

# CODE FUNCTIONALITIES

**Home Page:** This is the interface where there are buttons like Home, About, Contact and Logins where they direct to the other pages and also there is description of the whole system on the interface.

## HTML AND JSP CODE FOR HOME PAGE

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Home</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></scrip
t>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></sc
ript>
  <style>

    .navbar {
      margin-bottom: 0;
      border-radius: 0;
    }

    footer {
      background-color: #f2f2f2;
      padding: 25px;
    }
    .center {
      display: block;
      margin-left: auto;
      margin-right: auto;
      width: 50%;
    }
  </style>
</head>
<body style="background-color: bodycolor;background-image: url(images/)">

<%@ include file = "home_menu.jsp" %>

<div class="jumbotron">
```

```

<div class="container text-center">
  <h2>Online Doctor Appointment System</h2>
  <h5><p>Online Doctor Appointment and Consultation System is a web
application used by doctors, users and pharmacies. Doctors can register in
this website and post their profile such as expertization, experience,
address, timings, fee details etc. This web site allows the users to book an
appointment for consultation online or offline for a doctor regarding their
health problems. Users after selection of a doctor in the web site the system
ask the consultation fee and the payment will be performed online which is
transferred to the doctors account. If the consultation is online then the
doctor after consultation sends medicine prescription to the user account in
the website and users can directly send same prescription of medicine to the
pharmacies who already registered in the website which are nearest to user and
pharmacies delivers medicines to the user door steps. This project Online
Doctor Appointment and Consultation System aims to develop an application
which simplifies the work and time of doctors, users and pharmacies.
</p></h5>

  </div>
</div>

<div class="container-fluid bg-3 text-center">
  <div class="row">
    <div class="col-sm-12">
      
    </div>

  </div>
</div>

</body>
</html>

```

## JSP CODE

```

<table>
<tr>
  <td></td>
  <td></td>
</tr>
</table>
<nav class="navbar navbar-inverse" style="background-color::background-
image:url(images/)">
  <div class="container-fluid">

```

```

<div class="navbar-header">
  <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
  </button>
  <a class="navbar-brand" href="#">Online Doctor Appointment System</a>
</div>
<div class="collapse navbar-collapse" id="myNavbar">
  <ul class="nav navbar-nav">

    <li><a href='home.jsp' class='active'>Home</a></li>
    <li><a href='about.jsp' >About</a></li>
    <li><a href='contact.jsp' >Contact</a></li>
    <li class="dropdown">
      <a class="dropdown-toggle" data-toggle="dropdown"
href="#">Logins<span class="caret"></span></a>
      <ul class="dropdown-menu">
        <li><a href='adminlogin.jsp' >Admin</a></li>
        <li><a href='doctor_login.jsp' >Doctor</a></li>
        <li><a href='patient_login.jsp' >Patient</a></li>
        <li><a href='pharmacy_login.jsp' >Pharmacy</a></li>
      </ul>
    </li>
  </ul>

</div>
</div>
</nav>

```

**ADMIN LOGIN PAGE:** In this page, admin will have to login with username and password, this is the way to sign in.

### JSP AND HTML CODE FOR ADMIN LOGIN PAGE

```

<!DOCTYPE html>
<html lang="en">
<head>
  <title>Home</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

```

```

    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></scrip
t>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js">5</s
cript>

</head>
<body style="background-color: bodycolor;background-image: url(images/)">

<%@ include file = "admin_home_menu.jsp" %>

<div class="jumbotron">
    <div class="container text-center">
        <h2>Admin Home Page</h2>
        <p><h5></h5></p>

    </div>
</div>

<div class="container-fluid bg-3 text-center">
    <div class="row">
        <div class="col-sm-12">
            
        </div>

    </div>
</div><br>
<br><br>

</body>
</html>

<table>
<tr>
    <td></td>
    <td></td>
</tr>
</table>
<nav class="navbar navbar-inverse" style="background-color:;background-
image:url(images/)">
    <div class="container-fluid">
        <div class="navbar-header">

```

```

        <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
    </button>
    <a class="navbar-brand" href="#">Online Doctor Appointment System</a>
</div>
<div class="collapse navbar-collapse" id="myNavbar">
    <ul class="nav navbar-nav">

        <li><a href="#" class='active'>Home</a></li>

        <li><a href='../home.jsp' >Logout</a></li>

    </ul>

</div>
</div>
</nav>

```

## JSP CODE

```

<table>
<tr>
    <td></td>
    <td></td>
</tr>
</table>
<nav class="navbar navbar-inverse" style="background-color:;background-
image:url(images/)">
    <div class="container-fluid">
        <div class="navbar-header">
            <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>
            <a class="navbar-brand" href="#">Online Doctor Appointment System</a>
        </div>
        <div class="collapse navbar-collapse" id="myNavbar">
            <ul class="nav navbar-nav">

```

```

        <li><a href='#' class='active'>Home</a></li>

        <li><a href='../home.jsp' >Logout</a></li>
    </ul>

</div>
</div>
</nav>

```

## JSP CODE FOR CONTACT PAGE

```

<html>
<head>
<title>Contact</title>
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></scrip
t>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></sc
ript>
<!------- Include the above in your HEAD tag ----->
<style>

.red{
    color:red;
}
.form-area
{
    background-color: #FAFAFA;
    padding: 10px 40px 60px;
    margin: 10px 0px 60px;
    border: 1px solid GREY;
}
</style>
<script>
$(document).ready(function(){
    $('#characterLeft').text('140 characters left');
    $('#message').keydown(function () {
        var max = 140;
        var len = $(this).val().length;
        if (len >= max) {
            $('#characterLeft').text('You have reached the limit');
            $('#characterLeft').addClass('red');
            $('#btnSubmit').addClass('disabled');
        }
        else {

```

```

        var ch = max - len;
        $('#characterLeft').text(ch + ' characters left');
        $('#btnSubmit').removeClass('disabled');
        $('#characterLeft').removeClass('red');
    }
});
});

</script>
</head>

<body style="background-color: bodycolor;background-image: url(images/)">

<%@ include file = "home_menu.jsp" %>
<div class="container">
<div class="col-md-5">
    <div class="form-area">
        <h3>Online Doctor Appointment System</h3>
        <form role="form">
            <br style="clear:both">
                <h4 style="margin-bottom: 25px; text-align:
center;">Contact Form</h4>
                <div class="form-group">
                    <input type="text" class="form-control" id="name"
name="name" placeholder="Name" required>
                </div>
                <div class="form-group">
                    <input type="text" class="form-control" id="email"
name="email" placeholder="Email" required>
                </div>
                <div class="form-group">
                    <input type="text" class="form-control" id="mobile"
name="mobile" placeholder="Mobile Number" required>
                </div>
                <div class="form-group">
                    <input type="text" class="form-control" id="subject"
name="subject" placeholder="Subject" required>
                </div>
                <div class="form-group">
                    <textarea class="form-control" type="textarea"
id="message" placeholder="Message" maxlength="140" rows="7"></textarea>
                    <span class="help-block"><p id="characterLeft"
class="help-block ">You have reached the limit</p></span>
                </div>

                <button type="button" id="submit" name="submit" class="btn btn-primary
pull-right">Submit Form</button>
            </form>

```

```

    </div>
</div>
</div>
</body>
</html>

```

**DOCTOR REGISTRATION PAGE:** This the page doctor have to fill a form about all his details like name, address, specialization, photo etc in order to register his profile in the system

### HTML AND JSP CODE FOR DOCTOR REGISTRATION PAGE

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link href="https://fonts.googleapis.com/css?family=Roboto:400,700"
rel="stylesheet">
<title>Registration Form</title>
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap-
theme.min.css">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></scri
pt>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></sc
ript>

</head>
<body style="background-color: #ffffff;background-image: url(images/)">

<%@ include file = "home_menu.jsp" %>
<div class="container" style="background-color: #ffffff;width:%">
    <form name='f1' method='post' action="doctor_registration_code.jsp"
enctype="multipart/form-data">
        <h3>Doctor Registration Form</h3>

<div class='row'>

```



```
<div class='col-md-5'>
  <label for='name'>Name</label>
  <input type='text' class='form-control' id='name' placeholder='Enter
name' name='name' required >
</div>

<div class='col-md-5'>
  <label for='hospitalname'>Hospital Name</label>
  <input type='text' class='form-control' id='hospitalname'
placeholder='Enter hospitalname' name='hospitalname' required >
</div>

<div class='col-md-5'>
  <label for='address'>Address</label>
  <input type='text' class='form-control' id='address'
placeholder='Enter address' name='address' required >
</div>

<div class='col-md-5'>
  <label for='state'>State</label>
  <input type='text' class='form-control' id='state' placeholder='Enter
state' name='state' required >
</div>

<div class='col-md-5'>
  <label for='city'>City</label>
  <input type='text' class='form-control' id='city' placeholder='Enter
city' name='city' required >
</div>

<div class='col-md-5'>
  <label for='qualification'>Qualification</label>
  <input type='text' class='form-control' id='qualification'
placeholder='Enter qualification' name='qualification' required >
</div>

<div class='col-md-5'>
  <label for='specialization'>Specialization</label>
  <input type='text' class='form-control' id='specialization'
placeholder='Enter specialization' name='specialization' required >
</div>

<div class='col-md-5'>
  <label for='experiance'>Experience</label>
  <input type='text' class='form-control' id='experiance'
placeholder='Enter experiance' name='experiance' required >
</div>
```

```
<div class='col-md-5'>
  <label for='mobile'>Mobile</label>
  <input type='text' class='form-control' id='mobile' placeholder='Enter
mobile' name='mobile' required >
</div>

<div class='col-md-5'>
  <label for='email'>E-Mail:</label>
  <input type='text' class='form-control' id='email' placeholder='Enter
email' name='email' required >
</div>

<div class='col-md-5'>
  <label for='doctorphoto'>Doctor Photo</label>
  <input type='file' class='form-control' id='doctorphoto'
placeholder='Enter doctorphoto' name='doctorphoto' required >
</div>

<div class='col-md-5'>
  <label for='certificatefile'>Certificate File</label>
  <input type='file' class='form-control' id='certificatefile'
placeholder='Enter certificatefile' name='certificatefile' required >
</div>

<div class='col-md-5'>
  <label for='consultfee'>Consult Fee</label>
  <input type='text' class='form-control' id='consultfee'
placeholder='Enter consultfee' name='consultfee' required >
</div>

<div class='col-md-5'>
  <label for='password'>Password</label>
  <input type='password' class='form-control' id='password'
placeholder='Enter password' name='password' required >
</div>

<div class='col-md-5'>
  <label for='cpassword'>Confirm-Password</label>
  <input type='password' class='form-control' id='cpassword'
placeholder='Enter Confirm-password' name='cpassword'
onfocusout='Validate()' required >
</div>

<div class='col-md-5'>
  <label for='accountnumber'>Account Number</label>
  <input type='text' class='form-control' id='accountnumber'
placeholder='Enter accountnumber' name='accountnumber' required >
</div>

<div class='col-md-5'>
  <label for='registerdate'>Register Date</label>
```

```

        <input type='date' class='form-control' id='registerdate'
placeholder='Enter registerdate' name='registerdate' required >
    </div>
    <div class='col-md-5'>
        <label for='opentime'>Open Time</label>
        <input type='text' class='form-control' id='opentime'
placeholder='Enter opentime' name='opentime' required >
    </div>
    <div class='col-md-5'>
        <label for='closetime'>Close Time</label>
        <input type='text' class='form-control' id='closetime'
placeholder='Enter closetime' name='closetime' required >
    </div>
</div>

    <br>
    <div class="row">
        <div class='col-sm-4'>&nbsp;</div>
        <div class='col-sm-2'>
            <button type="submit" class="btn btn-success btn-md btn-
block">Register</button>

            <h4><a href="doctor_login.jsp"><u>Sign in</u></a></h4>
        </div>
    </div>

</form>

</div>
</div>
</body>
</html>

```

## JSP CODE

```

<%@ page import="java.sql.*,java.io.*,java.util.*"%>
<%@ page import="org.apache.commons.fileupload.servlet.ServletFileUpload"%>
<%@ page import="org.apache.commons.fileupload.disk.DiskFileItemFactory"%>
<%@ page import="org.apache.commons.fileupload.FileItemFactory"%>
<%@ page import="org.apache.commons.fileupload.FileItem"%>
<%@ page import="org.apache.commons.fileupload.FileUpload"%>
<%@page import="online.database.DBConnection"%>

<%
    try {
        DBConnection db = new DBConnection();
        Connection conn = db.getConnection();

```

```

Statement stmt = conn.createStatement();

FileItemFactory factory = new DiskFileItemFactory();
ServletFileUpload upload = new ServletFileUpload(factory);
List items = null;

String path = application.getRealPath("/");

String str = path.substring(0, path.indexOf(".metadata") - 1);

String str1 = path.substring(path.lastIndexOf("\\", path.length() -
2));

path = str + str1 + "WebContent/";

File ProjectDir = new File(path + "/uploads");

if (!ProjectDir.exists()) {
    ProjectDir.mkdirs();
}

try {

    items = upload.parseRequest(request);
} catch (Exception e) {
    out.println("Error" + e.getMessage());
}

Iterator itr = items.iterator();

String uploadpath = path + "/uploads";
ArrayList<String> colnames = new ArrayList<String>();
ArrayList<String> colvalues = new ArrayList<String>();

while (itr.hasNext()) {

    FileItem item = (FileItem) itr.next();

    if (item.isFormField()) {

        if (!item.getFieldName().equals("cpassword")) {
            String name = item.getFieldName();
            String value = item.getString();
            colvalues.add(value);
        }

    } else {
        try {

```

```

        int r = getRandomNumber(100000, 9999999);

        String fileName = new File(item.getName()).getName();
        colvalues.add(r + fileName);

        String contentType =
getServletContext().getMimeType(fileName);

        item.write(new File(uploadpath + File.separator + (r +
fileName)));
    } catch (Exception ste) {
        out.println("Exception Uploading File : " + ste);
    }
}

String qry = "insert into doctors
(name,hospitalname,address,state,city,qualification,specialization,experiance,
mobile,email,doctorphoto,certificatefile,consultfee,password,accountnumber,reg
isterdate,opentime,closetime) values ("
        + "'" + colvalues.get(0) + "'," + "'" + colvalues.get(1) +
        "'," + "'" + colvalues.get(2) + "',"
        + "'" + colvalues.get(3) + "'," + "'" + colvalues.get(4) +
        "'," + "'" + colvalues.get(5) + "',"
        + "'" + colvalues.get(6) + "'," + "'" + colvalues.get(7) +
        "'," + "'" + colvalues.get(8) + "',"
        + "'" + colvalues.get(9) + "'," + "'" + colvalues.get(10) +
        "'," + "'" + colvalues.get(11)
        + "'," + "'" + colvalues.get(12) + "'," + "'" +
colvalues.get(13) + "'," + "'"
        + colvalues.get(14) + "'," + "'" + colvalues.get(15) + "'," +
        "'" + colvalues.get(16) + "',"
        + "'" + colvalues.get(17) + "')";

int n = stmt.executeUpdate(qry);
if (n > 0)
    out.println(
        "<script language='javascript'>window.alert('Registration
Success.');

```



```

        <div class='row'>
            <div class='col-md-12'>
                <label for='email'>E-Mail</label> <input
type='email'
                class='form-control' id='email'
placeholder='Enter email'
                name='email' required>
            </div>
        </div>
        <div class='row'></div>
        <div class='row'>
            <div class='col-md-12'>
                <label for='password'>Password</label> <input
type='password'
                class='form-control' id='password'
placeholder='Enter password'
                name='password' required>
            </div>
        </div>

        <br>
        <button type="submit" class="btn btn-default btn-
success">Submit</button>
        <br> <label class="checkbox pull-left"> <a
href="doctor_registration.jsp"
        class="text-center new-account">Create an account </a>
        </label>

        <%
            if (request.getParameter("msg") != null) {
                out.println("<br><h3>Invalid
Username/Password</h3>");
            }
        %>
    </div>
</div>

</form>
</body>
</html>

```

## JSP CODE

```

<%@ page import="java.sql.*,java.io.*"%>
<%@ page import="org.apache.commons.fileupload.servlet.ServletFileUpload"%>

```

```

<%@ page import="org.apache.commons.fileupload.disk.DiskFileItemFactory"%>
<%@ page import="org.apache.commons.fileupload.FileItemFactory"%>
<%@ page import="org.apache.commons.fileupload.FileItem"%>
<%@ page import="org.apache.commons.fileupload.FileUpload"%>
<%@page import="online.database.DBConnection"%>

<%

String email = "";
String username = "";
String password = "";
if (request.getParameter("email") != null)
    email = request.getParameter("email");
else
    email = "null";
if (request.getParameter("username") != null)
    username = request.getParameter("username");
else
    username = "null";
if (request.getParameter("password") != null)
    password = request.getParameter("password");
else
    password = "null";
String qry = "select * from doctors where email='" + email + "' and
password='" + password + "'";
try {

    DBConnection db = new DBConnection();
    Connection conn = db.getConnection();
    Statement stmt = conn.createStatement();
    ResultSet rs = stmt.executeQuery(qry);
    if (rs.next()) {

        session.setAttribute("email", email);
        session.setAttribute("username", username);
        session.setAttribute("password", password);
        response.sendRedirect("doctor/doctor_home.jsp");
    } else {
        response.sendRedirect("doctor_login.jsp?msg=Invalid
username/password");
    }

    stmt.close();
    conn.close();
} catch (Exception ee) {
    out.println("<h3>Error :" + ee.toString());
}
}

```



```
}  
%>
```

PATIENT REGISTRATION PAGE: Here in this page registration of patient is done like name, address, mobile, email and password is taken and then should be submitted.

### HTML AND JSP CODE FOR PATIENT REGISTRATION PAGE

```
<html lang="en">  
<head>  
  <title>Registration</title>  
  <meta charset="utf-8">  
  <meta name="viewport" content="width=device-width, initial-scale=1">  
  <link rel="stylesheet"  
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">  
  <script  
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></scrip  
t>  
  <script  
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></sc  
ript>  
  
<script type="text/javascript">  
  
function Validate() {  
  
    var password = document.getElementById("password").value;  
  
    var confirmPassword = document.getElementById("cpassword").value;  
  
    if (password != confirmPassword) {  
  
        alert("Passwords do not match.");  
  
        document.getElementById("cpassword").value="";  
  
        return false;  
  
    }  
  
    return true;  
  }  
</script>  
</head>
```

```

<body style="background-color: #ffffff;background-image: url(images/)">

<%@ include file = "home_menu.jsp" %>
<section class="testimonial py-5" id="testimonial">
    <div class="container" style="background-color: #ffffff;width:%">
        <div class="row ">
            <div class="col-md-4">

                <div class="card-body">
                    

                </div>
            </div>

            <div class="col-md-8 py-5 border">
                <h2 class="pb-4">Patient Registration</h2>
                <form name='f1' method='post'
action="patient_registration_code.jsp" enctype="">

<div class='row'>
    <div class='col-md-12'>
        <label for='name'>name:</label>
        <input type='text' class='form-control' id='name' placeholder='Enter
name' name='name' required >
    </div>
</div>
<div class='row'>
    <div class='col-md-12'>
        <label for='address'>address:</label>
        <input type='text' class='form-control' id='address'
placeholder='Enter address' name='address' required >
    </div>
</div>
<div class='row'>
    <div class='col-md-12'>
        <label for='mobile'>mobile:</label>
        <input type='number' class='form-control' id='mobile'
placeholder='Enter mobile' name='mobile' required >
    </div>
</div>
<div class='row'>
    <div class='col-md-12'>
        <label for='email'>email:</label>
        <input type='email' class='form-control' id='email' placeholder='Enter
email' name='email' required >
    </div>

```

```

</div>
<div class='row'>
    <div class='col-md-12'>
        <label for='password'>password:</label>
        <input type='password' class='form-control' id='password'
placeholder='Enter password' name='password' required >
    </div>
    <div class='col-md-12'>
        <label for='cpassword'>Confirm-password:</label>
        <input type='password' class='form-control' id='cpassword'
placeholder='Enter Confirm-password' name='cpassword'
onfocusout='Validate()'required >
    </div>
</div>
<br>

        <div class="form-row">
            <button type="submit" class="btn btn-
danger">Submit</button>
        </div>
    </form>
</div>
</div>
</div>
</section>

</body>
</html>

```

## JSP CODE

```

<%@ page import="java.sql.*,java.io.*"%>
<%@page import="online.database.DBConnection"%>
<%
    String name = "";
    String address = "";
    String mobile = "";
    String email = "";
    String password = "";
    if (request.getParameter("name") != null)
        name = request.getParameter("name");
    else
        name = "null";
    if (request.getParameter("address") != null)
        address = request.getParameter("address");
    else
        address = "null";
    if (request.getParameter("mobile") != null)

```

```

        mobile = request.getParameter("mobile");
    else
        mobile = "null";
    if (request.getParameter("email") != null)
        email = request.getParameter("email");
    else
        email = "null";
    if (request.getParameter("password") != null)
        password = request.getParameter("password");
    else
        password = "null";

    String qry = "insert into patients(name,address,mobile,email,password)
values('" + name + "','" + address
        + "','" + mobile + "','" + email + "','" + password + "')";

    try {

        DBConnection db = new DBConnection();
        Connection conn = db.getConnection();
        Statement stmt = conn.createStatement();
        stmt = conn.createStatement();
        int n = stmt.executeUpdate(qry);
        if (n == 0)
            out.println("<script
language='javascript'>window.alert('Registration Failed. Try
Again!');window.location='patient_registration.jsp';</script>");
        else
            out.println(
                "<script language='javascript'>window.alert('Registration
Success. ');window.location='patient_login.jsp';</script>");

        stmt.close();
        conn.close();
    } catch (Exception ee) {
        out.println("<h3>Error :" + ee.toString());
    }
%>

```

PATIENT LOGIN PAGE: Email ID and Password of patient are taken for logging into the page and then the services could be used by the patient.

### HTML AND JSP CODE FOR PATIENT LOGIN PAGE

```

<!DOCTYPE html>
<html lang="en">

```

```
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link href="https://fonts.googleapis.com/css?family=Roboto:400,700"
      rel="stylesheet">
<title>Login</title>
<link rel="stylesheet"
      href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.cs
s">
<link rel="stylesheet"
      href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap-
theme.min.css">
<script
      src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></
script>
<script
      src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js">
</script>
<style>
.form-signin {
  max-width: 330px;
  padding: 15px;
  margin: 0 auto;
}

.form-signin .form-signin-heading, .form-signin .checkbox {
  margin-bottom: 10px;
}

.form-signin .checkbox {
  font-weight: normal;
}

.form-signin .form-control {
  position: relative;
  font-size: 16px;
  height: auto;
  padding: 10px;
  -webkit-box-sizing: border-box;
  -moz-box-sizing: border-box;
  box-sizing: border-box;
}

.form-signin .form-control:focus {
  z-index: 2;
}
```

```

.form-signin input[type="text"] {
    margin-bottom: -1px;
    border-bottom-left-radius: 0;
    border-bottom-right-radius: 0;
}

.form-signin input[type="password"] {
    margin-bottom: 10px;
    border-top-left-radius: 0;
    border-top-right-radius: 0;
}

.login-title {
    color: #555;
    font-size: 18px;
    font-weight: 400;
    display: block;
}

.profile-img {
    width: 96px;
    height: 96px;
    margin: 0 auto 10px;
    display: block;
    -moz-border-radius: 50%;
    -webkit-border-radius: 50%;
    border-radius: 50%;
}

.need-help {
    margin-top: 10px;
}

.new-account {
    display: block;
    margin-top: 10px;
}
</style>
</head>
<body style="background-color: #ffffff; background-image: url(images/)">

    <%@ include file="home_menu.jsp"%>
    <div class="container" style="background-color: #ffffff; width: %">
        <br>
        <div class="row">
            <div class="col-sm-6 col-md-4 col-md-offset-4">
                <div>

```

```

        
        <form name='f1' method='post'
action="patient_login_code.jsp"
        enctype="">

            <div class='row'>
                <div class='col-md-12'>
                    <label for='email'>E-Mail</label> <input
type='email'
                    class='form-control' id='email'
placeholder='Enter email'
                    name='email' required>
                </div>
            </div>
            <div class='row'>
                <div class='col-md-12'>
                    <label for='password'>Password</label> <input
type='password'
                    class='form-control' id='password'
placeholder='Enter password'
                    name='password' required>
                </div>
            </div>
            <br>
            <button class="btn btn-lg btn-primary btn-block"
type="submit">
                Log in</button>
            <label class="checkbox pull-left"> <a
href="patient_registration.jsp"
                class="text-center new-account">Create an account
            </a>
            </label>

        </form>
    </div>

    </div>

    <center>
        <%
            if (request.getParameter("msg") != null) {
                out.println("<h3>Invalid Username/Password</h3>");
            }
        %>
    </center>

```

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

## JSP CODE

```
<%@ page import="java.sql.*,java.io.*"%>
<%@page import="online.database.DBConnection"%>

<%
    String email = "";
    String password = "";
    if (request.getParameter("email") != null)
        email = request.getParameter("email");
    else
        email = "null";
    if (request.getParameter("password") != null)
        password = request.getParameter("password");
    else
        password = "null";
    String qry = "select * from patients where email='" + email + "' and
password='" + password + "'";
    try {

        DBConnection db = new DBConnection();
        Connection conn = db.getConnection();
        Statement stmt = conn.createStatement();
        stmt = conn.createStatement();
        ResultSet rs = stmt.executeQuery(qry);
        if (rs.next()) {
            session.setAttribute("email", email);
            response.sendRedirect("patient/patient_home.jsp");
        } else {
            response.sendRedirect("patient_login.jsp?msg=Invalid
username/password");
        }

        stmt.close();
        conn.close();
    } catch (Exception ee) {
        out.println("<h3>Error :" + ee.toString());
    }
%>
```



[illegible]

```

<div class='col-md-12'>
    <input type='text'
    placeholder='Enter username'

    <label for='username'>Username</label>
    class='form-control' id='username'
    name='username' required>
</div>
</div>
<br>
<div class='row'>
    <div class='col-md-12'>
        <label for='password'>Password</label> <input
        type='password'
        placeholder='Enter password'
        class='form-control' id='password'
        name='password' required>
    </div>
</div>
<br>
<button type='submit' class='btn btn-default btn-
In</button>
<br>

```

```

<%@ page import="java.sql.*,java.io.*"%>
<%@ page import="java.util.ArrayList"%>
<%@ page import="online.database.DBConnection"%>
<%

```

```

    DBConnection db = new DBConnection();
    Connection conn = db.getConnection();

    String username = "";
    String password = "";
    if (request.getParameter("username") != null)
        username = request.getParameter("username");
    else
        username = "null";
    if (request.getParameter("password") != null)
        password = request.getParameter("password");
    else
        password = "null";

```

```

String qry = "select * from admin where username='" + username + "' and password='" +
password + "'";

```

```

try {

```

```

    Statement stmt = conn.createStatement();
    ResultSet rs = stmt.executeQuery(qry);
    if (rs.next()) {

```

```

<!DOCTYPE html>
<html lang="en">
<head>
<title>Login</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
      href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<script
      src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script
      src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
</head>
<body style="background-color: #ffffff; background-image: url(images/)">

  <%@ include file="home_menu.jsp"%>
  <div class="container" style="background-color: #ffffff; width: %">

```

```

<!DOCTYPE html>
<html lang="en">
<head>
<title>Login</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
      href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<script
      src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script
      src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
</head>
<body style="background-color: #ffffff; background-image: url(images/)">

  <%@ include file="home_menu.jsp"%>
  <div class="container" style="background-color: #ffffff; width: %">

```

```

<div class="row">
  <div class="col-sm-4">
    <br>
    <br> <img src='image/a.jfif' width='100%' height='100%'>
  </div>
  <div class="col-sm-4">
    <h3>Doctor Login</h3>

```

```

<div class='row'>
    <div class='col-md-12'>
        <label for='email'>E-Mail</label> <input
            class='form-control' id='email'
            name='email' required>
    </div>
</div>
<div class='row'></div>
<div class='row'>
    <div class='col-md-12'>
        <label for='password'>Password</label> <input
            class='form-control' id='password'
            name='password' required>
    </div>
</div>

<br>
<button type="submit" class="btn btn-default btn-

```

```

<%@ page import="java.sql.*,java.io.*"%>
<%@ page import="org.apache.commons.fileupload.servlet.ServletFileUpload"%>
<%@ page import="org.apache.commons.fileupload.disk.DiskFileItemFactory"%>
<%@ page import="org.apache.commons.fileupload.FileItemFactory"%>
<%@ page import="org.apache.commons.fileupload.FileItem"%>
<%@ page import="org.apache.commons.fileupload.FileUpload"%>
<%@ page import="online.database.DBConnection"%>

```

```

<%

```

```

    String email = "";
    String username = "";
    String password = "";
    if (request.getParameter("email") != null)
        email = request.getParameter("email");

```

```

        email = "null";
2    if (request.getParameter("username") != null)
        username = request.getParameter("username");
    else
        username = "null";
    if (request.getParameter("password") != null)
        password = request.getParameter("password");

3    DBConnection db = new DBConnection();
    Connection conn = db.getConnection();
    Statement stmt = conn.createStatement();
    ResultSet rs = stmt.executeQuery(qry);
    if (rs.next()) {

        session.setAttribute("email", email);
4        session.setAttribute("username", username);
        session.setAttribute("password", password);
        response.sendRedirect("doctor/doctor_home.jsp");
    }

```

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link href="https://fonts.googleapis.com/css?family=Roboto:400,700" rel="stylesheet">
<title>Registration Form</title>
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap-theme.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>

</head>
<body style="background-color: #ffffff;background-image: url(images/)">

```

```

<h3>Doctor Registration Form</h3>

```

```

<div class='row'>

```

```

  <div class='col-md-5'>

```

```

    <label for='name'>Name</label>

```

```

    <input type='text' class='form-control' id='name' placeholder='Enter name'
name='name' required >

```

```

  </div>

```

```

  <div class='col-md-5'>

```

```

    <label for='hospitalname'>Hospital Name</label>

```

```

    <input type='text' class='form-control' id='hospitalname' placeholder='Enter
hospitalname' name='hospitalname' required >

```

```

  </div>

```

```

  <div class='col-md-5'>

```

```

    <label for='address'>Address</label>

```

```

    <input type='text' class='form-control' id='address' placeholder='Enter address'
name='address' required >

```

```

  </div>

```

```

  <div class='col-md-5'>

```

```

    <label for='state'>State</label>

```

```

    <input type='text' class='form-control' id='state' placeholder='Enter state' name='state'

```

```

    </div>

    <div class='col-md-5'>
        <label for='city'>City</label>
        <input type='text' class='form-control' id='city' placeholder='Enter city' name='city'
required >
    </div>

    <div class='col-md-5'>
        <label for='qualification'>Qualification</label>
        <input type='text' class='form-control' id='qualification' placeholder='Enter qualification'
name='qualification' required >

    </div>

    <div class='col-md-5'>
        <label for='specialization'>Specialization</label>
        <input type='text' class='form-control' id='specialization' placeholder='Enter
specialization' name='specialization' required >
    </div>

    <div class='col-md-5'>
        <label for='experience'>Experience</label>
        <input type='text' class='form-control' id='experience' placeholder='Enter experience'
name='experience' required >
    </div>

    <div class='col-md-5'>
        <label for='mobile'>Mobile</label>
        <input type='text' class='form-control' id='mobile' placeholder='Enter mobile'
name='mobile' required >
    </div>

    <div class='col-md-5'>
        <label for='email'>E-Mail:</label>
        <input type='text' class='form-control' id='email' placeholder='Enter email' name='email'
required >
    </div>

    <div class='col-md-5'>
        <label for='doctorphoto'>Doctor Photo</label>
        <input type='file' class='form-control' id='doctorphoto' placeholder='Enter doctorphoto'
name='doctorphoto' required >

```



```
<div class='col-md-5'>
    <label for='certificatefile'>Certificate File</label>
    <input type='file' class='form-control' id='certificatefile' placeholder='Enter
certificatefile' name='certificatefile' required >
</div>

<div class='col-md-5'>
    <label for='consultfee'>Consult Fee</label>
    <input type='text' class='form-control' id='consultfee' placeholder='Enter consultfee'
name='consultfee' required >
</div>

<div class='col-md-5'>
    <label for='password'>Password</label>
    <input type='password' class='form-control' id='password' placeholder='Enter password'
name='password' required >
</div>

<div class='col-md-5'>
    <label for='cpassword'>Confirm-Password</label>
    <input type='password' class='form-control' id='cpassword' placeholder='Enter Confirm-
password' name='cpassword' onfocusout='Validate()' required >
</div>

<div class='col-md-5'>
    <label for='accountnumber'>Account Number</label>
    <input type='text' class='form-control' id='accountnumber' placeholder='Enter
accountnumber' name='accountnumber' required >
</div>

<div class='col-md-5'>
```



```
<label for='registerdate'>Register Date</label>
<input type='date' class='form-control' id='registerdate' placeholder='Enter registerdate'
name='registerdate' required >
</div>
<div class='col-md-5'>
<label for='opentime'>Open Time</label>
<input type='text' class='form-control' id='opentime' placeholder='Enter opentime'
name='opentime' required >
</div>
<div class='col-md-5'>
<label for='closetime'>Close Time</label>
<input type='text' class='form-control' id='closetime' placeholder='Enter closetime'
name='closetime' required >
</div>
</div>
```

```
<br>
<div class="row">
  <div class='col-sm-4'>&nbsp;</div>
  <div class='col-sm-2'>
<button type="submit" class="btn btn-success btn-md btn-block">Register</button>
  </div>
</div>

</form>

</div>
```

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

```

<%@ page import="java.sql.*,java.io.*,java.util.*"%>
<%@ page import="org.apache.commons.fileupload.servlet.ServletFileUpload"%>
<%@ page import="org.apache.commons.fileupload.disk.DiskFileItemFactory"%>
<%@ page import="org.apache.commons.fileupload.FileItemFactory"%>
<%@ page import="org.apache.commons.fileupload.FileItem"%>
<%@ page import="org.apache.commons.fileupload.FileUpload"%>
<%@ page import="online.database.DBConnection"%>

<%
    try {
        DBConnection db = new DBConnection();
        Connection conn = db.getConnection();
        Statement stmt = conn.createStatement();

        FileItemFactory factory = new DiskFileItemFactory();
        ServletFileUpload upload = new ServletFileUpload(factory);
        List items = null;

        DBConnection db = new DBConnection();
        Connection conn = db.getConnection();
        Statement stmt = conn.createStatement();

        stmt = conn.createStatement();
        int n = stmt.executeUpdate(qry);
        if (n == 0)
            out.println("<script language='javascript'>window.alert('Registration Failed. Try

String password = "";
if (request.getParameter("name") != null)
    name = request.getParameter("name");
else
    name = "null";
if (request.getParameter("address") != null)
    address = request.getParameter("address");
else
    address = "null";
if (request.getParameter("mobile") != null)
    mobile = request.getParameter("mobile");
else
    mobile = "null";
if (request.getParameter("email") != null)
    email = request.getParameter("email");
else
    email = "null";
if (request.getParameter("password") != null)
    password = request.getParameter("password");

```

```

<div class='row'>
  <div class='col-md-12'>
    <label for='mobile'>mobile:</label>
    <input type='number' class='form-control' id='mobile' placeholder='Enter mobile'
name='mobile' required >
  </div>
</div>
<div class='row'>
  <div class='col-md-12'>
    <label for='email'>email:</label>
    <input type='email' class='form-control' id='email' placeholder='Enter email'
name='email' required >
  </div>
</div>
<div class='row'>
  <div class='col-md-12'>
    <label for='password'>password:</label>
    <input type='password' class='form-control' id='password' placeholder='Enter password'
name='password' required >
  </div>
  <div class='col-md-12'>
    <label for='cpassword'>Confirm-password:</label>
  </div>
</div>
<div class='row'>
  <div class='col-md-12'>
    <label for='name'>name:</label>
    <input type='text' class='form-control' id='name' placeholder='Enter name'
name='name' required >
  </div>
</div>

```

---

```

</div>
<div class='row'>
  <div class='col-md-12'>
    <label for='address'>address:</label>
    <input type='text' class='form-control' id='address' placeholder='Enter address'
name='address' required >
  </div>
</div>

```

```

        return true;
    }
</script>
</head>
<body style="background-color: #ffffff;background-image: url(images/)">

<%@ include file = "home_menu.jsp" %>
<section class="testimonial py-5" id="testimonial">
    <div class="container" style="background-color: #ffffff;width:%">
        <div class="row ">
            <div class="col-md-4">

                <div class="card-body">
                    

                </div>

            </div>

            <div class="col-md-8 py-5 border">
                <h2 class="pb-4">Patient Registration</h2>
            </div>
        </div>
    </div>
</p>
</div>

<html lang="en">
<head>
    <title>Registration</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>

<script type="text/javascript">

function Validate() {

    var password = document.getElementById("password").value;

    var confirmPassword = document.getElementById("cpassword").value;

    if (password != confirmPassword) {

        alert("Passwords do not match.");
    }
}

```

```

3 stmt.close();

conn.close();

} catch (Exception ee) {

    String password = "";
    if (request.getParameter("email") != null)
        email = request.getParameter("email");
    else
        email = "null";
    if (request.getParameter("password") != null)
        password = request.getParameter("password");
    else
        password = "null";
    String qry = "select * from patients where email='" + email + "' and password='" + password +
    """;
    try {

```

```

1 DBConnection db = new DBConnection();
    Connection conn = db.getConnection();
    Statement stmt = conn.createStatement();
    stmt = conn.createStatement();
    ResultSet rs = stmt.executeQuery(qry);
    if (rs.next()) {
        session.setAttribute("email", email);
        response.sendRedirect("patient/patient_home.jsp");
    }
}

```

```

<div class="row">
    <div class="col-sm-6 col-md-4 col-md-offset-4">
        <div>
            
            <form name='f1' method='post'
action="patient_login_code.jsp"
                enctype="">
                <div class='row'>
                    <div class='col-md-12'>
                        <label for='email'>E-Mail</label> <input
type='email'
                            class='form-control' id='email'
placeholder='Enter email'
                                name='email' required>
                    </div>
                </div>
            </div>
            <div class='row'>
                <div class='col-md-12'>
                    <label
for='password'>Password</label> <input type='password'

```

and pharmacies.</p>

</div>

</div>

<div class="col-md-5">

<br><br>

<br><br>

</div>

</div>

</div>

</div>

</body>

</html>

<div class="about-section paddingTB60 gray-bg">

<div class="container">

<div class="row">

<div class="col-md-7 col-sm-6">

<div class="about-title clearfix">

.about-title h1 {color: #535353; font-size:45px;font-weight:600;}

.about-title span {color: #AF0808; font-size:45px;font-weight:700;}

.about-title h3 {color: #535353; font-size:23px;margin-bottom:24px;}

.about-title p {color: #7a7a7a;line-height: 1.8;margin: 0 0 15px;}

.about-paddingB {padding-bottom: 12px;}

```
<html>

<head>

<title>about</title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>

<style>
```

```

        <input type="text" class="form-control" id="email"
name="email" placeholder="Email" required>
    </div>
    <div class="form-group">
        <input type="text" class="form-control" id="mobile"
name="mobile" placeholder="Mobile Number" required>
    </div>
    <div class="form-group">
        <input type="text" class="form-control" id="subject"
name="subject" placeholder="Subject" required>
    </div>
    <div class="form-group">
        <textarea class="form-control" type="text" id="message" placeholder="Message"
maxlength="140" rows="7"></textarea>
        <span class="help-block"><p id="characterLeft" class="help-block">You have reached the
limit</p></span>
    </div>

    <button type="button" id="submit" name="submit" class="btn btn-primary pull-right">Submit
Form</button>
</form>
</div>
</div>
</div>
</body>
</html>
```



```

<div class="container">
<div class="col-md-5">
  <div class="form-area">
    <h3>Online Doctor Appointment System</h3>
    <form role="form">
      <br style="clear:both">
      <h4 style="margin-bottom: 25px; text-align: center;">Contact Form</h4>
        <div class="form-group">
          <input type="text" class="form-control" id="name"
name="name" placeholder="Name" required>
        </div>
        <div class="form-group">

```

```

    $('#btnSubmit').addClass('disabled');
  }
  else {
    var ch = max - len;
    $('#characterLeft').text(ch + ' characters left');
    $('#btnSubmit').removeClass('disabled');
    $('#characterLeft').removeClass('red');
  }
}

```



```

<html>

<head>

<title>Contact</title>
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>

<!-- Include the above in your HEAD tag ----->

<style>

.red{
    color:red;
}

.form-area
{
    background-color: #FAFAFA;
    padding: 10px 40px 60px;
    margin: 10px 0px 60px;
    border: 1px solid GREY;
}

</style>

<script>
$(document).ready(function(){
    $('#characterLeft').text('140 characters left');
    $('#message').keydown(function () {
        var max = 140;
        var len = $(this).val().length;
        if (len >= max) {
            $('#characterLeft').text('You have reached the limit');
            $('#characterLeft').addClass('red');
        }
    });
});

```