Newuser.java:

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.\*;

import java.text.SimpleDateFormat;

import java.util.Date;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

/\*\*

\*

\* @author jemi java

\*/

public class Newuser extends HttpServlet {

/\*\*

\* Processes requests for both HTTP <code>GET</code> and <code>POST</code> methods.

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

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

PrintWriter out = response.getWriter();

HttpSession session = request.getSession();

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

String names = request.getParameter("name");

String pwds = request.getParameter("pwd");

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

String mids = request.getParameter("mid");

Date date = new Date(session.getCreationTime());

SimpleDateFormat ft = new SimpleDateFormat("dd:MM:yyyy");

String dates = ft.format(date);

Date time = new Date(session.getCreationTime());

SimpleDateFormat ftm = new SimpleDateFormat("hh:mm:ss");

String times = ftm.format(time);

String ppkey=request.getParameter("attri");

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

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

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

String ss="normal";

String pkey="";

if(ppkey.equals("1"))

{

pkey=id;

}

else if(ppkey.equals("2"))

{

pkey=names;

}

else if(ppkey.equals("3"))

{

pkey=pwds;

}

else if(ppkey.equals("4"))

{

pkey=city;

}

else if(ppkey.equals("5"))

{

pkey=mids;

}

else if(ppkey.equals("6"))

{

pkey=dob;

}

else if(ppkey.equals("7"))

{

pkey=mobile;

}

else {

pkey=country;

}

try {

//Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

//Connection con = DriverManager.getConnection("jdbc:odbc:PSE");

//MODIFICATION 1...

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

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

//MODIFICATION 1 (END)...

PreparedStatement ps=con.prepareStatement("insert into register(id,name,password,city,mail,times,dates,pkey,status,dob,mobile,country)values(?,?,?,?,?,?,?,?,?,?,?,?)");

//PreparedStatement ps = con.prepareStatement("insert into Reg values ('a','a','a','a','a','a','a')");

ps.setString(1, id);

ps.setString(2, names);

ps.setString(3, pwds);

ps.setString(4, city);

ps.setString(5, mids);

ps.setString(6, times);

ps.setString(7, dates);

ps.setString(8, pkey);

ps.setString(9, ss);

ps.setString(10, dob);

ps.setString(11, mobile);

ps.setString(12, country);

int k = ps.executeUpdate();

if (k != 0) {

RequestDispatcher rd = request.getRequestDispatcher("Login.jsp");

request.setAttribute("msg1", "Your Account Successfully Registered..");

rd.forward(request, response);

} else {

RequestDispatcher rd = request.getRequestDispatcher("Newuser.jsp");

request.setAttribute("msg2", "try again");

rd.forward(request, response);

}

} catch (Exception e) {

e.printStackTrace();

System.out.println(e);

} finally {

out.close();

}

}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

/\*\*

\* Handles the HTTP <code>GET</code> method.

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Handles the HTTP <code>POST</code> method.

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Returns a short description of the servlet.

\* @return a String containing servlet description

\*/

@Override

public String getServletInfo() {

return "Short description";

}// </editor-fold>

}

Allow.java:

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

import com.mysql.jdbc.Connection;

import java.sql.\*;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.Date;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

/\*\*

\*

\* @author jemi java

\*/

public class allow extends HttpServlet {

/\*\*

\* Processes requests for both HTTP <code>GET</code> and <code>POST</code> methods.

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

public static String key;

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

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

PrintWriter out = response.getWriter();

try {

HttpSession session=request.getSession();

int a=5;

//Cloud Download =>start

//session.setAttribute("uname", s);

String name=(String) session.getAttribute("uname");

String Filename=(String) session.getAttribute("fname");

//error here....

//String FName=(String) request.getAttribute("FName");

//end..

Date now=new Date();

// String FileName= request.getParameter("s1");

//String user= request.getParameter("UseID");

//MODIFICATION 1 )...

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

// Connection con1 = (Connection) DriverManager.getConnection("jdbc:mysql://localhost:3306/decentralize", "root", "root");

// //MODIFICATION 1 (END)...

//

// String sa1="select \* from files where Filename='"+FileName.trim()+"'";

// PreparedStatement pr1=con1.prepareStatement(sa1);

// ResultSet rs1=pr1.executeQuery();

// if (rs1.next())

// {

// key=rs1.getString(10);

//

// }

// con1.close();

// pr1.close();

////MODIFICATION 1 )...

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

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

//MODIFICATION 1 (END)...

String sa2="Update files set auditor='verified' where filename='"+Filename+"'";

// String sa2="update request set Key='"+key+"' where userID='"+user.trim()+"'";

Statement st2=(Statement) con.createStatement();

int i= st2.executeUpdate(sa2);

//PreparedStatement pr=con.prepareStatement(sa);

//ResultSet rs=pr.executeQuery();

// String[] radio1=(String[]) request.getAttribute("upload");

//Download status end...

if(i!=0)

{

RequestDispatcher rd=request.getRequestDispatcher("Accessfile.jsp");

rd.forward(request, response);

con.close();

//Date d=(Date) request.getAttribute("TDate");

}

else{

RequestDispatcher rd=request.getRequestDispatcher("Accessfile.jsp");

rd.forward(request, response);

}

}

catch(Exception e)

{

System.out.println(e);

} finally {

out.close();

}

}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

/\*\*

\* Handles the HTTP <code>GET</code> method.

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Handles the HTTP <code>POST</code> method.

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Returns a short description of the servlet.

\* @return a String containing servlet description

\*/

@Override

public String getServletInfo() {

return "Short description";

}// </editor-fold>

}

Downloadfile.java

import Encryption.Java\_Decryption;

import java.sql.\*;

import com.mysql.jdbc.Connection;

import java.io.FileInputStream;

import java.io.FileOutputStream;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.Date;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

/\*\*

\*

\* @author jemi java

\*/

public class downloadfile extends HttpServlet {

/\*\*

\* Processes requests for both HTTP <code>GET</code> and <code>POST</code> methods.

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

public static int process=0;

private static void copyFileUsingFileStreams(String source, String dest) throws IOException

{

FileInputStream input = null;

FileOutputStream output = null;

try {

input = new FileInputStream(source);

output = new FileOutputStream(dest);

byte[] buf = new byte[1024];

int bytesRead;

while ((bytesRead = input.read(buf)) > 0) {

output.write(buf, 0, bytesRead);

}

} finally {

input.close();

output.close();

}

}

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

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

PrintWriter out = response.getWriter();

HttpSession session=request.getSession();

try {

int a=5;

process=0;

//Cloud Download =>start

//session.setAttribute("uname", s);

String name=(String) session.getAttribute("uname1");

String userid=(String) session.getAttribute("uid1");

//error here....

//String FName=(String) request.getAttribute("FName");

//end..

Date now=new Date();

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

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

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

//File Folder 3 and 4 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

String path1="D:/file/EUpload1/file2/"+File;

//String path2="C:/Users/jemi java/Documents/NetBeansProjects/Security and Privacy-Enhancing/CLOUD/Decrypt/"+radio1;

String path2="D:/file/Download/"+File;

//copyFileUsingFileStreams(path1, path2);

//Download status updation...

//MODIFICATION 2 )...

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

Connection con2 = (Connection) DriverManager.getConnection("jdbc:mysql://localhost:3306/decentralize", "root", "root");

//MODIFICATION 2 (END)...

String sa1="select \* from register where id='"+userid+"' and name='"+name+"' and pkey='"+PUser+"'";

PreparedStatement pr=con2.prepareStatement(sa1);

ResultSet rs=pr.executeQuery();

if (rs.next())

{

process=1;

}

con2.close();

pr.close();

if(process==1)

{

Java\_Decryption d=new Java\_Decryption();

d.fun2(path1, path2,POwner);

}

//MODIFICATION 1 )...

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

Connection con1 = (Connection) DriverManager.getConnection("jdbc:mysql://localhost:3306/decentralize", "root", "root");

//MODIFICATION 1 (END)...

//PreparedStatement ps=con.prepareStatement("update File1 set Upload='Uploaded' where userid='"+userid+"' and FileName='"+radio1+"'");

String sa2="update requestst set status='Downloaded' where userid='"+userid.trim()+"' and filename='"+File+"'";//+radio1.trim()+"'";

//

Statement st2=(Statement) con1.createStatement();

st2.executeUpdate(sa2);

//PreparedStatement pr=con.prepareStatement(sa);

//ResultSet rs=pr.executeQuery();

// String[] radio1=(String[]) request.getAttribute("upload");

con1.close();

//Download status end...

//session.setAttribute("", "Download Completed...");

RequestDispatcher rd=request.getRequestDispatcher("User.jsp");

if(process==0)

{

request.setAttribute("status", "Download Error...");

}

else

{

request.setAttribute("status", "Download Successfully...");

}

rd.forward(request, response);

//Date d=(Date) request.getAttribute("TDate");

}

catch(Exception e)

{

System.out.println(e);

} finally {

out.close();

}

}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

/\*\*

\* Handles the HTTP <code>GET</code> method.

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Handles the HTTP <code>POST</code> method.

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Returns a short description of the servlet.

\* @return a String containing servlet description

\*/

@Override

public String getServletInfo() {

return "Short description";

}// </editor-fold>

}