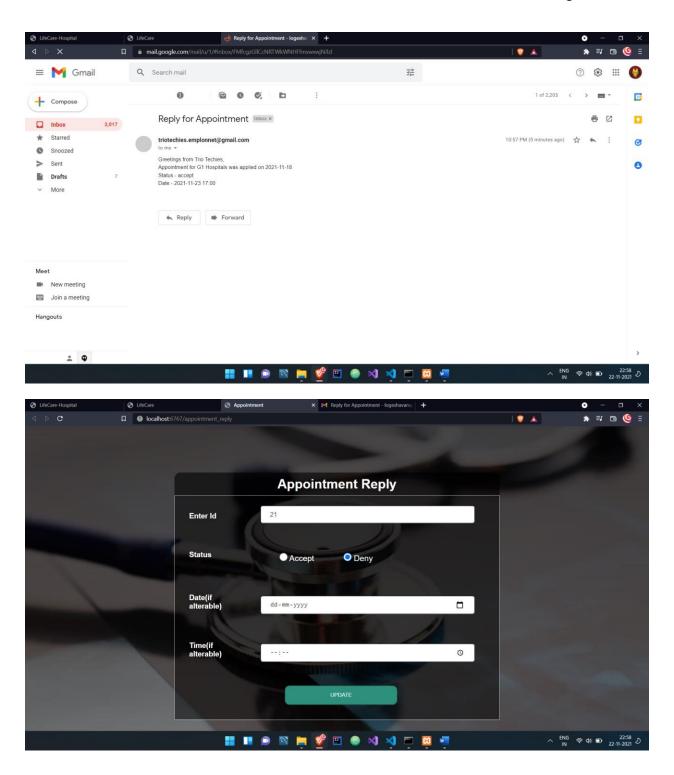


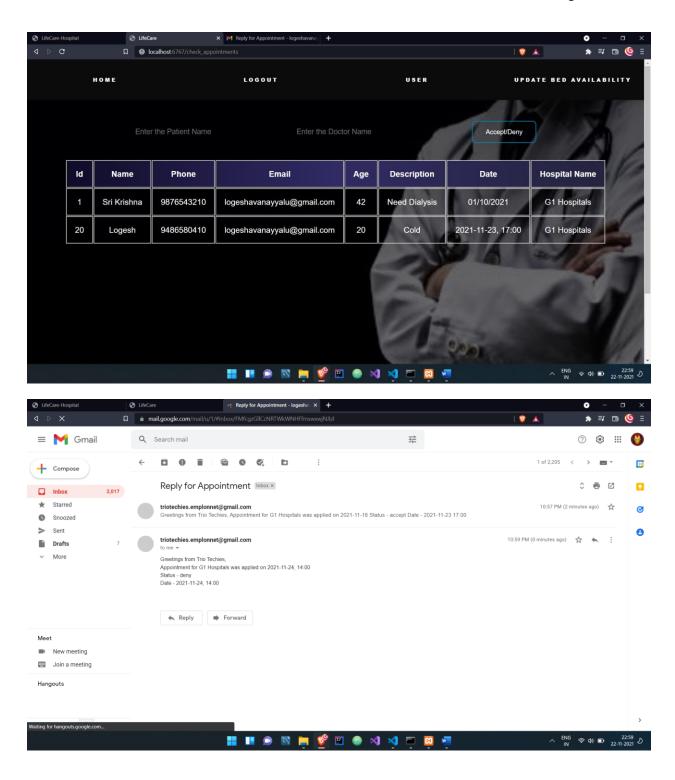


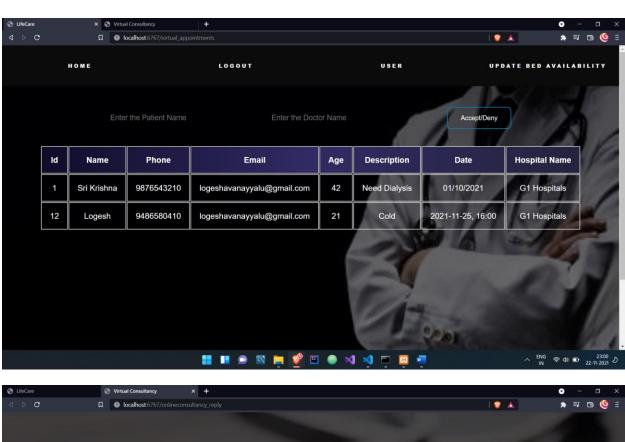


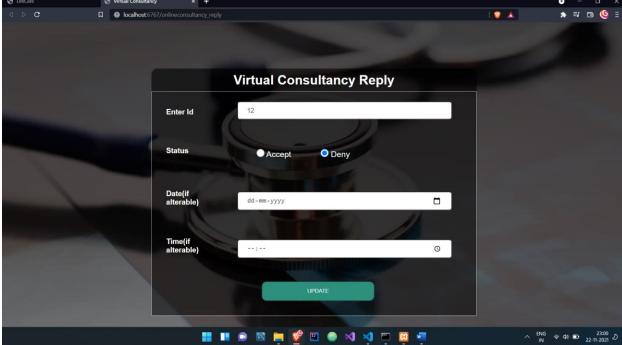


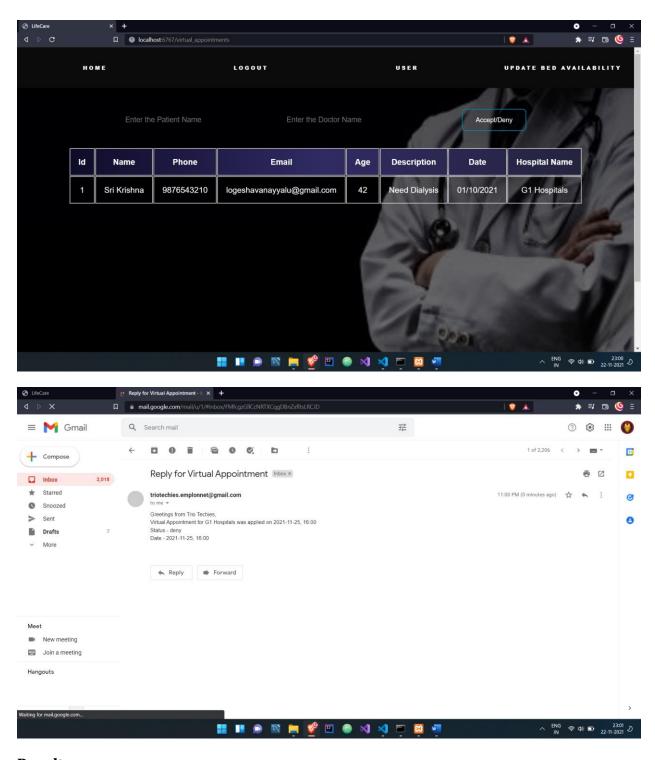












## **Result:**

Thus, development of hospital management system using angular js as front-end and node js as back end has been successfully implemented.