**DBConnection.java:**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.gcloud.db;

import java.sql.Connection;

import java.sql.DriverManager;

/\*\*

\*

\* @author Poojitha

\*/

public class DBConnection {

public static Connection con = null;

public static Connection getDBConnection(){

try {

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

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

if(con!=null){

return con;

}else{

System.out.println("Connection object is Null");

}

} catch (Exception e) {

System.out.println("DB Class Error");

e.printStackTrace();

}finally{

try {

//con.close();

} catch (Exception e) {

}

return con;

}

}

}

**AASLoginCheck.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.gcloud.actions;

import com.gcloud.db.DBConnection;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

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 Poojitha

\*/

public class AASLoginCheck 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();

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

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

Connection con = null;

PreparedStatement ps = null;

ResultSet rs = null;

String status = null;

String aaname = null;

HttpSession hs = request.getSession();

try {

con = DBConnection.getDBConnection();

String sqlQury = "select \* from aasregister where email = ? and pswd = ?";

ps = con.prepareStatement(sqlQury);

ps.setString(1, Email);

ps.setString(2, pswd);

rs = ps.executeQuery();

if(rs.next()){

aaname = rs.getString("patientname");

hs.setAttribute("aaName", aaname);

hs.setAttribute("aaEmail", Email);

status = rs.getString("status");

if(status.equalsIgnoreCase("Activated")){

response.sendRedirect("AASHome.jsp?msg=success");

}else if(status.equalsIgnoreCase("waiting")){

response.sendRedirect("AAS.jsp?msg=notactivated");

}

}else{

response.sendRedirect("AAS.jsp?msg=failed");

}

}catch(Exception ex){

ex.printStackTrace();

response.sendRedirect("AAS.jsp?msg=failed");

}

}

// <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>

}

**AASRegisterAction.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.gcloud.actions;

import com.gcloud.db.DBConnection;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.PreparedStatement;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\*

\* @author Poojitha

\*/

public class AASRegisterAction 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();

String patientName = request.getParameter("pname");

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

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

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

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

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

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

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

String status = "waiting";

String accessKey = "NotGenerated";

out.println("i know Your Password " + ppswd);

out.println("i know Your Password " + mobile);

Connection con = null;

PreparedStatement ps = null;

try {

con = DBConnection.getDBConnection();

String sqlQuery = "insert into aasregister(patientname,email,pswd,mobile,dob,gender,state,country,status,accesskey) values(?,?,?,?,?,?,?,?,?,?)";

ps = con.prepareStatement(sqlQuery);

ps.setString(1, patientName);

ps.setString(2, pemail);

ps.setString(3, ppswd);

ps.setString(4, mobile);

ps.setString(5, dob);

ps.setString(6, gender);

ps.setString(7, state);

ps.setString(8, country);

ps.setString(9, status);

ps.setString(10, accessKey);

int count = ps.executeUpdate();

if (count > 0) {

response.sendRedirect("AASRegister.jsp?msg=success");

} else {

response.sendRedirect("AASRegister.jsp?msg=failed");

}

} catch (Exception e) {

e.printStackTrace();

response.sendRedirect("AASRegister.jsp?msg=exist");

}finally{

try {

ps.close();

con.close();

} catch (Exception e) {

}

}

}

// <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>

}

**AuthorityLoginCheck.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.gcloud.actions;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\*

\* @author Poojitha

\*/

public class AuthirityLoginCheck 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();

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

String authpswd = request.getParameter("pswd");

if(authname.equalsIgnoreCase("Authority")&&authpswd.equalsIgnoreCase("Authority")){

response.sendRedirect("AuthorityHome.jsp?msg=success");

}else{

response.sendRedirect("Authority.jsp?msg=filed");

}

}

// <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>

}

**HSPLoginCheck.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

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\* and open the template in the editor.

\*/

package com.gcloud.actions;

import com.gcloud.db.DBConnection;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

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 Poojitha

\*/

public class HSPLoginCheck 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();

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

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

Connection con = null;

PreparedStatement ps = null;

ResultSet rs = null;

String status = null;

String hspname = null;

HttpSession hs = request.getSession();

try {

con = DBConnection.getDBConnection();

String sqlQury = "select status,patientname,role from hspregister where email = ? and pswd = ?";

ps = con.prepareStatement(sqlQury);

ps.setString(1, email);

ps.setString(2, pswd);

rs = ps.executeQuery();

if(rs.next()){

hspname = rs.getString("patientname");

hs.setAttribute("hspName", hspname);

hs.setAttribute("hspemail", email);

hs.setAttribute("hsprole", rs.getString("role"));

status = rs.getString("status");

if(status.equalsIgnoreCase("Activated")){

response.sendRedirect("HSPHome.jsp?msg=success");

}else if(status.equalsIgnoreCase("waiting")){

response.sendRedirect("HSP.jsp?msg=notactivated");

}

}else{

response.sendRedirect("HSP.jsp?msg=failed");

}

/\*if(rs.next()){

status = rs.getString(1);

}else{

response.sendRedirect("HSP.jsp?msg=notexist");

}

if(status.equalsIgnoreCase("activated")){

response.sendRedirect("HSPHome.jsp?msg=success");

}else{

response.sendRedirect("HSP.jsp?msg=notactivated");

}

\*/

}catch(Exception ex){

ex.printStackTrace();

response.sendRedirect("HSP.jsp?msg=notexist");

}

}

// <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>

}

**HSPRegisterAction.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.gcloud.actions;

import com.gcloud.db.DBConnection;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.PreparedStatement;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\*

\* @author Poojitha

\*/

public class HSPRegisterAction 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();

String patientName = request.getParameter("pname");

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

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

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

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

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

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

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

String status = "waiting";

String accessKey = "NotGenerated";

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

Connection con = null;

PreparedStatement ps = null;

try {

con = DBConnection.getDBConnection();

String sqlQuery = "insert into hspregister(patientname,email,pswd,mobile,dob,gender,state,country,status,accesskey,role) values(?,?,?,?,?,?,?,?,?,?,?)";

ps = con.prepareStatement(sqlQuery);

ps.setString(1, patientName);

ps.setString(2, pemail);

ps.setString(3, ppswd);

ps.setString(4, mobile);

ps.setString(5, dob);

ps.setString(6, gender);

ps.setString(7, state);

ps.setString(8, country);

ps.setString(9, status);

ps.setString(10, accessKey);

ps.setString(11, role);

int count = ps.executeUpdate();

if (count > 0) {

response.sendRedirect("HSPRegister.jsp?msg=success");

} else {

response.sendRedirect("HSPRegister.jsp?msg=failed");

}

} catch (Exception e) {

e.printStackTrace();

response.sendRedirect("HSPRegister.jsp?msg=exist");

}finally{

try {

ps.close();

con.close();

} catch (Exception e) {

}

}

}

// <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>

}

**PatientFileUpload.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.gcloud.actions;

import com.gcloud.db.DBConnection;

import java.io.IOException;

import java.io.InputStream;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.PreparedStatement;

import javax.servlet.ServletException;

import javax.servlet.annotation.MultipartConfig;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import javax.servlet.http.Part;

/\*\*

\*

\* @author Poojitha

\*/

@MultipartConfig

public class PatientFileUpload extends HttpServlet {

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

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

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

String hsptl = request.getParameter("Hospital");

String dctr = request.getParameter("Doctor");

String srgen = request.getParameter("Surgen");

String insurance = request.getParameter("Insurance");

Part filePart = request.getPart("file");

InputStream is = filePart.getInputStream();

//String fileName = filePart.getSubmittedFileName();

HttpSession hs = request.getSession();

String pemail = hs.getAttribute("pemail").toString();

System.out.println("File Name "+filename);

System.out.println(hsptl+"<->"+dctr+"<->"+srgen+"<->"+insurance);

StringBuffer accessPermission = new StringBuffer();

if (hsptl!=null){

accessPermission.append(hsptl+" ");

}

if(dctr!=null){

accessPermission.append(dctr+" ");

}

if(srgen!=null){

accessPermission.append(srgen+" ");

}

if(insurance!=null){

accessPermission.append(insurance+" ");

}

String accessity = accessPermission.toString();

// String [] slice = s1.split(" ");

//System.out.println("Kattamma kathi "+slice[0]);

Connection con = null;

PreparedStatement ps = null;

java.sql.Date cDate = new java.sql.Date(new java.util.Date().getTime());

try {

con = DBConnection.getDBConnection();

String sqlQuery = "insert into patientfiles(pemail,filename,accessibility,cdate,cfile) values(?,?,?,?,?)";

ps = con.prepareStatement(sqlQuery);

ps.setString(1, pemail);

ps.setString(2, filename);

ps.setString(3,accessity);

ps.setDate(4, cDate);

ps.setBinaryStream(5, is);

int no = ps.executeUpdate();

if(no>0){

response.sendRedirect("fileupload.jsp?msg=success");

}else{

response.sendRedirect("fileupload.jsp?msg=failed");

}

is.close();

}catch(Exception ex){

System.out.println(" Error at "+ex.getMessage());

response.sendRedirect("fileupload.jsp?msg=failed");

}finally{

try {

ps.close();

con.close();

} catch (Exception e) {

}

}

}

@Override

public String getServletInfo() {

return "Short description";

}// </editor-fold>

}

**PatientLoginCheck.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.gcloud.actions;

import com.gcloud.db.DBConnection;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

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 Poojitha

\*/

public class PatientLoginCheck 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();

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

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

HttpSession hs = request.getSession();

Connection con = null;

PreparedStatement ps = null;

ResultSet rs = null;

String status = null;

try {

con = DBConnection.getDBConnection();

String sqlQury = "select status from patientregister where email = ? and pswd = ?";

ps = con.prepareStatement(sqlQury);

ps.setString(1, patientEmail);

ps.setString(2, pswd);

rs = ps.executeQuery();

if(rs.next()){

status = rs.getString(1);

if(status.equalsIgnoreCase("Activated")){

hs.setAttribute("pemail", patientEmail);

response.sendRedirect("PatientHome.jsp?msg=success");

}else{

response.sendRedirect("Patient.jsp?msg=notactivated");

}

}else{

response.sendRedirect("Patient.jsp?msg=failed");

}

}catch(Exception ex){

ex.printStackTrace();

response.sendRedirect("Patient.jsp?msg=notexist");

}

}

// <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>

}

**PatientRegisterAction.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.gcloud.actions;

import com.gcloud.db.DBConnection;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.PreparedStatement;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\*

\* @author Poojitha

\*/

public class PatientRegisterAction 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();

String patientName = request.getParameter("pname");

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

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

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

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

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

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

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

String status = "waiting";

String accessKey = "NotGenerated";

out.println("i know Your Password " + ppswd);

out.println("i know Your Password " + mobile);

Connection con = null;

PreparedStatement ps = null;

try {

con = DBConnection.getDBConnection();

String sqlQuery = "insert into patientregister(patientname,email,pswd,mobile,dob,gender,state,country,status,accesskey) values(?,?,?,?,?,?,?,?,?,?)";

ps = con.prepareStatement(sqlQuery);

ps.setString(1, patientName);

ps.setString(2, pemail);

ps.setString(3, ppswd);

ps.setString(4, mobile);

ps.setString(5, dob);

ps.setString(6, gender);

ps.setString(7, state);

ps.setString(8, country);

ps.setString(9, status);

ps.setString(10, accessKey);

int count = ps.executeUpdate();

if (count > 0) {

response.sendRedirect("PatientRegister.jsp?msg=success");

} else {

response.sendRedirect("PatientRegister.jsp?msg=failed");

}

} catch (Exception e) {

e.printStackTrace();

response.sendRedirect("PatientRegister.jsp?msg=exist");

}finally{

try {

ps.close();

con.close();

} catch (Exception e) {

}

}

}

// <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>

}

**AccessKeyGenerations.java**

/\*

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\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.gcloud.utility;

import java.security.SecureRandom;

import java.util.Random;

/\*\*

\*

\* @author Poojitha

\*/

public class AccessKeyGenerations {

static final private String ALPHABET = "ABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789abcdefghijklmnopqrstuvwxyz";

final private Random rng = new SecureRandom();

char randomChar() {

return ALPHABET.charAt(rng.nextInt(ALPHABET.length()));

}

public String randomUUID(int length, int spacing, char spacerChar) {

StringBuilder sb = new StringBuilder();

int spacer = 0;

while (length > 0) {

if (spacer == spacing) {

sb.append(spacerChar);

spacer = 0;

}

length--;

spacer++;

sb.append(randomChar());

}

return sb.toString();

}

public static void main(String[] args) {

AccessKeyGenerations gsk = new AccessKeyGenerations();

char spacerChar = 'D';

String key = gsk.randomUUID(15, 0, spacerChar);

System.out.println("Key "+key+" And its Length is "+key.length());

}

}

**SendingMails.java**

/\*

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\* and open the template in the editor.

\*/

package com.gcloud.utility;

import java.util.Properties;

import javax.mail.Message;

import javax.mail.MessagingException;

import javax.mail.PasswordAuthentication;

import javax.mail.Session;

import javax.mail.Transport;

import javax.mail.internet.InternetAddress;

import javax.mail.internet.MimeMessage;

/\*\*

\*

\* @author Ramu Maloth

\*/

public class SendingMails {

public static boolean sendMail(String msg, String sub,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("datapointprojects13@gmail.com","lx160cm@1");

}

});

//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(sub);

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);

}

}

}