

Technologies Used

Frontend – Html , CSS, Bootstrap , JavaScript, Bootstrap

Backend – Servlet , JDBC

Database – MySQL

Server– Apache tomcat server

Tools – Eclipse Ide, MySQL workbench

Backend :

AddDoctor.java

```
package com.admin.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import com.dao.DoctorDao;
import com.db.DBConnect;
import com.entity.Doctor;

@WebServlet("/addDoctor")
public class AddDoctor extends HttpServlet {

    @Override
    protected void doPost(HttpServletRequest req,
        HttpServletResponse resp) throws ServletException, IOException {

        try {

            String fullName = req.getParameter("fullname");
            String dob = req.getParameter("dob");
            String qualification =
req.getParameter("qualification");

            String spec = req.getParameter("spec");

            String email = req.getParameter("email");
            String mobno = req.getParameter("mobno");
            String password = req.getParameter("password");

            Doctor d = new Doctor(fullName, dob,
qualification, spec, email, mobno, password);
```

```

        DoctorDao dao = new
DoctorDao(DBConnect.getConn());
        HttpSession session = req.getSession();

        if (dao.registerDoctor(d)) {
            session.setAttribute("succMsg", "Doctor
Added Sucessfully..");
            resp.sendRedirect("admin/doctor.jsp");
        } else {
            session.setAttribute("errorMsg",
"something wrong on server");
            resp.sendRedirect("admin/doctor.jsp");
        }

    } catch (Exception e) {
        e.printStackTrace();
    }

}
}

```

AddSpecialist.java

```

package com.admin.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import com.dao.SpecialistDao;
import com.db.DBConnect;
import com.entity.User;

@WebServlet("/addSpecialist")
public class AddSpecialist extends HttpServlet {

    @Override
    protected void doPost(HttpServletRequest req,
HttpServletResponse resp) throws ServletException, IOException {
        String specName = req.getParameter("specName");

        SpecialistDao dao = new
SpecialistDao(DBConnect.getConn());
        boolean f = dao.addSpecialist(specName);

        HttpSession session = req.getSession();

```

```

        if (f) {
            session.setAttribute("succMsg", "Specialist
Added");
            resp.sendRedirect("admin/index.jsp");
        } else {
            session.setAttribute("errorMsg", "something wrong
on server");
            resp.sendRedirect("admin/index.jsp");
        }
    }
}

```

AdminLogin.java

```

package com.admin.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import com.entity.User;

@WebServlet("/adminLogin")
public class AdminLogin extends HttpServlet {

    @Override
    protected void doPost(HttpServletRequest req,
HttpServletResponse resp) throws ServletException, IOException {
        try {

            String email = req.getParameter("email");
            String password = req.getParameter("password");

            HttpSession session = req.getSession();

            if ("admin@gmail.com".equals(email) &&
"admin".equals(password)) {
                session.setAttribute("adminObj", new
User());
                resp.sendRedirect("admin/index.jsp");
            } else {
                session.setAttribute("errorMsg", "invalid
email & password");
                resp.sendRedirect("admin_login.jsp");
            }
        }
    }
}

```

```

        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}

AdminLogout.java
package com.admin.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

@WebServlet("/adminLogout")
public class AdminLogout extends HttpServlet {

    @Override
    protected void doGet(HttpServletRequest req, HttpServletResponse
resp) throws ServletException, IOException {

        HttpSession session = req.getSession();
        session.removeAttribute("adminObj");
        session.setAttribute("succMsg", "Admin Logout
Sucessfully");
        resp.sendRedirect("admin_login.jsp");

    }

}

```

DeleteDoctor.java

```

package com.admin.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import com.dao.DoctorDao;
import com.db.DBConnect;

@WebServlet("/deleteDoctor")
public class DeleteDoctor extends HttpServlet {

```

```

        @Override
        protected void doGet(HttpServletRequest req, HttpServletResponse
resp) throws ServletException, IOException {

            int id = Integer.parseInt(req.getParameter("id"));

            DoctorDao dao = new DoctorDao(DBConnect.getConn());
            HttpSession session = req.getSession();

            if (dao.deleteDoctor(id)) {
                session.setAttribute("succMsg", "Doctor Delete
Sucessfully..");
                resp.sendRedirect("admin/view_doctor.jsp");
            } else {
                session.setAttribute("errorMsg", "something wrong
on server");
                resp.sendRedirect("admin/view_doctor.jsp");
            }

        }
    }
}

```

```

}

```

UpdateDoctor.java

```

package com.admin.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import com.dao.DoctorDao;
import com.db.DBConnect;
import com.entity.Doctor;

@WebServlet("/updateDoctor")
public class UpdateDoctor extends HttpServlet {

    @Override
    protected void doPost(HttpServletRequest req,
HttpServletResponse resp) throws ServletException, IOException {

        try {

            String fullName = req.getParameter("fullname");
            String dob = req.getParameter("dob");

```

```

        String qualification =
req.getParameter("qualification");
        String spec = req.getParameter("spec");
        String email = req.getParameter("email");
        String mobno = req.getParameter("mobno");
        String password = req.getParameter("password");

        int id =
Integer.parseInt(req.getParameter("id"));

        Doctor d = new Doctor(id,fullName, dob,
qualification, spec, email, mobno, password);

        DoctorDao dao = new
DoctorDao(DBConnect.getConn());
        HttpSession session = req.getSession();

        if (dao.updateDoctor(d)) {
            session.setAttribute("succMsg", "Doctor
Update Sucessfully..");

            resp.sendRedirect("admin/view_doctor.jsp");
        } else {
            session.setAttribute("errorMsg",
"something wrong on server");

            resp.sendRedirect("admin/view_doctor.jsp");
        }

        } catch (Exception e) {
            e.printStackTrace();
        }

    }
}

```

AppointmentDAO.java

```

package com.dao;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.util.ArrayList;
import java.util.List;

import com.entity.Appointment;

public class AppointmentDAO {

    private Connection conn;

```

```

public AppointmentDAO(Connection conn) {
    super();
    this.conn = conn;
}

public boolean addAppointment(Appointment ap) {
    boolean f = false;

    try {

        String sql = "insert into
appointment(user_id,fullname,gender,age,appoint_date,email,phno,disease
s,doctor_id,address,status) values(?,?,?,?,?,?,?,?,?,?,?)";
        PreparedStatement ps =
conn.prepareStatement(sql);
        ps.setInt(1, ap.getUserId());
        ps.setString(2, ap.getFullName());
        ps.setString(3, ap.getGender());
        ps.setString(4, ap.getAge());
        ps.setString(5, ap.getAppoinDate());
        ps.setString(6, ap.getEmail());
        ps.setString(7, ap.getPhNo());
        ps.setString(8, ap.getDiseases());
        ps.setInt(9, ap.getDoctorId());
        ps.setString(10, ap.getAddress());
        ps.setString(11, ap.getStatus());

        int i = ps.executeUpdate();
        if (i == 1) {
            f = true;
        }

    } catch (Exception e) {
        e.printStackTrace();
    }

    return f;
}

public List<Appointment> getAllAppointmentByLoginUser(int
userId) {
    List<Appointment> list = new ArrayList<Appointment>();
    Appointment ap = null;

    try {

        String sql = "select * from appointment where
user_id=?";
        PreparedStatement ps =
conn.prepareStatement(sql);
        ps.setInt(1, userId);
    }
}

```

```

        ResultSet rs = ps.executeQuery();
        while (rs.next()) {
            ap = new Appointment();
            ap.setId(rs.getInt(1));
            ap.setUserId(rs.getInt(2));
            ap.setFullName(rs.getString(3));
            ap.setGender(rs.getString(4));
            ap.setAge(rs.getString(5));
            ap.setAppoinDate(rs.getString(6));
            ap.setEmail(rs.getString(7));
            ap.setPhNo(rs.getString(8));
            ap.setDiseases(rs.getString(9));
            ap.setDoctorId(rs.getInt(10));
            ap.setAddress(rs.getString(11));
            ap.setStatus(rs.getString(12));
            list.add(ap);
        }

    } catch (Exception e) {
        e.printStackTrace();
    }

    return list;
}

public List<Appointment> getAllAppointmentByDoctorLogin(int
doctorId) {
    List<Appointment> list = new ArrayList<Appointment>();
    Appointment ap = null;

    try {

        String sql = "select * from appointment where
doctor_id=?";
        PreparedStatement ps =
conn.prepareStatement(sql);
        ps.setInt(1, doctorId);

        ResultSet rs = ps.executeQuery();
        while (rs.next()) {
            ap = new Appointment();
            ap.setId(rs.getInt(1));
            ap.setUserId(rs.getInt(2));
            ap.setFullName(rs.getString(3));
            ap.setGender(rs.getString(4));
            ap.setAge(rs.getString(5));
            ap.setAppoinDate(rs.getString(6));
            ap.setEmail(rs.getString(7));
            ap.setPhNo(rs.getString(8));
            ap.setDiseases(rs.getString(9));

```



```

        ap.setDoctorId(rs.getInt(10));
        ap.setAddress(rs.getString(11));
        ap.setStatus(rs.getString(12));
        list.add(ap);
    }

    } catch (Exception e) {
        e.printStackTrace();
    }

    return list;
}

public Appointment getAppointmentById(int id) {

    Appointment ap = null;

    try {

        String sql = "select * from appointment where
id=?";

        PreparedStatement ps =
conn.prepareStatement(sql);
        ps.setInt(1, id);

        ResultSet rs = ps.executeQuery();
        while (rs.next()) {
            ap = new Appointment();
            ap.setId(rs.getInt(1));
            ap.setUserId(rs.getInt(2));
            ap.setFullName(rs.getString(3));
            ap.setGender(rs.getString(4));
            ap.setAge(rs.getString(5));
            ap.setAppoinDate(rs.getString(6));
            ap.setEmail(rs.getString(7));
            ap.setPhNo(rs.getString(8));
            ap.setDiseases(rs.getString(9));
            ap.setDoctorId(rs.getInt(10));
            ap.setAddress(rs.getString(11));
            ap.setStatus(rs.getString(12));

        }

    } catch (Exception e) {
        e.printStackTrace();
    }

    return ap;
}

```

```

    public boolean updateCommentStatus(int id, int doctId, String
comm) {
        boolean f = false;
        try {
            String sql = "update appointment set status=?
where id=? and doctor_id=?";
            PreparedStatement ps =
conn.prepareStatement(sql);
            ps.setString(1, comm);
            ps.setInt(2, id);
            ps.setInt(3, doctId);

            int i = ps.executeUpdate();
            if (i == 1) {
                f = true;
            }

        } catch (Exception e) {
            e.printStackTrace();
        }

        return f;
    }

    public List<Appointment> getAllAppointment() {
        List<Appointment> list = new ArrayList<Appointment>();
        Appointment ap = null;

        try {

            String sql = "select * from appointment order by
id desc";
            PreparedStatement ps =
conn.prepareStatement(sql);

            ResultSet rs = ps.executeQuery();
            while (rs.next()) {
                ap = new Appointment();
                ap.setId(rs.getInt(1));
                ap.setUserId(rs.getInt(2));
                ap.setFullName(rs.getString(3));
                ap.setGender(rs.getString(4));
                ap.setAge(rs.getString(5));
                ap.setAppoinDate(rs.getString(6));
                ap.setEmail(rs.getString(7));
                ap.setPhNo(rs.getString(8));
                ap.setDiseases(rs.getString(9));
                ap.setDoctorId(rs.getInt(10));
                ap.setAddress(rs.getString(11));
                ap.setStatus(rs.getString(12));
                list.add(ap);
            }
        }
    }

```

```

        }

    } catch (Exception e) {
        e.printStackTrace();
    }

    return list;
}

```

```

}

```

DoctorDao.java

```

package com.dao;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.util.ArrayList;
import java.util.List;

import com.entity.Doctor;

public class DoctorDao {
    private Connection conn;

    public DoctorDao(Connection conn) {
        super();
        this.conn = conn;
    }

    public boolean registerDoctor(Doctor d) {
        boolean f = false;

        try {
            String sql = "insert into
doctor(full_name,dob,qualification,specialist,email,mobno,password)
values(?,?,?,?,?,?,?)";
            PreparedStatement ps =
conn.prepareStatement(sql);
            ps.setString(1, d.getFullName());
            ps.setString(2, d.getDob());
            ps.setString(3, d.getQualification());
            ps.setString(4, d.getSpecialist());
            ps.setString(5, d.getEmail());
            ps.setString(6, d.getMobNo());
            ps.setString(7, d.getPassword());

            int i = ps.executeUpdate();
            if (i == 1) {
                f = true;
            }
        } catch (Exception e) {

```

```

        e.printStackTrace();
    }

    return f;
}

public List<Doctor> getAllDoctor() {
    List<Doctor> list = new ArrayList<Doctor>();
    Doctor d = null;
    try {

        String sql = "select * from doctor order by id
desc";

        PreparedStatement ps =
conn.prepareStatement(sql);

        ResultSet rs = ps.executeQuery();
        while (rs.next()) {
            d = new Doctor();
            d.setId(rs.getInt(1));
            d.setFullName(rs.getString(2));
            d.setDob(rs.getString(3));
            d.setQualification(rs.getString(4));
            d.setSpecialist(rs.getString(5));
            d.setEmail(rs.getString(6));
            d.setMobNo(rs.getString(7));
            d.setPassword(rs.getString(8));
            list.add(d);
        }

    } catch (Exception e) {
        e.printStackTrace();
    }
    return list;
}

public Doctor getDoctorById(int id) {

    Doctor d = null;
    try {

        String sql = "select * from doctor where id=?";
        PreparedStatement ps =
conn.prepareStatement(sql);
        ps.setInt(1, id);
        ResultSet rs = ps.executeQuery();

        while (rs.next()) {
            d = new Doctor();
            d.setId(rs.getInt(1));
            d.setFullName(rs.getString(2));

```

```

        d.setDob(rs.getString(3));
        d.setQualification(rs.getString(4));
        d.setSpecialist(rs.getString(5));
        d.setEmail(rs.getString(6));
        d.setMobNo(rs.getString(7));
        d.setPassword(rs.getString(8));
    }

    } catch (Exception e) {
        e.printStackTrace();
    }
    return d;
}

public boolean updateDoctor(Doctor d) {
    boolean f = false;

    try {
        String sql = "update doctor set
full_name=?,dob=?,qualification=?,specialist=?,email=?,mobno=?,password
=? where id=?";
        PreparedStatement ps =
conn.prepareStatement(sql);
        ps.setString(1, d.getFullName());
        ps.setString(2, d.getDob());
        ps.setString(3, d.getQualification());
        ps.setString(4, d.getSpecialist());
        ps.setString(5, d.getEmail());
        ps.setString(6, d.getMobNo());
        ps.setString(7, d.getPassword());
        ps.setInt(8, d.getId());
        int i = ps.executeUpdate();

        if (i == 1) {
            f = true;
        }
    } catch (Exception e) {
        e.printStackTrace();
    }

    return f;
}

public boolean deleteDoctor(int id) {
    boolean f = false;
    try {
        String sql = "delete from doctor where id=?";
        PreparedStatement ps =
conn.prepareStatement(sql);
        ps.setInt(1, id);
    }

```

```

        int i = ps.executeUpdate();
        if (i == 1) {
            f = true;
        }

    } catch (Exception e) {
        e.printStackTrace();
    }

    return f;
}

public Doctor login(String email, String psw) {
    Doctor d = null;
    try {

        String sql = "select * from doctor where email=?
and password=?";
        PreparedStatement ps =
conn.prepareStatement(sql);
        ps.setString(1, email);
        ps.setString(2, psw);

        ResultSet rs = ps.executeQuery();
        while (rs.next()) {
            d = new Doctor();
            d = new Doctor();
            d.setId(rs.getInt(1));
            d.setFullName(rs.getString(2));
            d.setDob(rs.getString(3));
            d.setQualification(rs.getString(4));
            d.setSpecialist(rs.getString(5));
            d.setEmail(rs.getString(6));
            d.setMobNo(rs.getString(7));
            d.setPassword(rs.getString(8));
        }

    } catch (Exception e) {
        e.printStackTrace();
    }

    return d;
}

public int countDoctor() {
    int i = 0;
    try {
        String sql = "select * from doctor";
        PreparedStatement ps =
conn.prepareStatement(sql);

```

```

        ResultSet rs = ps.executeQuery();
        while (rs.next()) {
            i++;
        }

    } catch (Exception e) {
        e.printStackTrace();
    }

    return i;
}

public int countAppointment() {
    int i = 0;
    try {
        String sql = "select * from appointment";
        PreparedStatement ps =
conn.prepareStatement(sql);
        ResultSet rs = ps.executeQuery();
        while (rs.next()) {
            i++;
        }

    } catch (Exception e) {
        e.printStackTrace();
    }

    return i;
}

public int countAppointmentByDocotrId(int did) {
    int i = 0;
    try {
        String sql = "select * from appointment where
doctor_id=?";
        PreparedStatement ps =
conn.prepareStatement(sql);
        ps.setInt(1, did);
        ResultSet rs = ps.executeQuery();
        while (rs.next()) {
            i++;
        }

    } catch (Exception e) {
        e.printStackTrace();
    }

    return i;
}

public int countUSer() {

```

```

        int i = 0;
        try {
            String sql = "select * from user_dtls";
            PreparedStatement ps =
conn.prepareStatement(sql);
            ResultSet rs = ps.executeQuery();
            while (rs.next()) {
                i++;
            }

        } catch (Exception e) {
            e.printStackTrace();
        }

        return i;
    }

    public int countSpecialist() {
        int i = 0;
        try {
            String sql = "select * from specialist";
            PreparedStatement ps =
conn.prepareStatement(sql);
            ResultSet rs = ps.executeQuery();
            while (rs.next()) {
                i++;
            }

        } catch (Exception e) {
            e.printStackTrace();
        }

        return i;
    }

    public boolean checkOldPassword(int userid, String oldPassword)
    {
        boolean f = false;

        try {
            String sql = "select * from doctor where id=? and
password=?";
            PreparedStatement ps =
conn.prepareStatement(sql);
            ps.setInt(1, userid);
            ps.setString(2, oldPassword);

            ResultSet rs = ps.executeQuery();
            while (rs.next()) {
                f = true;
            }
        }
    }

```



```

    } catch (Exception e) {
        e.printStackTrace();
    }

    return f;
}

public boolean changePassword(int userid, String newPassword) {
    boolean f = false;

    try {
        String sql = "update doctor set password=? where
id=?";
        PreparedStatement ps =
conn.prepareStatement(sql);
        ps.setString(1, newPassword);
        ps.setInt(2, userid);

        int i = ps.executeUpdate();
        if (i == 1) {
            f = true;
        }

    } catch (Exception e) {
        e.printStackTrace();
    }

    return f;
}

public boolean editDoctorProfile(Doctor d) {
    boolean f = false;

    try {
        String sql = "update doctor set
full_name=?,dob=?,qualification=?,specialist=?,email=?,mobno=? where
id=?";
        PreparedStatement ps =
conn.prepareStatement(sql);
        ps.setString(1, d.getFullName());
        ps.setString(2, d.getDob());
        ps.setString(3, d.getQualification());
        ps.setString(4, d.getSpecialist());
        ps.setString(5, d.getEmail());
        ps.setString(6, d.getMobNo());
        ps.setInt(7, d.getId());
        int i = ps.executeUpdate();

        if (i == 1) {
            f = true;
        }
    }
}

```

```

    }
    } catch (Exception e) {
        e.printStackTrace();
    }

    return f;
}

```

```

}

```

SpecialistDao.java

```

package com.dao;

```

```

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.util.ArrayList;
import java.util.List;

```

```

import com.entity.Specialist;

```

```

public class SpecialistDao {

```

```

    private Connection conn;

```

```

    public SpecialistDao(Connection conn) {
        super();
        this.conn = conn;
    }

```

```

    public boolean addSpecialist(String spec) {
        boolean f = false;
        try {
            String sql = "insert into specialist(spec_name)
values(?)";

```

```

            PreparedStatement ps =
conn.prepareStatement(sql);
            ps.setString(1, spec);

            int i = ps.executeUpdate();
            if (i == 1) {
                f = true;
            }

```

```

        } catch (Exception e) {
            e.printStackTrace();
        }

```

```

        return f;
    }

```

```

}

```

```

    public List<Specialist> getAllSpecialist() {

```

```

        List<Specalist> list = new ArrayList<Specalist>();
        Specalist s = null;

        try {
            String sql = "select * from specialist";
            PreparedStatement ps =
conn.prepareStatement(sql);

            ResultSet rs = ps.executeQuery();

            while (rs.next()) {
                s = new Specalist();
                s.setId(rs.getInt(1));
                s.setSpecialistName(rs.getString(2));
                list.add(s);
            }

        } catch (Exception e) {
            e.printStackTrace();
        }

        return list;
    }
}

```

```

}

```

UserDao.java

```

package com.dao;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;

import com.entity.User;

public class UserDao {

    private Connection conn;

    public UserDao(Connection conn) {
        super();
        this.conn = conn;
    }

    public boolean register(User u) {
        boolean f = false;

        try {
            String sql = "insert into
user_dtls(full_name,email,password) values(?,?,?) ";

```

```

        PreparedStatement ps =
conn.prepareStatement(sql);
        ps.setString(1, u.getFullName());
        ps.setString(2, u.getEmail());
        ps.setString(3, u.getPassword());

        int i = ps.executeUpdate();

        if (i == 1) {
            f = true;
        }

    } catch (Exception e) {
        e.printStackTrace();
    }

    return f;
}

public User login(String em, String psw) {
    User u = null;

    try {
        String sql = "select * from user_dtls where
email=? and password=?";
        PreparedStatement ps =
conn.prepareStatement(sql);
        ps.setString(1, em);
        ps.setString(2, psw);

        ResultSet rs = ps.executeQuery();

        while (rs.next()) {
            u = new User();
            u.setId(rs.getInt(1));
            u.setFullName(rs.getString(2));
            u.setEmail(rs.getString(3));
            u.setPassword(rs.getString(4));
        }

    } catch (Exception e) {
        e.printStackTrace();
    }

    return u;
}

public boolean checkOldPassword(int userid, String oldPassword)
{
    boolean f = false;

```

```

        try {
            String sql = "select * from user_dtls where id=?
and password=?";
            PreparedStatement ps =
conn.prepareStatement(sql);
            ps.setInt(1, userid);
            ps.setString(2, oldPassword);

            ResultSet rs = ps.executeQuery();
            while (rs.next()) {
                f = true;
            }

        } catch (Exception e) {
            e.printStackTrace();
        }

        return f;
    }

    public boolean changePassword(int userid, String newPassword) {
        boolean f = false;

        try {
            String sql = "update user_dtls set password=?
where id=?";
            PreparedStatement ps =
conn.prepareStatement(sql);
            ps.setString(1, newPassword);
            ps.setInt(2, userid);

            int i = ps.executeUpdate();
            if (i == 1) {
                f = true;
            }

        } catch (Exception e) {
            e.printStackTrace();
        }

        return f;
    }
}

```

DBConnect.java

```

package com.db;

import java.sql.Connection;
import java.sql.DriverManager;

public class DBConnect {

```

```

        private static Connection conn;

        public static Connection getConn() {
            try {
                Class.forName("com.mysql.cj.jdbc.Driver");
                conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/hospital_2",
"root", "password");

            } catch (Exception e) {
                e.printStackTrace();
            }

            return conn;
        }
    }
}

```

DocotrPasswordChange.java

```

package com.doctor.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import com.dao.DoctorDao;
import com.db.DBConnect;

@WebServlet("/doctChangePassword")
public class DocotrPasswordChange extends HttpServlet {
    @Override
    protected void doPost(HttpServletRequest req,
HttpServletResponse resp) throws ServletException, IOException {

        int uid = Integer.parseInt(req.getParameter("uid"));
        String oldPassword = req.getParameter("oldPassword");
        String newPassword = req.getParameter("newPassword");

        DoctorDao dao = new DoctorDao(DBConnect.getConn());
        HttpSession session = req.getSession();

        if (dao.checkOldPassword(uid, oldPassword)) {

            if (dao.changePassword(uid, newPassword)) {
                session.setAttribute("succMsg", "Password
Change Sucessfully");
            }
        }
    }
}

```

```

        resp.sendRedirect("doctor/edit_profile.jsp");
    } else {
        session.setAttribute("errorMsg",
"Something wrong on server");
        resp.sendRedirect("doctor/edit_profile.jsp");
    }
    } else {
        session.setAttribute("errorMsg", "Old Password
Incorrect");
        resp.sendRedirect("doctor/edit_profile.jsp");
    }
}
}

```

DoctorLogin.java

```

package com.doctor.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import com.dao.DoctorDao;
import com.db.DBConnect;
import com.entity.Doctor;

@WebServlet("/doctorLogin")
public class DoctorLogin extends HttpServlet {

    @Override
    protected void doPost(HttpServletRequest req,
HttpServletResponse resp) throws ServletException, IOException {

        String email = req.getParameter("email");
        String password = req.getParameter("password");

        HttpSession session = req.getSession();

        DoctorDao dao = new DoctorDao(DBConnect.getConn());
        Doctor doctor = dao.login(email, password);

        if (doctor != null) {
            session.setAttribute("doctObj", doctor);

```

```

        resp.sendRedirect("doctor/index.jsp");
    } else {
        session.setAttribute("errorMsg", "invalid email &
password");
        resp.sendRedirect("doctor_login.jsp");
    }
}
}

```

```

}

```

DoctorLogout.java

```

package com.doctor.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

@WebServlet("/doctorLogout")
public class DoctorLogout extends HttpServlet{

    @Override
    protected void doGet(HttpServletRequest req, HttpServletResponse
resp) throws ServletException, IOException {

        HttpSession session = req.getSession();
        session.removeAttribute("doctObj");
        session.setAttribute("succMsg", "Doctor Logout
Sucessfully");
        resp.sendRedirect("doctor_login.jsp");

    }

}
}

```

```

}

```

EditProfile.java

```

package com.doctor.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

```



```

import com.dao.DoctorDao;
import com.db.DBConnect;
import com.entity.Doctor;

@WebServlet("/doctorUpdateProfile")
public class EditProfile extends HttpServlet {

    @Override
    protected void doPost(HttpServletRequest req,
        HttpServletResponse resp) throws ServletException, IOException {

        try {

            String fullName = req.getParameter("fullname");
            String dob = req.getParameter("dob");
            String qualification =
req.getParameter("qualification");
            String spec = req.getParameter("spec");
            String email = req.getParameter("email");
            String mobno = req.getParameter("mobno");

            int id =
Integer.parseInt(req.getParameter("id"));

            Doctor d = new Doctor(id, fullName, dob,
qualification, spec, email, mobno, "");

            DoctorDao dao = new
DoctorDao(DBConnect.getConn());
            HttpSession session = req.getSession();

            if (dao.editDoctorProfile(d)) {
                Doctor updateDoctor =
dao.getDoctorById(id);
                session.setAttribute("succMsgd", "Doctor
Update Sucessfully..");
                session.setAttribute("doctObj",
updateDoctor);
                resp.sendRedirect("doctor/edit_profile.jsp");
            } else {
                session.setAttribute("errorMsgd",
"something wrong on server");
                resp.sendRedirect("doctor/edit_profile.jsp");
            }

        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}

```

```
}
```

```
}
```

UpdateStatus.java

```
package com.doctor.servlet;
```

```
import java.io.IOException;
```

```
import javax.servlet.ServletException;
```

```
import javax.servlet.annotation.WebServlet;
```

```
import javax.servlet.http.HttpServlet;
```

```
import javax.servlet.http.HttpServletRequest;
```

```
import javax.servlet.http.HttpServletResponse;
```

```
import javax.servlet.http.HttpSession;
```

```
import com.dao.AppointmentDAO;
```

```
import com.db.DBConnect;
```

```
@WebServlet("/updateStatus")
```

```
public class UpdateStatus extends HttpServlet {
```

```
    @Override
```

```
    protected void doPost(HttpServletRequest req,  
        HttpServletResponse resp) throws ServletException, IOException {
```

```
        try {
```

```
            int id =
```

```
Integer.parseInt(req.getParameter("id"));
```

```
            int did =
```

```
Integer.parseInt(req.getParameter("did"));
```

```
            String comm = req.getParameter("comm");
```

```
            AppointmentDAO dao = new
```

```
AppointmentDAO(DBConnect.getConn());
```

```
            HttpSession session = req.getSession();
```

```
            if (dao.updateCommentStatus(id, did, comm)) {
```

```
                session.setAttribute("succMsg", "Comment  
Updated");
```

```
                resp.sendRedirect("doctor/patient.jsp");
```

```
            } else {
```

```
                session.setAttribute("errorMsg",  
"Something wrong on server");
```

```
                resp.sendRedirect("doctor/patient.jsp");
```

```
            }
```

```
        } catch (Exception e) {
```

```
            e.printStackTrace();
```

```
        }
```

```
}
```

```
}
```

Appointment.java

```
package com.entity;
```

```
public class Appointment {
    private int id;
    private int userId;
    private String fullName;
    private String gender;
    private String age;
    private String appoinDate;
    private String email;
    private String phNo;
    private String diseases;
    private int doctorId;
    private String address;
    private String status;

    public Appointment() {
        super();
        // TODO Auto-generated constructor stub
    }

    public Appointment(int userId, String fullName, String gender,
String age, String appoinDate, String email,
        String phNo, String diseases, int doctorId,
String address, String status) {
        super();
        this.userId = userId;
        this.fullName = fullName;
        this.gender = gender;
        this.age = age;
        this.appoinDate = appoinDate;
        this.email = email;
        this.phNo = phNo;
        this.diseases = diseases;
        this.doctorId = doctorId;
        this.address = address;
        this.status = status;
    }

    public int getId() {
        return id;
    }

    public void setId(int id) {
        this.id = id;
    }
}
```

```
public int getUserId() {  
    return userId;  
}  
  
public void setUserId(int userId) {  
    this.userId = userId;  
}  
  
public String getFullName() {  
    return fullName;  
}  
  
public void setFullName(String fullName) {  
    this.fullName = fullName;  
}  
  
public String getGender() {  
    return gender;  
}  
  
public void setGender(String gender) {  
    this.gender = gender;  
}  
  
public String getAge() {  
    return age;  
}  
  
public void setAge(String age) {  
    this.age = age;  
}  
  
public String getAppoinDate() {  
    return appoinDate;  
}  
  
public void setAppoinDate(String appoinDate) {  
    this.appoinDate = appoinDate;  
}  
  
public String getEmail() {  
    return email;  
}  
  
public void setEmail(String email) {  
    this.email = email;  
}  
  
public String getPhNo() {  
    return phNo;  
}
```

```

    }

    public void setPhNo(String phNo) {
        this.phNo = phNo;
    }

    public String getDiseases() {
        return diseases;
    }

    public void setDiseases(String diseases) {
        this.diseases = diseases;
    }

    public int getDoctorId() {
        return doctorId;
    }

    public void setDoctorId(int doctorId) {
        this.doctorId = doctorId;
    }

    public String getAddress() {
        return address;
    }

    public void setAddress(String address) {
        this.address = address;
    }

    public String getStatus() {
        return status;
    }

    public void setStatus(String status) {
        this.status = status;
    }
}

```

Doctor.java

```
package com.entity;
```

```

public class Doctor {

    private int id;
    private String fullName;
    private String dob;
    private String qualification;
    private String specialist;
    private String email;
    private String mobNo;
}

```

```
private String password;

public Doctor() {
    super();
    // TODO Auto-generated constructor stub
}

public Doctor(String fullName, String dob, String qualification,
String specialist, String email, String mobNo,
    String password) {
    super();
    this.fullName = fullName;
    this.dob = dob;
    this.qualification = qualification;
    this.specialist = specialist;
    this.email = email;
    this.mobNo = mobNo;
    this.password = password;
}

public Doctor(int id, String fullName, String dob, String
qualification, String specialist, String email,
    String mobNo, String password) {
    super();
    this.id = id;
    this.fullName = fullName;
    this.dob = dob;
    this.qualification = qualification;
    this.specialist = specialist;
    this.email = email;
    this.mobNo = mobNo;
    this.password = password;
}

public int getId() {
    return id;
}

public void setId(int id) {
    this.id = id;
}

public String getFullName() {
    return fullName;
}

public void setFullName(String fullName) {
    this.fullName = fullName;
}

public String getDob() {
```

```

        return dob;
    }

    public void setDob(String dob) {
        this.dob = dob;
    }

    public String getQualification() {
        return qualification;
    }

    public void setQualification(String qualification) {
        this.qualification = qualification;
    }

    public String getSpecialist() {
        return specialist;
    }

    public void setSpecialist(String specialist) {
        this.specialist = specialist;
    }

    public String getEmail() {
        return email;
    }

    public void setEmail(String email) {
        this.email = email;
    }

    public String getMobNo() {
        return mobNo;
    }

    public void setMobNo(String mobNo) {
        this.mobNo = mobNo;
    }

    public String getPassword() {
        return password;
    }

    public void setPassword(String password) {
        this.password = password;
    }
}

```

Specalist.java

package com.entity;

```

public class Specalist {
    private int id;
    private String specialistName;

    public Specalist() {
        super();
        // TODO Auto-generated constructor stub
    }

    public Specalist(int id, String specialistName) {
        super();
        this.id = id;
        this.specialistName = specialistName;
    }

    public int getId() {
        return id;
    }

    public void setId(int id) {
        this.id = id;
    }

    public String getSpecialistName() {
        return specialistName;
    }

    public void setSpecialistName(String specialistName) {
        this.specialistName = specialistName;
    }
}

```

User.java

```

package com.entity;

public class User {
    private int id;
    private String fullName;
    private String email;
    private String password;

    public User() {
        super();
        // TODO Auto-generated constructor stub
    }

    public User(String fullName, String email, String password) {
        super();
        this.fullName = fullName;
        this.email = email;
        this.password = password;
    }
}

```



```

    }

    public int getId() {
        return id;
    }

    public void setId(int id) {
        this.id = id;
    }

    public String getFullName() {
        return fullName;
    }

    public void setFullName(String fullName) {
        this.fullName = fullName;
    }

    public String getEmail() {
        return email;
    }

    public void setEmail(String email) {
        this.email = email;
    }

    public String getPassword() {
        return password;
    }

    public void setPassword(String password) {
        this.password = password;
    }
}

```

```

}

```

AppointmentServlet.java

```

package com.user.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import com.dao.AppointmentDAO;
import com.db.DBConnect;
import com.entity.Appointment;

```

```

@WebServlet("/appAppointment")
public class AppointmentServlet extends HttpServlet {

    @Override
    protected void doPost(HttpServletRequest req,
        HttpServletResponse resp) throws ServletException, IOException {

        int userId =
Integer.parseInt(req.getParameter("userid"));
        String fullname = req.getParameter("fullname");
        String gender = req.getParameter("gender");
        String age = req.getParameter("age");
        String appoint_date = req.getParameter("appoint_date");
        String email = req.getParameter("email");
        String phno = req.getParameter("phno");
        String diseases = req.getParameter("diseases");
        int doctor_id =
Integer.parseInt(req.getParameter("doct"));
        String address = req.getParameter("address");

        Appointment ap = new Appointment(userId, fullname,
            gender, age, appoint_date, email, phno, diseases, doctor_id,
                address, "Pending");

        AppointmentDAO dao = new
AppointmentDAO(DBConnect.getConn());
        HttpSession session = req.getSession();

        if (dao.addAppointment(ap)) {
            session.setAttribute("succMsg", "Appointment
Sucessfully");
            resp.sendRedirect("user_appointment.jsp");
        } else {
            session.setAttribute("errorMsg", "Something wrong
on server");
            resp.sendRedirect("user_appointment.jsp");
        }

    }

}

```

changePassword.java

```

package com.user.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

```

```

import javax.servlet.http.HttpSession;

import com.dao.UserDao;
import com.db.DBConnect;

@WebServlet("/userChangePassword")
public class changePassword extends HttpServlet {

    @Override
    protected void doPost(HttpServletRequest req,
        HttpServletResponse resp) throws ServletException, IOException {

        int uid = Integer.parseInt(req.getParameter("uid"));
        String oldPassword = req.getParameter("oldPassword");
        String newPassword = req.getParameter("newPassword");

        UserDao dao = new UserDao(DBConnect.getConn());
        HttpSession session = req.getSession();

        if (dao.checkOldPassword(uid, oldPassword)) {

            if (dao.changePassword(uid, newPassword)) {
                session.setAttribute("succMsg", "Password
Change Sucessfully");
                resp.sendRedirect("change_password.jsp");
            } else {
                session.setAttribute("errorMsg",
"Something wrong on server");
                resp.sendRedirect("change_password.jsp");
            }
        } else {
            session.setAttribute("errorMsg", "Old Password
Incorrect");
            resp.sendRedirect("change_password.jsp");
        }
    }
}

```

UserLogin.java

```

package com.user.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

```

```

import javax.servlet.http.HttpSession;

import com.dao.UserDao;
import com.db.DBConnect;
import com.entity.User;

@WebServlet("/userLogin")
public class UserLogin extends HttpServlet {

    @Override
    protected void doPost(HttpServletRequest req,
        HttpServletResponse resp) throws ServletException, IOException {
        String email = req.getParameter("email");
        String password = req.getParameter("password");

        HttpSession session = req.getSession();

        UserDao dao = new UserDao(DBConnect.getConn());
        User user = dao.login(email, password);

        if (user != null) {
            session.setAttribute("userObj", user);
            resp.sendRedirect("index.jsp");
        } else {
            session.setAttribute("errorMsg", "invalid email &
password");
            resp.sendRedirect("user_login.jsp");
        }
    }
}

```

UserLogout.java

```

package com.user.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

@WebServlet("/userLogout")
public class UserLogout extends HttpServlet {
    @Override
    protected void doGet(HttpServletRequest req, HttpServletResponse
resp) throws ServletException, IOException {

        HttpSession session = req.getSession();
    }
}

```

```

        session.removeAttribute("userObj");
        session.setAttribute("succMsg", "User Logout
Sucessfully");
        resp.sendRedirect("user_login.jsp");
    }
}

```

```

}

```

UserRegister.java

```

package com.user.servlet;

import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import com.dao.UserDao;
import com.db.DBConnect;
import com.entity.User;

@WebServlet("/user_register")
public class UserRegister extends HttpServlet {

    @Override
    protected void doPost(HttpServletRequest req,
        HttpServletResponse resp) throws ServletException, IOException {

        try {
            String fullName = req.getParameter("fullname");
            String email = req.getParameter("email");
            String password = req.getParameter("password");

            User u = new User(fullName, email, password);

            UserDao dao = new UserDao(DBConnect.getConn());

            HttpSession session = req.getSession();

            boolean f = dao.register(u);

            if (f) {
                session.setAttribute("succMsg", "Register
Sucessfully");
                resp.sendRedirect("signup.jsp");
            } else {

```

```

        session.setAttribute("errorMsg",
"Something wrong on server");
        resp.sendRedirect("signup.jsp");
    }

    } catch (Exception e) {
        e.printStackTrace();
    }

}

```

Frontend Admin :

doctor.jsp

```

<%@page import="com.entity.Doctor"%>
<%@page import="com.dao.DoctorDao"%>
<%@page import="com.entity.Specialist"%>
<%@page import="java.util.List"%>
<%@page import="com.db.DBConnect"%>
<%@page import="com.dao.SpecialistDao"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
<%@include file="../component/allcss.jsp"%>
<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}
</style>
</head>
<body>
    <%@include file="navbar.jsp"%>
    <div class="container-fluid p-3">
        <div class="row">
            <div class="col-md-5 offset-md-4">
                <div class="card paint-card">
                    <div class="card-body">
                        <p class="fs-3 text-
center">Add Doctor</p>
                        <c:if test="${not empty
errorMsg}">
                            <p class="fs-3 text-
center text-danger">${errorMsg}</p>
                        <c:remove
var="errorMsg" scope="session" />
                    </c:if>

```

```

succMsg}">
                                <c:if test="${not empty
                                <div class="fs-3
text-center text-success" role="alert">${succMsg}</div>
                                <c:remove
var="succMsg" scope="session" />
                                </c:if>
                                <form action=" ../addDoctor"
method="post">
                                <div class="mb-3">
                                    <label
class="form-label">Full Name</label> <input type="text"
                                required name="fullname" class="form-control">
                                    </div>
                                <div class="mb-3">
                                    <label
class="form-label">DOB</label> <input type="date"
                                required name="dob" class="form-control">
                                    </div>
                                <div class="mb-3">
                                    <label
class="form-label">Qualification</label> <input required
                                name="qualification" type="text" class="form-control">
                                    </div>
                                <div class="mb-3">
                                    <label
class="form-label">Specialist</label> <select name="spec"
                                required class="form-control">
                                    <option>--select--</option>
                                <%
                                SpecialistDao dao = new SpecialistDao(DBConnect.getConn());
                                List<Specalist> list = dao.getAllSpecialist();
                                for
                                (Specalist s : list) {
                                %>
                                <option><%=s.getSpecialistName()%></option>
                                <%
                                }
                                %>

```

```

                                </select>
                                </div>

                                <div class="mb-3">
                                    <label
class="form-label">Email</label> <input type="text"
                                required name="email" class="form-control">
                                </div>

                                <div class="mb-3">
                                    <label
class="form-label">Mob No</label> <input type="text"
                                required name="mobno" class="form-control">
                                </div>

                                <div class="mb-3">
                                    <label
class="form-label">Password</label> <input required
                                name="password" type="password" class="form-control">
                                </div>

                                <button
type="submit" class="btn btn-primary">Submit</button>
                                </form>
                                </div>
                                </div>
                                </div>

```

```

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

```

edit_doctor.jsp

```

<%@page import="com.entity.Doctor"%>
<%@page import="com.dao.DoctorDao"%>
<%@page import="com.entity.Specialist"%>
<%@page import="java.util.List"%>
<%@page import="com.db.DBConnect"%>
<%@page import="com.dao.SpecialistDao"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">

```



```

<title>Insert title here</title>
<%@include file="../component/allcss.jsp"%>
<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}
</style>
</head>
<body>
    <%@include file="navbar.jsp"%>
    <div class="container-fluid p-3">
        <div class="row">

            <div class="col-md-4 offset-md-4">
                <div class="card paint-card">
                    <div class="card-body">
                        <p class="fs-3 text-
center">Edit Doctor Details</p>
                        <c:if test="${not empty
errorMsg}">
                            <p class="fs-3 text-
center text-danger">${errorMsg}</p>
                        <c:remove
var="errorMsg" scope="session" />
                        </c:if>
                        <c:if test="${not empty
succMsg}">
                            <div class="fs-3
text-center text-success" role="alert">${succMsg}</div>
                        <c:remove
var="succMsg" scope="session" />
                        </c:if>

                        <%
int id =
Integer.parseInt(request.getParameter("id"));
DoctorDao dao2 = new
DoctorDao(DBConnect.getConn());
dao2.getDoctorById(id);
%>

                        <form
action="../updateDoctor" method="post">
                            <div class="mb-3">
                                <label
class="form-label">Full Name</label> <input type="text"
                                required name="fullname" class="form-control"

```

```

        value="<%=d.getFullName()%>"
        </div>

        <div class="mb-3">
            <label
class="form-label">DOB</label> <input type="date"
        value="<%=d.getDob()%>" required name="dob"
        class="form-control">
            </div>

            <div class="mb-3">
                <label
class="form-label">Qualification</label> <input required
        value="<%=d.getQualification()%>" name="qualification"
        type="text" class="form-control">
            </div>
            <div class="mb-3">
                <label
class="form-label">Specialist</label> <select name="spec"
        required class="form-control">
            <option><%=d.getSpecialist()%></option>

            <%
                SpecialistDao dao = new SpecialistDao(DBConnect.getConn());
                List<Specalist> list = dao.getAllSpecialist();
                for
            (Specalist s : list) {
                <option><%=s.getSpecialistName()%></option>
            }
            %>

            </select>
        </div>

        <div class="mb-3">
            <label
class="form-label">Email</label> <input type="text"

```

```

        value="<%=d.getEmail()%>" required name="email"
        class="form-control">
    </div>

    <div class="mb-3">
        <label
class="form-label">Mob No</label> <input type="text"
        value="<%=d.getMobNo()%>" required name="mobno"
        class="form-control">
    </div>

    <div class="mb-3">
        <label
class="form-label">Password</label> <input required
        value="<%=d.getPassword()%>" name="password" type="text"
        class="form-control">
    </div>
    <input type="hidden"
name="id" value="<%=d.getId()%>">

    <button
type="submit" class="btn btn-primary col-md-12">Update</button>
    </form>
    </div>
</div>
</div>
</body>
</html>
index.jsp
<%@page import="com.db.DBConnect"%>
<%@page import="com.dao.DoctorDao"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
<%@include file="../component/allcss.jsp"%>

```

```

<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}
</style>
</head>
<body>
    <%@include file="navbar.jsp"%>

    <c:if test="${ empty adminObj }">
        <c:redirect url="../admin_login.jsp"></c:redirect>
    </c:if>

    <div class="container p-5">
        <p class="text-center fs-3">Admin Dashboard</p>
        <c:if test="${not empty errorMsg}">
            <p class="fs-3 text-center text-
danger">${errorMsg}</p>
            <c:remove var="errorMsg" scope="session" />
        </c:if>
        <c:if test="${not empty succMsg}">
            <div class="fs-3 text-center text-success"
role="alert">${succMsg}</div>
            <c:remove var="succMsg" scope="session" />
        </c:if>
        <%
DoctorDao dao = new DoctorDao(DBConnect.getConn());
%>
        <div class="row">
            <div class="col-md-4">
                <div class="card paint-card">
                    <div class="card-body text-center
text-success">
                        <i class="fas fa-user-md
fa-3x"></i><br>
                        <p class="fs-4 text-
center">
                            Doctor
                        <br><%=dao.countDoctor()%>
                    </div>
                </div>
            </div>
            <div class="col-md-4">
                <div class="card paint-card">
                    <div class="card-body text-center
text-success">

```

```

<i class="fas fa-user-
circle fa-3x"></i><br>
center">
<br><%=dao.countUSer()%>
User
</p>
</div>
</div>
</div>
<div class="col-md-4">
<div class="card paint-card">
<div class="card-body text-center
text-success">
<i class="far fa-calendar-
check fa-3x"></i><br>
center">
Total Appointment
<br><%=dao.countAppointment()%>
</p>
</div>
</div>
</div>
<div class="col-md-4 mt-2">
<div class="card paint-card " data-bs-
toggle="modal"
data-bs-target="#exampleModal">
<div class="card-body text-center
text-success">
<i class="far fa-calendar-
check fa-3x"></i><br>
center">
Specialist
<br><%=dao.countSpecialist()%>
</p>
</div>
</div>
</div>
</div>
</div>
<!-- Modal -->

```

```

        <div class="modal fade" id="exampleModal" tabindex="-1"
            aria-labelledby="exampleModalLabel" aria-hidden="true">
            <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">
                        <h5 class="modal-title"
id="exampleModalLabel">Modal title</h5>
                        <button type="button" class="btn-
close" data-bs-dismiss="modal"
                            aria-
label="Close"></button>
                    </div>
                    <div class="modal-body">
                        <form action=" ../addSpecialist"
method="post">

                            <div class="form-group">
                                <label>Enter
Specialist Name</label> <input type="text"
                                name="specName" class="form-control">
                            </div>
                            <div class="text-center mt-
3">
                                <button
type="submit" class="btn btn-primary">Add</button>
                            </div>

                        </form>

                    </div>
                    <div class="modal-footer">
                        <button type="button" class="btn
btn-secondary"
                            data-bs-
dismiss="modal">Close</button>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

</body>
</html>

```

navbar.jsp

```

<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"%>
<%@page isELIgnored="false"%>
<nav class="navbar navbar-expand-lg navbar-dark bg-success">
    <div class="container-fluid">

```

```

        <a class="navbar-brand" href="index.jsp"><i
            class="fas fa-clinic-medical"></i> Medi Home</a>
        <button class="navbar-toggler" type="button" data-bs-
toggle="collapse"
            data-bs-target="#navbarSupportedContent"
            aria-controls="navbarSupportedContent" aria-
expanded="false"
            aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse"
id="navbarSupportedContent">
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">

                <li class="nav-item"><a class="nav-link
active" href="index.jsp">HOME</a></li>
                <li class="nav-item"><a class="nav-link
active" href="doctor.jsp">DOCTOR</a></li>
                <li class="nav-item"><a class="nav-link
active" href="view_doctor.jsp">VIEW DOCTOR</a></li>
                <li class="nav-item"><a class="nav-link
active" href="patient.jsp">PATIENT</a></li>

            </ul>

            <form class="d-flex">
                <div class="dropdown">
                    <button class="btn btn-light
dropdown-toggle" type="button"
                        id="dropdownMenuButton1"
                        data-bs-toggle="dropdown"
                        aria-
expanded="false">Admin</button>
                    <ul class="dropdown-menu" aria-
labelledby="dropdownMenuButton1">
                        <li><a class="dropdown-
item" href="../adminLogout">Logout</a></li>
                    </ul>
                </div>
            </form>
        </div>
    </div>
</nav>

```

patient.jsp

```

<%@page import="com.entity.Doctor"%>
<%@page import="com.dao.DoctorDao"%>
<%@page import="com.entity.Appointment"%>
<%@page import="java.util.List"%>
<%@page import="com.db.DBConnect"%>
<%@page import="com.dao.AppointmentDAO"%>

```

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
<%@include file="../component/allcss.jsp"%>
<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}
</style>
</head>
<body>
    <%@include file="navbar.jsp"%>
    <div class="col-md-12">
        <div class="card paint-card">
            <div class="card-body">
                <p class="fs-3 text-center">Patient
Details</p>
                <table class="table">
                    <thead>
                        <tr>
                            <th scope="col">Full
Name</th>
                            <th
scope="col">Gender</th>
                            <th
scope="col">Age</th>
                            <th
scope="col">Appointment</th>
                            <th
scope="col">Email</th>
                            <th scope="col">Mob
No</th>
                            <th
scope="col">Diseases</th>
                            <th
scope="col">Doctor Name</th>
                            <th
scope="col">Address</th>
                            <th
scope="col">Status</th>
                        </tr>
                    </thead>
                    <tbody>
                        <%
AppointmentDAO dao = new
AppointmentDAO(DBConnect.getConn());

```



```

DoctorDao(DBConnect.getConn());

dao.getAllAppointment();

{

dao2.getDoctorById(ap.getDoctorId());

```

```

<th><%=ap.getFullName()%></th>

<td><%=ap.getGender()%></td>

<td><%=ap.getAge()%></td>

<td><%=ap.getAppoinDate()%></td>

<td><%=ap.getEmail()%></td>

<td><%=ap.getPhNo()%></td>

<td><%=ap.getDiseases()%></td>

<td><%=d.getFullName()%></td>

<td><%=ap.getAddress()%></td>

<td><%=ap.getStatus()%></td>

```

```

DoctorDao dao2 = new

List<Appointment> list =

for (Appointment ap : list)

```

```

    Doctor d =

```

```

%>
<tr>

```

```

</tr>
<%
}
%>

```

```

</tbody>
</table>

```

```

</div>

```

```

</div>

```

```

</div>

```

```

</body>
</html>

```

view_doctor.jsp

```

<%@page import="com.entity.Doctor"%>
<%@page import="com.dao.DoctorDao"%>
<%@page import="com.entity.Specialist"%>
<%@page import="java.util.List"%>
<%@page import="com.db.DBConnect"%>
<%@page import="com.dao.SpecialistDao"%>

```

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
<%@include file="../component/allcss.jsp"%>
<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}
</style>
</head>
<body>
    <%@include file="navbar.jsp"%>
    <div class="container-fluid p-3">
        <div class="row">

            <div class="col-md-12">
                <div class="card paint-card">
                    <div class="card-body">
                        <p class="fs-3 text-
center">Doctor Details</p>
                        <c:if test="${not empty
errorMsg}">
                            <p class="fs-3 text-
center text-danger">${errorMsg}</p>
                        </c:if>
                        <c:if test="${not empty
succMsg}">
                            <div class="fs-3
text-center text-success" role="alert">${succMsg}</div>
                        </c:if>
                        <c:if test="${not empty
errorMsg}">
                            <div class="fs-3
text-center text-danger" role="alert">${errorMsg}</div>
                        </c:if>
                    </div>
                </div>
            </div>
            <div class="col-md-12">
                <table class="table">
                    <thead>
                        <tr>
                            <th>Full Name</th>
                            <th>DOB</th>
                            <th>Qualification</th>
                            <th>Specialist</th>
                        </tr>
                    </thead>
                    <tbody>
                        <tr>
                            <td>Dr. John Doe</td>
                            <td>1980-01-01</td>
                            <td>MBBS, MD</td>
                            <td>Cardiologist</td>
                        </tr>
                        <tr>
                            <td>Dr. Jane Smith</td>
                            <td>1985-03-15</td>
                            <td>BSc, MSc</td>
                            <td>Neurologist</td>
                        </tr>
                        <tr>
                            <td>Dr. Robert Brown</td>
                            <td>1978-07-22</td>
                            <td>PhD</td>
                            <td>Geneticist</td>
                        </tr>
                    </tbody>
                </table>
            </div>
        </div>
    </div>

```

```

scope="col">Email</th>
scope="col">Mob No</th>
scope="col">Action</th>
</tr>
</thead>
<tbody>
<%
DoctorDao
List<Doctor>
for (Doctor d
: list2) {
    <td><%=d.getFullName()%></td>
    <td><%=d.getDob()%></td>
    <td><%=d.getQualification()%></td>
    <td><%=d.getSpecialist()%></td>
    <td><%=d.getEmail()%></td>
    <td><%=d.getMobNo()%></td>
    <td><a
href="edit_doctor.jsp?id=<%=d.getId()%>"
class="btn btn-sm btn-primary">Edit</a>

<a
href="../deleteDoctor?id=<%=d.getId()%>"
class="btn btn-sm btn-danger">Delete</a></td>
</tr>
<%
}
%>
</tbody>
</table>

```

```

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

```

component Folder

allcss.jsp

```

<link
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/boot
strap.min.css"
    rel="stylesheet"
    integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfSpd3yD65VohhpUuCOMLASjC"
    crossorigin="anonymous">

<link rel="stylesheet"
    href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-
beta3/css/all.min.css"
    integrity="sha512-
Fo3r1rZj/k7ujTnHg4CGR2D7kSs0v4LLanw2qksYuRlEz0+tcaEPQogQ0KaoGN26/zrn20I
mR1DfuLWnOo7aBA=="
    crossorigin="anonymous" referrerpolicy="no-referrer" />

<script
    src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootst
rap.bundle.min.js"
    integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
    crossorigin="anonymous"></script>

```

footer.jsp

```

<div class="container-fluid p-1 bg-success text-center text-white">
    <p>©copyright hospital.com</p>
</div>

```

navbar.jsp

```

<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"%>
<%@page isELIgnored="false"%>
<nav class="navbar navbar-expand-lg navbar-dark bg-success">
    <div class="container-fluid">
        <a class="navbar-brand" href="index.jsp"><i
            class="fas fa-clinic-medical"></i> MEDI HOME</a>
        <button class="navbar-toggler" type="button" data-bs-
toggle="collapse"
            data-bs-target="#navbarSupportedContent"
            aria-controls="navbarSupportedContent" aria-
expanded="false"

```

```

        aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse"
id="navbarSupportedContent">
        <ul class="navbar-nav ms-auto mb-2 mb-lg-0">

            <c:if test="${empty userObj }">
                <li class="nav-item"><a class="nav-
link active"
                    aria-current="page"
href="admin_login.jsp"><i
                    class="fas fa-sign-
in-alt"></i> ADMIN</a></li>

                <li class="nav-item"><a class="nav-
link active"
                    aria-current="page"
href="doctor_login.jsp">DOCTOR</a></li>
                <li class="nav-item"><a class="nav-
link active"
                    aria-current="page"
href="user_appointment.jsp">APPOINTMENT</a></li>
                <li class="nav-item"><a class="nav-
link active"
                    aria-current="page"
href="user_login.jsp">USER</a></li>

            </c:if>

            <c:if test="${not empty userObj }">
                <li class="nav-item"><a class="nav-
link active"
                    aria-current="page"
href="user_appointment.jsp">APPOINTMENT</a></li>

                <li class="nav-item"><a class="nav-
link active"
                    aria-current="page"
href="view_appointment.jsp">VIEW APPOINTMENT</a></li>

                <div class="dropdown">
                    <button class="btn btn-
success dropdown-toggle" type="button"

                        id="dropdownMenuButton1" data-bs-toggle="dropdown"
                        aria-
expanded="false">

```

```

                                <i class="fa-solid
fa-circle-user"></i> ${userObj.fullName }
                                </button>
                                <ul class="dropdown-menu"
aria-labelledby="dropdownMenuButton1">
                                <li><a
class="dropdown-item" href="change_password.jsp">Change
Password</a></li>
                                <li><a
class="dropdown-item" href="userLogout">Logout</a></li>
                                </ul>
                                </div>

                                </c:if>

```

```

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

```

Doctor Folder

comment.jsp

```

<%@page import="com.entity.Appointment"%>
<%@page import="com.db.DBConnect"%>
<%@page import="com.dao.AppointmentDAO"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"%>
<%@page isELIgnored="false"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}

.backImg {
    background: linear-gradient(rgba(0, 0, 0, .4), rgba(0, 0, 0,
.4)),
    url("../img/hospital.jpg");
}

```

```

        height: 20vh;
        width: 100%;
        background-size: cover;
        background-repeat: no-repeat;
    }
</style>
<%@include file="../component/allcss.jsp"%>
</head>
<body>
    <c:if test="${empty doctObj }">
        <c:redirect url="../doctor_login.jsp"></c:redirect>
    </c:if>

    <%@include file="navbar.jsp"%>
    <div class="container-fulid backImg p-5">
        <p class="text-center fs-2 text-white"></p>
    </div>
    <div class="container p-3">
        <div class="row">

            <div class="col-md-6 offset-md-3">
                <div class="card paint-card">
                    <div class="card-body">
                        <p class="text-center fs-
4">Patient Comment</p>

                        <%
                            int id =
Integer.parseInt(request.getParameter("id"));
AppointmentDAO dao = new
AppointmentDAO(DBConnect.getConn());

                            Appointment ap =
dao.getAppointmentById(id);
                        %>
                        <form class="row"
                                <div class="col-md-
6">

                            <label>Patient Name</label> <input type="text" readonly
                                value="<%=ap.getFullName()%>" class="form-control">
                                </div>

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

                            <label>Age</label> <input type="text" value="<%=ap.getAge()%>"

```

```

        readonly class="form-control">
</div>

<div class="col-md-6">
<br>
<label>Mob No</label> <input type="text" readonly
value="<%=ap.getPhNo()%>" class="form-control">
</div>

<div class="col-md-6">
<br>
<label>Diseases</label> <input type="text" readonly
value="<%=ap.getDiseases()%>" class="form-control">
</div>

<div class="col-md-12">
<br>
<label>Comment</label>
<textarea
required name="comm" class="form-control" row="3"
cols=""></textarea>
</div>

<input type="hidden"
name="id" value="<%=ap.getId()%>"> <input
type="hidden"
name="did" value="<%=ap.getDoctorId()%>">

<button class=" mt-3
btn btn-primary col-md-6 offset-md-3">Submit</button>
</form>
</div>
</div>
</div>
</div>
</div>

```



```

</body>
</html>
edit_profile.jsp
<%@page import="com.entity.Specialist"%>
<%@page import="java.util.List"%>
<%@page import="com.db.DBConnect"%>
<%@page import="com.dao.SpecialistDao"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"%>
<%@page isELIgnored="false"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}
</style>
<%@include file="../component/allcss.jsp"%>
</head>
<body>
    <c:if test="${empty doctObj }">
        <c:redirect url="../doctor_login.jsp"></c:redirect>
    </c:if>

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

    <div class="container p-4">
        <div class="row">
            <div class="col-md-4">
                <div class="card paint-card">
                    <p class="text-center fs-3">Change
Password</p>
                    <c:if test="${not empty succMsg }">
                        <p class="text-center text-
success fs-3">${succMsg}</p>
                        <c:remove var="succMsg"
scope="session" />
                    </c:if>

                    <c:if test="${not empty errorMsg
}">
                        <p class="text-center text-
danger fs-5">${errorMsg}</p>
                        <c:remove var="errorMsg"
scope="session" />

```

```

</c:if>
<div class="card-body">
    <form
action="../doctChangePassword" method="post">
        <div class="mb-3">
            <label>Enter
New Password</label> <input type="text"

            name="newPassword" class="form-control" required>
        </div>

        <div class="mb-3">
            <label>Enter
Old Password</label> <input type="text"

            name="oldPassword" class="form-control" required>
        </div>
        <input type="hidden"
value="`${doctObj.id}`" name="uid">
        <button class="btn
btn-success col-md-12">Change
Password</button>
    </form>
</div>
</div>
</div>
<div class="col-md-5 offset-md-2">
    <div class="card paint-card">
        <p class="text-center fs-3">Edit
Profile</p>
        <c:if test="`${not empty succMsgd}`">
            <p class="text-center text-
success fs-3">`${succMsgd}</p>
            <c:remove var="succMsgd"
scope="session" />
        </c:if>

        <c:if test="`${not empty errorMsgd}`">
            <p class="text-center text-
danger fs-5">`${errorMsgd}</p>
            <c:remove var="errorMsgd"
scope="session" />
        </c:if>
    </div class="card-body">
    <form
action="../doctorUpdateProfile" method="post">
        <div class="mb-3">

```

```

<label
class="form-label">Full Name</label> <input type="text"
    required name="fullname" class="form-control"
    value="${doctObj.fullName }">
</div>

<div class="mb-3">
<label
class="form-label">DOB</label> <input type="date"
    required name="dob" class="form-control"
    value="${doctObj.dob }">
</div>

<div class="mb-3">
<label
class="form-label">Qualification</label> <input required
    name="qualification" type="text" class="form-control"
    value="${doctObj.qualification }">
</div>
<div class="mb-3">
<label
class="form-label">Specialist</label> <select name="spec"
    required class="form-control">
<option>${doctObj.specialist }</option>

    <%
        SpecialistDao dao = new SpecialistDao(DBConnect.getConn());
        List<Specalist> list = dao.getAllSpecialist();
        for
        (Specalist s : list) {
            <option><%=s.getSpecialistName()%></option>
        }
    %>

</select>
</div>

```



```

        box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
    }
</style>
<%@include file="../component/allcss.jsp"%>
</head>
<body>
    <c:if test="${empty doctObj }">
        <c:redirect url="../doctor_login.jsp"></c:redirect>
    </c:if>

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

    <p class="text-center fs-3">Doctor Dashboard</p>

    <%
        Doctor d = (Doctor) session.getAttribute("doctObj");
        DoctorDao dao = new DoctorDao(DBConnect.getConn());
    %>
    <div class="container p-5">
        <div class="row">
            <div class="col-md-4 offset-md-2">
                <div class="card paint-card">
                    <div class="card-body text-center
text-success">
                        <i class="fas fa-user-md
fa-3x"></i><br>
                        <p class="fs-4 text-
center">
                            Doctor
                        <br><%=dao.countDoctor()%>
                    </p>
                </div>
            </div>
            <div class="col-md-4">
                <div class="card paint-card">
                    <div class="card-body text-center
text-success">
                        <i class="far fa-calendar-
check fa-3x"></i><br>
                        <p class="fs-4 text-
center">
                            Total Appointment
                        <br>
                        <%=dao.countAppointmentByDocotrId(d.getId())%>
                    </p>
                </div>
            </div>
        </div>
    </div>

```

```

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

```

navbar.jsp

```

<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"%>
<%@page isELIgnored="false"%>
<nav class="navbar navbar-expand-lg navbar-dark bg-primary">
    <div class="container-fluid">
        <a class="navbar-brand" href="index.jsp"><i
            class="fas fa-clinic-medical"></i> Medi Home</a>
        <button class="navbar-toggler" type="button" data-bs-
toggle="collapse"
            data-bs-target="#navbarSupportedContent"
            aria-controls="navbarSupportedContent" aria-
expanded="false"
            aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse"
id="navbarSupportedContent">
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">
                <li class="nav-item"><a class="nav-link"
href="index.jsp">HOME</a></li>
                <li class="nav-item"><a class="nav-link"
href="patient.jsp">PATIENT</a></li>
            </ul>

            <form class="d-flex">
                <div class="dropdown">
                    <button class="btn btn-light
dropdown-toggle" type="button"
                        id="dropdownMenuButton1"
data-bs-toggle="dropdown"
                        aria-expanded="false">
                        <i class="fas fa-user-
circle"></i> ${doctObj.fullName }
                    </button>
                    <ul class="dropdown-menu" aria-
labelledby="dropdownMenuButton1">
                        <li><a class="dropdown-
item" href="edit_profile.jsp">Edit
                            Profile</a></li>
                        <li><a class="dropdown-
item" href=" ../doctorLogout">Logout</a></li>
                    </ul>

```

```

        </div>
    </form>
</div>
</div>
</nav>
patient.jsp
<%@page import="com.entity.Appointment"%>
<%@page import="java.util.List"%>
<%@page import="com.db.DBConnect"%>
<%@page import="com.dao.AppointmentDAO"%>
<%@page import="com.entity.Doctor"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"%>
<%@page isELIgnored="false"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
<%@include file="../component/allcss.jsp"%>
<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}
</style>
</head>
<body>
    <c:if test="${empty doctObj }">
        <c:redirect url="../doctor_login.jsp"></c:redirect>
    </c:if>

    <%@include file="navbar.jsp"%>
    <div class="container p-3">
        <div class="row">

            <div class="col-md-12">
                <div class="card paint-card">
                    <div class="card-body">
                        <p class="fs-3 text-
center">Patient Details</p>
                        <c:if test="${not empty
errorMsg}">
                            <p class="fs-4 text-
center text-danger">${errorMsg}</p>
                        <c:remove
var="errorMsg" scope="session" />
                        </c:if>
                        <c:if test="${not empty
succMsg}">

```

```

text-center text-success">${succMsg}</p>
var="succMsg" scope="session" />

scope="col">Full Name</th>
scope="col">Gender</th>
scope="col">Age</th>
scope="col">Appointment Date</th>
scope="col">Email</th>
scope="col">Mob No</th>
scope="col">Diseases</th>
scope="col">Status</th>
scope="col">Action</th>

(Doctor) session.getAttribute("doctObj");

AppointmentDAO dao = new AppointmentDAO(DBConnect.getConn());

List<Appointment> list =
dao.getAllAppointmentByDoctorLogin(d.getId());

(Appointment ap : list) {

    <th><%=ap.getFullName()%></th>
    <td><%=ap.getGender()%></td>
    <td><%=ap.getAge()%></td>
    <td><%=ap.getAppoinDate()%></td>

```



```

<td><%=ap.getEmail()%></td>

<td><%=ap.getPhNo()%></td>

<td><%=ap.getDiseases()%></td>

<td><%=ap.getStatus()%></td>

<td>

<%

if ("Pending".equals(ap.getStatus())) {

%>

<a href="comment.jsp?id=<%=ap.getId()%>"

class="btn btn-success btn-sm">Comment</a>

<%

} else {

%>

<a href="#" class="btn btn-success btn-sm disabled">Comment</a>

<%

}

%>

</td>

</tr>

<%

}

%>

</tbody>

</table>

</div>

</div>

</div>

</div>

</div>

```

```
</body>
```

```
</html>
```

admin_login.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
```

```
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"%>
```

```
<%@page isELIgnored="false"%>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="ISO-8859-1">
```

```
<title>Admin Login Page</title>
```

```
<%@include file="component/allcss.jsp"%>
```

```
<style type="text/css">
```

```
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
    <%@include file="component/navbar.jsp"%>
```

```
    <div class="container p-5">
```

```
        <div class="row">
```

```
            <div class="col-md-4 offset-md-4">
```

```
                <div class="card paint-card">
```

```
                    <div class="card-body">
```

```
                        <p class="fs-4 text-
```

```
center">Admin Login</p>
```

```
                        <c:if test="${not empty
```

```
succMsg }">
```

```
                            <p class="text-
```

```
center text-success fs-3">${succMsg}</p>
```

```
                            <c:remove
```

```
var="succMsg" scope="session" />
```

```
                        </c:if>
```

```
errorMsg }">
```

```
                        <c:if test="${not empty
```

```
                            <p class="text-
```

```
center text-danger fs-5">${errorMsg}</p>
```

```
                            <c:remove
```

```
var="errorMsg" scope="session" />
```

```
                        </c:if>
```

```
                    <form action="adminLogin"
```

```
method="post">
```

```
                        <div class="mb-3">
```

```

<label
class="form-label">Email address</label> <input required
    name="email" type="email" class="form-control">
    </div>

    <div class="mb-3">
        <label
class="form-label">Password</label> <input required
    name="password" type="password" class="form-control">
    </div>

    <button
type="submit" class="btn bg-success text-white col-md-
12">Login</button>
    </form>
    </div>
    </div>
    </div>
    </div>
</div>
</body>
</html>

```

change_password.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"%>
<%@page isELIgnored="false"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
<%@include file="component/allcss.jsp"%>

<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}
</style>
</head>
<body>
    <%@include file="component/navbar.jsp"%>

    <c:if test="${ empty userObj }">
        <c:redirect url="user_login.jsp"></c:redirect>
    </c:if>

    <div class="container p-4">

```

```

        <div class="row">
            <div class="col-md-4 offset-md-4">
                <div class="card paint-card">
                    <p class="text-center fs-3">Change
Password</p>
                    <c:if test="${not empty succMsg }">
                        <p class="text-center text-
success fs-3">${succMsg}</p>
                        <c:remove var="succMsg"
scope="session" />
                    </c:if>
                    <c:if test="${not empty errorMsg
}">
                        <p class="text-center text-
danger fs-5">${errorMsg}</p>
                        <c:remove var="errorMsg"
scope="session" />
                    </c:if>
                    <div class="card-body">
                        <form
action="userChangePassword" method="post">
                            <div class="mb-3">
                                <label>Enter
New Password</label> <input type="text"
name="newPassword" class="form-control" required>
                                </div>
                                <div class="mb-3">
                                <label>Enter
Old Password</label> <input type="text"
name="oldPassword" class="form-control" required>
                                </div>
                                <input type="hidden"
value="${userObj.id }" name="uid">
                                <button class="btn
btn-success col-md-12">Change
                                Password</button>
                            </form>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</body>
</html>
doctor_login.jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

```

```

        pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Docotr Login Page</title>
<%@include file="component/allcss.jsp"%>
<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}
</style>
</head>
<body>
    <%@include file="component/navbar.jsp"%>
    <div class="container p-5">
        <div class="row">
            <div class="col-md-4 offset-md-4">
                <div class="card paint-card">
                    <div class="card-body">
                        <p class="fs-4 text-
center">Doctor Login</p>

                        <c:if test="${not empty
succMsg }">
                            <p class="text-
center text-success fs-3">${succMsg}</p>
                        <c:remove
var="succMsg" scope="session" />
                        </c:if>

                        <c:if test="${not empty
errorMsg }">
                            <p class="text-
center text-danger fs-5">${errorMsg}</p>
                        <c:remove
var="errorMsg" scope="session" />
                        </c:if>

                        <form action="doctorLogin"
method="post">
                            <div class="mb-3">
                                <label
class="form-label">Email address</label> <input required
                                name="email" type="email" class="form-control">
                            </div>
                            <div class="mb-3">
                                <label
class="form-label">Password</label> <input required

```

```

        name="password" type="password" class="form-control">
            </div>
            <button
type="submit" class="btn bg-success text-white col-md-
12">Login</button>
        </form>
    </div>
</div>
</div>
</div>
</div>
</div>
</body>
</html>
index.jsp
<%@page import="com.db.DBConnect"%>
<%@page import="java.sql.Connection"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Index Page</title>
<%@include file="component/allcss.jsp"%>

<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}
</style>

</head>
<body>
    <%@include file="component/navbar.jsp"%>

    <div id="carouselExampleIndicators" class="carousel slide"
        data-bs-ride="carousel">
        <div class="carousel-indicators">
            <button type="button" data-bs-
target="#carouselExampleIndicators"
                data-bs-slide-to="0" class="active" aria-
current="true"
                aria-label="Slide 1"></button>
            <button type="button" data-bs-
target="#carouselExampleIndicators"

```



```
body">
    <div class="card-
5">100% Safety</p>
    ipsum dolor sit amet, consectetur adipisicing elit.
        Voluptatem, inventore</p>
    </div>
</div>
<div class="col-md-6">
    <div class="card paint-
card">
        <div class="card-
body">
            <p class="fs-
5">Clean Environment</p>
            ipsum dolor sit amet, consectetur adipisicing elit.
                Voluptatem, inventore</p>
            </div>
        </div>
    </div>
    <div class="col-md-6 mt-2">
        <div class="card paint-
card">
            <div class="card-
body">
                <p class="fs-
5">Friendly Doctors</p>
                ipsum dolor sit amet, consectetur adipisicing elit.
                    Voluptatem, inventore</p>
                </div>
            </div>
        </div>
    <div class="col-md-6 mt-2">
        <div class="card paint-
card">
            <div class="card-
body">
                <p class="fs-
5">Medical Research</p>
                ipsum dolor sit amet, consectetur adipisicing elit.
                    Voluptatem, inventore</p>
                </div>
            </div>
        </div>
```



```

Doctor)</p>
</div>
</div>
</div>
<div class="col-md-3">
    <div class="card paint-card">
        <div class="card-body text-center">
            
            <p class="fw-bold fs-5">Dr.
Mathue Samuel</p>
            <p class="fs-7">(Chief
Doctor)</p>
        </div>
    </div>
</div>
</div>
</div>

```

```

<%@include file="component/footer.jsp" %>

</body>
</html>

signup.jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"%>
<%@page isELIgnored="false"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
<%@include file="component/allcss.jsp"%>
<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}
</style>
</head>
<body>

    <%@include file="component/navbar.jsp"%>

    <div class="container p-5">
        <div class="row">

```

```

        <div class="col-md-4 offset-md-4">
            <div class="card paint-card">
                <div class="card-body">
                    <p class="fs-4 text-
center">User Register</p>

                    <c:if test="${not empty
sucMsg }">
                        <p class="text-
center text-success fs-3">${sucMsg}</p>
                        <c:remove
var="sucMsg" scope="session" />
                    </c:if>

                    <c:if test="${not empty
errorMsg }">
                        <p class="text-
center text-danger fs-3">${errorMsg}</p>
                        <c:remove
var="errorMsg" scope="session" />
                    </c:if>

                    <form
action="user_register" method="post">
                        <div class="mb-3">
                            <label
class="form-label">Full Name</label> <input required
name="fullname" type="text" class="form-control">
                        </div>
                        <div class="mb-3">
                            <label
class="form-label">Email address</label> <input required
name="email" type="email" class="form-control">
                        </div>
                        <div class="mb-3">
                            <label
class="form-label">Password</label> <input required
name="password" type="password" class="form-control">
                        </div>
                        <button
type="submit" class="btn bg-success text-white col-md-
12">Register</button>
                    </form>
                </div>
            </div>
        </div>

```

```
        </div>
    </div>
```

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

user_appointment.jsp

```
<%@page import="com.db.DBConnect"%>
<%@page import="com.dao.DoctorDao"%>
<%
response.setHeader("Cache-Control", "no-cache");
response.setHeader("Cache-Control", "no-store");
response.setHeader("Pragma", "no-cache");
response.setDateHeader("Expires", 0);
%>
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"%>
<%@page isELIgnored="false"%>
<%@page import="com.entity.Doctor"%>
<%@page import="java.util.List"%>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>User Appointment</title>
<%@include file="component/allcss.jsp"%>
<style type="text/css">
.paint-card {
    box-shadow: 0 0 8px 0 rgba(0, 0, 0, 0.3);
}

.backImg {
    background: linear-gradient(rgba(0, 0, 0, .4), rgba(0, 0, 0,
    .4)),
        url("img/hospital.jpg");
    height: 20vh;
    width: 100%;
    background-size: cover;
    background-repeat: no-repeat;
}
</style>
</head>
<body>
    <%@include file="component/navbar.jsp"%>

    <div class="container-fulid backImg p-5">
        <p class="text-center fs-2 text-white"></p>
    </div>
```

```

<div class="container p-3">
    <div class="row">
        <div class="col-md-6 p-5">
            
        </div>

        <div class="col-md-6">
            <div class="card paint-card">
                <div class="card-body">
                    <p class="text-center fs-
3">User Appointment</p>
                    <c:if test="\${not empty
errorMsg}">
                        <p class="fs-4 text-
center text-danger">\${errorMsg}</p>
                    <c:remove
var="errorMsg" scope="session" />
                    </c:if>
                    <c:if test="\${not empty
succMsg}">
                        <p class=" fs-4
text-center text-success">\${succMsg}</p>
                    <c:remove
var="succMsg" scope="session" />
                    </c:if>
                    <form class="row g-3"
action="appAppointment" method="post">
                        <input type="hidden"
name="userid" value="\${userObj.id }">
                        <div class="col-md-
6">
                            <label
for="inputEmail4" class="form-label">Full Name</label> <input
required type="text" class="form-control" name="fullname">
                        </div>
                        <div class="col-md-
6">
                            <label>Gender</label> <select class="form-control" name="gender"
required>
                                <option value="male">Male</option>
                                <option value="female">Female</option>
                            </select>
                        </div>

```

```

        <div class="col-md-6">
            <label
for="inputEmail4" class="form-label">Age</label> <input
        required type="number" class="form-control" name="age">
        </div>

        <div class="col-md-6">
            <label
for="inputEmail4" class="form-label">Appointment
        Date</label> <input type="date" class="form-control" required
        name="appoint_date">
        </div>

        <div class="col-md-6">
            <label
for="inputEmail4" class="form-label">Email</label> <input
        required type="email" class="form-control" name="email">
        </div>

        <div class="col-md-6">
            <label
for="inputEmail4" class="form-label">Phone No</label> <input
        maxlength="10" required type="number" class="form-control"
        name="phno">
        </div>

        <div class="col-md-6">
            <label
for="inputEmail4" class="form-label">Diseases</label> <input
        required type="text" class="form-control" name="diseases">
        </div>

        <div class="col-md-6">
            <label
for="inputPassword4" class="form-label">Doctor</label> <select

```

```
required class="form-control" name="doct">

<option value="">--select--</option>


                                <%

    DoctorDao dao = new DoctorDao(DBConnect.getConnection());

    List<Doctor> list = dao.getAllDoctor();

                                for
(Doctor d : list) {
                                %>

        <option value="<%=d.getId()%"><%=d.getFullName()%>
(<%=d.getSpecialist()%>)

        </option>

                                <%
                                }
                                %>


                                </select>
                                </div>

                                <div class="col-md-
12">

                                    <label>Full
Address</label>

                                    <textarea
required name="address" class="form-control" rows="3"

                                    cols=""></textarea>

                                </div>

                                <c:if test="${empty
userObj}">

                                    <a
href="user_login.jsp" class="col-md-6 offset-md-3 btn btn-
success">Submit</a>

                                </c:if>

                                <c:if test="${not
empty userObj}">

                                    <button
class="col-md-6 offset-md-3 btn btn-success">Submit</button>

                                </c:if>

                                </form>
```

```

        </div>
    </div>
</div>
</div>
<@include file="component/footer.jsp"%>

</body>
</html>

```

user_login.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"%>
<%@page isELIgnored="false"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>User Login Page</title>
<%@include file="component/allcss.jsp"%>
<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}
</style>
</head>
<body>
    <%@include file="component/navbar.jsp"%>

    <div class="container p-5">
        <div class="row">
            <div class="col-md-4 offset-md-4">
                <div class="card paint-card">
                    <div class="card-body">
                        <p class="fs-4 text-
center">User Login</p>

                        <c:if test="${not empty
succMsg }">
                            <p class="text-
center text-success fs-3">${succMsg}</p>
                        <c:remove
var="succMsg" scope="session" />
                        </c:if>

                        <c:if test="${not empty
errorMsg }">
                            <p class="text-
center text-danger fs-5">${errorMsg}</p>

```



```

var="errorMsg" scope="session" />
</c:if>
<form action="userLogin"
method="post">
<div class="mb-3">
<label
class="form-label">Email address</label> <input required
name="email" type="email" class="form-control">
</div>
<div class="mb-3">
<label
class="form-label">Password</label> <input required
name="password" type="password" class="form-control">
</div>
<button
type="submit" class="btn bg-success text-white col-md-
12">Login</button>
</form>
<br> Don't have an account?
<a href="signup.jsp"
class="text-
decoration-none"> create one</a>
</div>
</div>
</div>
</div>
</div>

```

```
</body>
</html>

view_appointment.jsp

<%@page import="com.entity.User"%>
<%@page import="com.entity.Doctor"%>
<%@page import="com.dao.DoctorDao"%>
<%@page import="com.entity.Appointment"%>
<%@page import="java.util.List"%>
<%@page import="com.db.DBConnect"%>
<%@page import="com.dao.AppointmentDAO"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"%>
<%@page isELIgnored="false"%>
<!DOCTYPE html>
```

```

<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
<%@include file="component/allcss.jsp"%>
<style type="text/css">
.paint-card {
    box-shadow: 0 0 10px 0 rgba(0, 0, 0, 0.3);
}

.backImg {
    background: linear-gradient(rgba(0, 0, 0, .4), rgba(0, 0, 0,
    .4)),
        url("img/hospital.jpg");
    height: 20vh;
    width: 100%;
    background-size: cover;
    background-repeat: no-repeat;
}
</style>
</head>
<body>
    <c:if test="${empty userObj }">
        <c:redirect url="user_login.jsp"></c:redirect>
    </c:if>
    <%@include file="component/navbar.jsp"%>

    <div class="container-fulid backImg p-5">
        <p class="text-center fs-2 text-white"></p>
    </div>
    <div class="container p-3">
        <div class="row">
            <div class="col-md-9">
                <div class="card paint-card">
                    <div class="card-body">
                        <p class="fs-4 fw-bold
text-center text-success">Appointment
                                List</p>
                                <table class="table">
                                    <thead>
                                        <tr>
                                            <th
scope="col">Full Name</th>
                                            <th
scope="col">Gender</th>
                                            <th
scope="col">Age</th>
                                            <th
scope="col">Appoint Date</th>
                                            <th
scope="col">Diseases</th>

```

```

scope="col">Doctor Name</th>
scope="col">Status</th>

</tr>
</thead>
<tbody>
    <%
        User user =
(User) session.getAttribute("userObj");

        AppointmentDAO dao = new AppointmentDAO(DBConnect.getConn());
        DoctorDao
dao2 = new DoctorDao(DBConnect.getConn());

        List<Appointment> list =
dao.getAllAppointmentByLoginUser(user.getId());

        for
            Doctor
(Appointment ap : list) {
d = dao2.getDoctorById(ap.getDoctorId());

        %>
        <tr>

            <th><%=ap.getFullName()%></th>

            <td><%=ap.getGender()%></td>

            <td><%=ap.getAge()%></td>

            <td><%=ap.getAppoinDate()%></td>

            <td><%=ap.getDiseases()%></td>

            <td><%=d.getFullName()%></td>

            <td>

            <%

                if ("Pending".equals(ap.getStatus())) {

                    %> <a href="#" class="btn btn-sm btn-warning">Pending</a> <%
                } else {
                    %> <%=ap.getStatus()%> <%
                }
            %>

            </td>

        </tr>
    <%
        }
    %>

```

```

%>

</tbody>
</table>

</div>
</div>
</div>
<div class="col-md-3 p-3">
  
</div>
</div>
</div>

</body>
</html>

```

Pom.xml

```

<project xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
http://maven.apache.org/maven-v4_0_0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>com.hospital</groupId>
  <artifactId>Hospital_System_2</artifactId>
  <packaging>war</packaging>
  <version>0.0.1-SNAPSHOT</version>
  <name>Hospital_System_2 Maven Webapp</name>
  <url>http://maven.apache.org</url>
  <dependencies>
    <!--
https://mvnrepository.com/artifact/javax.servlet/javax.servlet-api -->
    <dependency>
      <groupId>javax.servlet</groupId>
      <artifactId>javax.servlet-api</artifactId>
      <version>4.0.1</version>
      <scope>provided</scope>
    </dependency>

    <!-- https://mvnrepository.com/artifact/mysql/mysql-
connector-java -->
    <dependency>
      <groupId>mysql</groupId>
      <artifactId>mysql-connector-java</artifactId>
      <version>8.0.17</version>
    </dependency>

```

```
        <!--  
https://mvnrepository.com/artifact/javax.servlet/jstl -->  
        <dependency>  
            <groupId>javax.servlet</groupId>  
            <artifactId>jstl</artifactId>  
            <version>1.2</version>  
        </dependency>  
  
        <dependency>  
            <groupId>junit</groupId>  
            <artifactId>junit</artifactId>  
            <version>3.8.1</version>  
            <scope>test</scope>  
        </dependency>  
    </dependencies>  
    <build>  
        <finalName>Hospital_System_2</finalName>  
    </build>  
</project>
```