## *Source code*

## Authentication.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"))

{

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"))

{

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:**

package databasecon;

import java.sql.Connection;

import java.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:**

public class UploadServlet extends HttpServlet {

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

String resPath = "D:/Material";

String status = "no";

PreparedStatement pstm = null;

PrintWriter out = res.getWriter();

try {

ResultSet rs1;

MultipartFormDataRequest nreq = 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();

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

UploadBean upb = new UploadBean();

upb.setFolderstore(resPath);

upb.setOverwrite(false);

upb.store(nreq, "efile");

Vector history = upb.getHistory();

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

for (int i = 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);

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

pstm.setString(6, jj);

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

// rs1=mycall.executeQuery();

// rs1=mycall.getResultSet();

int i = pstm.executeUpdate();

if (i>0) {

out.println("Successfully Uploaded ");

RequestDispatcher rs = req.getRequestDispatcher("addcoursedetails.jsp?m1=Uploded Succes");

rs.forward(req, res);

} else {

out.println("File Upload Failed");

}

} catch (Exception e) {

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

rs.forward(req, res);

}

}

}

**Mail Code:**

public class Mail {

public static boolean secretMail(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,

new javax.mail.Authenticator() {

protected PasswordAuthentication getPasswordAuthentication() {

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

}

});

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

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:**

public class register extends HttpServlet {

public void doGet(HttpServletRequest request, HttpServletResponse response)

throws IOException{

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

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();

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

if (i != 0) {

HttpSession session = request.getSession();

session.setAttribute("username", username);

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

} else {

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

}

} catch (Exception ex) {

ex.printStackTrace();

}

}}

**Login page:**

public class login {

public boolean loginv(String username, String pass, String a) throws SQLException {

//String plainData = null, username = null;

Connection con = databasecon.getconnection();

Statement st = con.createStatement();

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

if(rs.next())

{ return true;

}

else{

return false;

} }

}