**DatabaseConnection:**

**public** String lists() **throws** SQLException {

String result = "";

**boolean** success = **false**;

**try**{

String connectionURL = "jdbc:mysql://localhost:3306/urs";

Connection connect = **null**;

Statement statement = **null**;

ResultSet resultSet = **null**;

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

connect = DriverManager.*getConnection*("jdbc:mysql://localhost/urs?user=root&password=root");

statement= connect.createStatement();

String querry6="Select \* from student";

ResultSet rs =statement.executeQuery(querry6);

**while** (rs.next()) {

success = **true**;

System.*out*.println(rs.getString("SJSUID") + " "

+ rs.getString("FName") + " "

+ rs.getString("LName")+ " "

+ rs.getString("City")+ " "

+ rs.getString("State")+ " "

+ rs.getString("ZIP")+ " "

+ rs.getString("Department")+ " "

+ rs.getString("CCompleted")")+ " "

+ rs.getString("CEnrolled"));

result += rs.getString("SJSUID") + "/"

+ rs.getString("FName") + "/"

+ rs.getString("LName")+ "/"

+ rs.getString("City")+ "/"

+ rs.getString("State")+ "/"

+ rs.getString("ZIP")+ "/"

+ rs.getString("Department")+ "/"

+ rs.getString("CCompleted")")+ "/"

+ rs.getString("CEnrolled");

result += "!";

}

}

**catch** (SQLException e)

{

e.printStackTrace();

}

**catch** (InstantiationException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

} **catch** (IllegalAccessException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

} **catch** (ClassNotFoundException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

**if**(success)

**return** result;

**else**

**return** "false: No Records found";

}

**Service class – Student:**

**public** String lists() **throws** SQLException {

String result="";

**try** {

database db = **new** database();

result = db.lists();

}

**catch** (SQLException e)

{

e.printStackTrace();

}

**return** result;

}

**listStudentServlets:**

**package** Servlets;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.rmi.RemoteException;

**import** java.util.\*;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

**import** DefaultNamespace.ListStudentProxy;

**import** java.lang.Object;

//import listStudent;

**import** javax.servlet.RequestDispatcher;

/\*\*

\* Servlet implementation class listStudentServlets

\*/

**public** **class** listStudentServlets **extends** HttpServlet {

**private** **static** **final** **long** *serialVersionUID* = 1L;

DefaultNamespace.ListStudentProxy proxy = **new** DefaultNamespace.ListStudentProxy();

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** listStudentServlets() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

}

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

**protected** **void** doPost(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

// **TODO** Auto-generated method stub

PrintWriter out = response.getWriter();

response.setContentType("text/html");

System.*out*.println("search servlet");

**try**{

proxy.setEndpoint("http://localhost:8080/US/services/Student");

String result = proxy.lists();

System.*out*.println(result);

request.setAttribute("studentList", result);

RequestDispatcher view = request.getRequestDispatcher("listStudentOutput.jsp");

view.forward(request, response);

}

**catch**( Exception e)

{

e.printStackTrace();

}

}

}

**listStudentOutput.jsp:**

%@ page import = *"Servlets.listStudentServlets"* %>

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

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<%@ page import=*"java.sql.\*"* %>

<%@ page import=*"java.io.\*"* %>

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=ISO-8859-1"*>

<title>DisplayStudents</title>

<script type=*"text/javascript"*>

**function** Search() {

**var** studentList = document.getElementById('studentList');

}

</script>

</head>

<body>

<h4> All Student details</h4>

<%

String s = request.getAttribute("studentList").toString();

// System.out.println(s);

%>

<table class=*"tazble2"* border=*"1"* align=*"center"*>

<tr>

<th>SJSU ID</th>

<th>First Name</th>

<th>Last Name</th>

<th>Street</th>

<th>City</th>

<th>State</th>

<th>ZIP</th>

<th>Department</th>

<th>Courses Completed</th>

<th>Courses Enrolled</th>

</tr>

<%

String[] eachrow = s.split("!");

String eachcolumn ="";

**for**(**int** i=0; i<eachrow.length; i++) {

eachcolumn = eachrow[i];

String[] columns = eachcolumn.split("/");

/\*for(int j=0; j<eachrow.length; j++) {

document.write("<tr><td>"+columns[0]+"</td></tr>");

document.write("<tr><td>"+columns[1]+"</td></tr>");

document.write("<tr><td>"+columns[2]+"</td></tr>");

}

\*/

%>

<tr>

<td> <%= columns[0] %> </td>

<td> <%= columns[1] %> </td>

<td> <%= columns[2] %> </td>

<td> <%= columns[3] %> </td>

<td> <%= columns[4] %> </td>

<td> <%= columns[5] %> </td>

<td> <%= columns[6] %> </td>

<td> <%= columns[7] %> </td>

<td> <%= columns[8] %> </td>

<td> <%= columns[9] %> </td>

</tr>

<% }%>

</table>

</body>

</html>