**package** com.verizon.employees.beans;

**public** **class** Employee {

**private** **int** ecode;

**private** String ename;

**private** **double** salary;

**public** **int** getEcode() {

**return** ecode;

}

**public** **void** setEcode(**int** ecode) {

**this**.ecode = ecode;

}

**public** String getEname() {

**return** ename;

}

**public** **void** setEname(String ename) {

**this**.ename = ename;

}

**public** **double** getSalary() {

**return** salary;

}

**public** **void** setSalary(**double** salary) {

**this**.salary = salary;

}

}

package com.verizon.employees.dao;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.ArrayList;

import java.util.List;

import com.verizon.employees.beans.Employee;

public class EmployeeDAO {

private Connection con;

private PreparedStatement pst;

private ResultSet rs;

public void getDBConnection(){

try {

Class.forName("oracle.jdbc.OracleDriver");

String url="jdbc:oracle:thin:@localhost:1521:orcl";

con=DriverManager.getConnection(url,"scott","tiger");

} catch (ClassNotFoundException | SQLException e) {

e.printStackTrace();

}

}

public void close(){

try{

con.close();

} catch (SQLException e) {

e.printStackTrace();

}

}

public void addEmployee(Employee emp){

getDBConnection();

try {

pst=con.prepareStatement("insert into emp2 values(?,?,?)");

pst.setInt(1, emp.getEcode());

pst.setString(2, emp.getEname());

pst.setDouble(3, emp.getSalary());

pst.executeUpdate();

} catch (SQLException e) {

e.printStackTrace();

}

}

public void updateEmployee(Employee emp){

getDBConnection();

try {

pst=con.prepareStatement("update emp2 set name=? where code=?");

pst.setString(1, emp.getEname());

pst.setInt(2, emp.getEcode());

pst.executeUpdate();

} catch (SQLException e) {

e.printStackTrace();

}

}

public List<Employee> viewEmployee(){

getDBConnection();

List<Employee> employees=new ArrayList<>();

Employee emp;

try {

pst=con.prepareStatement("select \* from emp2");

rs=pst.executeQuery();

while(rs.next()){

emp=new Employee();

emp.setEcode(rs.getInt(1));

emp.setEname(rs.getString(2));

emp.setSalary(rs.getDouble(3));

employees.add(emp);

}

} catch (SQLException e) {

e.printStackTrace();

}

return employees;

}

}

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"LoginValidate"*>

Username: <input type=*"text"* name=*"uname"*><br>

Password: <input type=*"text"* name=*"pswd"*><br>

<input type=*"submit"*>

</form>

</body>

</html>

package test;

import java.io.IOException;

import java.io.PrintWriter;

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;

/\*\*

\* Servlet implementation class LoginValidate

\*/

public class LoginValidate extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

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

\*/

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

PrintWriter out=response.getWriter();

HttpSession session=request.getSession(true);

session.setAttribute("status","1");

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

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

RequestDispatcher rd;

if(username.equals("admin") && pwd.equals("admin")){

rd=request.getRequestDispatcher("Admin.html");

rd.forward(request, response);

}

else if(username.equals(null) || pwd.equals(null)){

out.println("Username & password do not match");

rd=request.getRequestDispatcher("login.html");

rd.include(request, response);

}

else{

rd=request.getRequestDispatcher("User.html");

rd.forward(request, response);

}

}

}

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<a href=*"Employee1.html"*>Add Employee</a>

<a href=*"ViewEmployee2"*>View Employee</a>

<a href=*"UpdateEmployee1.html"*>Update Employee</a>

<a href=*"Logout"*>Log Out</a>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<a href=*"ViewEmployee2"*>View Employee</a>

<a href=*"Logout"*>Log Out</a>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"AddEmployee1"* method=*"get"*>

Enter code<input type=*"text"* name=*"ecode"*><br>

Enter name<input type=*"text"* name=*"ename"*><br>

Enter salary<input type=*"text"* name=*"salary"*><br>

<input type=*"submit"*>

</form>

</body>

</html>

package test;

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;

import com.verizon.employees.beans.Employee;

import com.verizon.employees.dao.EmployeeDAO;

/\*\*

\* Servlet implementation class AddEmployee1

\*/

public class AddEmployee1 extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

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

\*/

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

PrintWriter out=response.getWriter();

int ecode=Integer.parseInt(request.getParameter("ecode"));

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

double salary=Double.parseDouble(request.getParameter("salary"));

Employee emp=new Employee();

emp.setEcode(ecode);

emp.setEname(ename);

emp.setSalary(salary);

EmployeeDAO dao=new EmployeeDAO();

dao.addEmployee(emp);

out.println("record inserted");

}

}

package test;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import com.verizon.employees.beans.Employee;

import com.verizon.employees.dao.EmployeeDAO;

/\*\*

\* Servlet implementation class ViewEmployee2

\*/

public class ViewEmployee2 extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

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

\*/

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

PrintWriter out=response.getWriter();

EmployeeDAO dao=new EmployeeDAO();

List<Employee> empls=dao.viewEmployee();

out.println("<html><body>");

out.println("<table border=2>");

out.println("<tr><th>EMPL CODE<th>EMPL NAME<th>SALARY</th></tr>");

for(Employee e:empls){

out.println("<tr>");

out.println("<td>"+e.getEcode());

out.println("<td>"+e.getEname());

out.println("<td>"+e.getSalary());

out.println("</tr>");

}

out.println("</table></body></html>");

}

}

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"UpdateEmployee"* method=*"get"*>

Enter name<input type=*"text"* name=*"ename"*><br>

Enter code<input type=*"text"* name=*"ecode"*><br>

<input type=*"submit"*>

</form>

</body>

</html>

package test;

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;

import com.verizon.employees.beans.Employee;

import com.verizon.employees.dao.EmployeeDAO;

/\*\*

\* Servlet implementation class UpdateEmployee

\*/

public class UpdateEmployee extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

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

\*/

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

PrintWriter out=response.getWriter();

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

int ecode=Integer.parseInt(request.getParameter("ecode"));

Employee emp=new Employee();

emp.setEname(ename);

emp.setEcode(ecode);

EmployeeDAO dao=new EmployeeDAO();

dao.updateEmployee(emp);

out.println("record updated");

}

}

package test;

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;

import javax.servlet.http.HttpSession;

import javax.websocket.Session;

import org.apache.catalina.manager.util.SessionUtils;

/\*\*

\* Servlet implementation class Logout

\*/

public class Logout extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

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

\*/

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

PrintWriter out=response.getWriter();

HttpSession session=request.getSession();

if(session.getAttribute("status")=="1"){

session.removeAttribute("status");

session.invalidate();

}

response.sendRedirect("login.html");

}

}