Source Code

Authentication.java

```java
String type=request.getParameter("type");

    application.setAttribute("type",type);
try{

        if(type.equalsIgnoreCase("user"))

        {

            String Password=request.getParameter("pass");

            application.setAttribute("user",username);

            String sql="SELECT * FROM user where username='"+username+"'
and password='"+Password+"'";

                            ResultSetrs =stmt.executeQuery(sql);

    }

        else if(type.equalsIgnoreCase("peer"))

        {

            String Password=request.getParameter("pass");

            String ptype=request.getParameter("ptype");

            application.setAttribute("ptype",ptype);

    String sql="SELECT * FROM peer where username='"+username+"' and
password='"+Password+"' and peertype='"+ptype+"'";

        ResultSetrs =stmt.executeQuery(sql);

            if(rs.next())
```

```
                    {

                            response.sendRedirect("peermain.jsp");

                    }

                    else

                    {

                            response.sendRedirect("wronglogin.jsp");

                    }

            }

    }

    catch(Exception e)

    {

            out.print(e);

    }
```

updaterank.jsp

```
    try{

            String user = (String)application.getAttribute("user");

            String id = request.getParameter("id");

            String key = request.getParameter("key");

            String itype=request.getParameter("itype");

            String sk=request.getParameter("sk");


                    if(itype.equalsIgnoreCase("like"))
```

```java
{
    String sql1="update images set rank=rank+1 where id='"+id+"'";
    Statement st1=connection.createStatement();
    st1.executeUpdate(sql1);
    response.sendRedirect("u_imgdetails.jsp?id="+id+"&key="+key+"&sk="+sk+"");
}
else if(itype.equalsIgnoreCase("view"))
{
    String sql1="update images set rank=rank+1 where id='"+id+"'";
    Statement st1=connection.createStatement();
    st1.executeUpdate(sql1);
    response.sendRedirect("u_imgdetails.jsp?id="+id+"&key="+key+"&sk="+sk+"");
}
else if(itype.equalsIgnoreCase("dislike"))
{
    String reason=request.getParameter("reason");
    String imgname=request.getParameter("imgname");
    Stringsql1="insertintodislike(imgid,username,imgname,reason,dt)values('"+id+"','"+user+"','"+imgname+"','"+reason+"','"+dt+"')";
    Statement st1=connection.createStatement();
    st1.executeUpdate(sql1);
    response.sendRedirect("u_imgdetails.jsp?id="+id+"&key="+key+"&sk="+sk+"");     }
connection.close();
```

```
        }

        catch(Exception e)

        {

                out.print(e);

        }
```

Viewresponce.jsp

```
                String user=(String)application.getAttribute("user");

                String pass=request.getParameter("pass");

                // String ptype=request.getParameter("ptype");


                try {    String sk="";

                        Statement st1 = connection.createStatement();

String query1 ="select * from user where (username='"+user+"' and password='"+pass+"' )";

                        ResultSet rs1=st1.executeQuery(query1);

                        if(rs1.next())

                        {Statement st = connection.createStatement();

                String query ="select status from searchreq where username='"+user+"'";

                                ResultSetrs=st.executeQuery(query);

                                if(rs.next())

                                {

                                        sk=rs.getString(1);

                                        if(sk.equalsIgnoreCase("generate key"))
```

```java
{
    String msg="Secret Key is not Generated wait";
    application.setAttribute("msg",msg);
    response.sendRedirect("viewskresponse.jsp?sk="+sk+"");
}
else
{String msg="Your secret Key is:";
    application.setAttribute("msg",msg);
    response.sendRedirect("viewskresponse.jsp?sk="+sk+"");
}}
else
{
    String msg="Sorry you are not requested.<br/>Please Send Request ";
    application.setAttribute("msg",msg);
    response.sendRedirect("sendsearchreq.jsp"); }
}
else
{
    String msg="Wrong Password.<br/>Please enter Correct Password ";
    application.setAttribute("msg",msg);
    response.sendRedirect("viewskresponse.jsp?sk="+sk+"");
}connection.close();
}
catch(Exception e){
    out.println(e.getMessage());}
```

DB Connection Code:

```
packagedatabasecon;

importjava.sql.Connection;

importjava.sql.DriverManager;

public class Dbconnection {

public static Connection getConnection() {

    Connection con = null;

try {

Class.forName("com.mysql.jdbc.Driver");

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/studentperformance", "root",
"root");

    } catch (Exception ex) {

ex.printStackTrace();

    }

return con;

  }

}
```

UploadServlet:

```java
public class UploadServlet extends HttpServlet {

public void doPost(HttpServletRequestreq, HttpServletResponse res) throws ServletException,
IOException {

    String resPath = "D:/Material";

    String status = "no";

PreparedStatementpstm = null;

PrintWriter out = res.getWriter();

try {

ResultSet rs1;

MultipartFormDataRequestnreq = new MultipartFormDataRequest(req);

        String user = (String) req.getSession().getAttribute("username");

        String appname = nreq.getParameter("appname");

        String name = nreq.getParameter("name");

         String k = nreq.getParameter("course");

    String l = nreq.getParameter("date");

    String m = nreq.getParameter("time");

    String n = nreq.getParameter("duration");

    String s=k+".jpg";

    String jj = s.toLowerCase();
```

```java
//  String mobile = nreq.getParameter("mobile");

UploadBeanupb = new UploadBean();

upb.setFolderstore(resPath);

upb.setOverwrite(false);

upb.store(nreq, "efile");

        Vector history = upb.getHistory();

ArrayList<String>filesName = new ArrayList<String>();

for (inti = 0; i<history.size(); i++) {

UploadParameters up = (UploadParameters) history.elementAt(i);

filesName.add(up.getFilename());

        }

System.out.println("material           " + filesName.get(0));

Class.forName("com.mysql.jdbc.Driver");

                                        Connection     con     =
DriverManager.getConnection("jdbc:mysql://localhost:3306/studentperformance",      "root",
"root");

pstm = con.prepareStatement("insert into details (course,dt, tm, du, fl,image)values(?,?,?,?,?,?)");

System.out.println("========================");

pstm.setString(1, k);

pstm.setString(2, l);

pstm.setString(3, m);

pstm.setString(4, n);
```

```java
pstm.setString(5, resPath + "/" + filesName.get(0));

pstm.setString(6, jj);


System.out.println("hi---------------");

//        rs1=mycall.executeQuery();

//        rs1=mycall.getResultSet();

inti = pstm.executeUpdate();

if (i>0) {

out.println("Successfully Uploaded ");


RequestDispatcherrs = req.getRequestDispatcher("addcoursedetails.jsp?m1=UplodedSucces");

rs.forward(req, res);

        } else {

out.println("File Upload Failed");

        }

    } catch (Exception e) {

RequestDispatcherrs = req.getRequestDispatcher("addcoursedetails.jsp?m3=Uploded Failed");

rs.forward(req, res);

    }

  }

}
```

Mail Code:

```java
public class Mail {

public static booleansecretMail(String msg, String userid, String to) {

    Properties props = new Properties();

props.put("mail.smtp.host", "smtp.gmail.com");

props.put("mail.smtp.socketFactory.port", "465");

props.put("mail.smtp.socketFactory.class",

        "javax.net.ssl.SSLSocketFactory");

props.put("mail.smtp.auth", "true");

props.put("mail.smtp.port", "465");

    // Assuming you are sending email from localhost

    Session session = Session.getDefaultInstance(props,

newjavax.mail.Authenticator() {

protectedPasswordAuthenticationgetPasswordAuthentication() {

return new PasswordAuthentication("projects9876@gmail.com", "projects123");

        }

    });

System.out.println("Message   " + msg);
```

```java
try {

        Message message = new MimeMessage(session);

message.setFrom(new InternetAddress(userid));

message.setRecipients(Message.RecipientType.TO,

InternetAddress.parse(to));

message.setSubject("Confirmation Meggage ");

message.setText(msg);

Transport.send(message);

System.out.println("Done");

return true;

    } catch (MessagingException e) {

System.out.println(e);

e.printStackTrace();

return false;

        // throw new RuntimeException(e);

    }   }}
```

DB Designer Code:

```java
public class register extends HttpServlet {

public void doGet(HttpServletRequest request, HttpServletResponse response)

throwsIOException{

response.setContentType("text/html;charset=UTF-8");
```

```java
PrintWriter out = response.getWriter();

    Connection con = null;

  Statement st = null;

 String username = request.getParameter("username");

 String password = request.getParameter("password");

 String email = request.getParameter("email");

 String dob = request.getParameter("dob");

 String gender = request.getParameter("gender");

 String mobile = request.getParameter("mobile");

 String address = request.getParameter("address");

try {

   Random s = new Random();

int a = s.nextInt(10000 - 5000) +25000 ;

System.out.print(a);

con = databasecon.getconnection();

st = con.createStatement();

inti = st.executeUpdate("insert into patient values ('" + username + "','" + password + "','" + email
+ "','" + dob + "','" + gender + "','" + mobile + "','"+address+"')");

if (i != 0) {

HttpSession session = request.getSession();

session.setAttribute("username", username);
```

```java
response.sendRedirect("owner.jsp?owner=success");

    } else {

response.sendRedirect("ownerreg.jsp?msgg=failed");

    }

  } catch (Exception ex) {

ex.printStackTrace();

  }

  }}
```

Login page:

```java
public class login {

publicbooleanloginv(String username, String pass, String a) throws SQLException {

    //String plainData = null, username = null;

Connection  con = databasecon.getconnection();

    Statement st = con.createStatement();

ResultSetrs = st.executeQuery("select * from "+a+" where username='"+username+"' and password='"+pass+"'");

if(rs.next())

    {                 return true;

    }

else{
```

```
        return false;

    }       }

  }
```