package com.example;

import java.io.IOException;

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 org.hibernate.Session;

import org.hibernate.SessionFactory;

import java.io.IOException;

import java.io.InputStream;

import java.io.PrintWriter;

import java.math.BigDecimal;

import java.sql.CallableStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.List;

import java.util.Properties;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import com.example.Pets;

@WebServlet("/PetShop")

public class PetsServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public PetsServlet() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

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

\*/

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

// TODO Auto-generated method stub

try {

SessionFactory factory = HibernateUtil.getSessionFactory();

Session session = factory.openSession();

// using HQL

List<Pets> list = session.createQuery("from pets", Pets.class).list();

session.close();

PrintWriter out = response.getWriter();

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

out.println("<b>Product Listing</b><br>");

for(Pets p: list) {

out.println("ID: " + String.valueOf(p.getId()) + ", Name: " + p.getName() +

", Price: " + String.valueOf(p.getPrice()) + ", Color: " + p.getColor().toString() + "<br>");

}

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

} catch (Exception ex) {

throw ex;

}

}

/\*\*

\* @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();

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

out.println("<b>Adding Pet</b> " + request.getParameter("name") + "<br>");

out.println("<a href='index.jsp'>Return to Main</a><br>");

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

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

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

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

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

String petPrice = String.format("%.0f", price);

HttpSession session = request.getSession(true);

try {

PetShopDAO PetShopDAO = new PetShopDAO();

PetShopDAO.addPet(name, color, petPrice);

response.sendRedirect("Success");

} catch(Exception e) {

System.err.println("doPost");

e.printStackTrace();

}

//TODO: Take all parameters from post, and use hibernate to insert new pet.

// Then you need to print out some confirmation as to the the success/failure.

// You also need to validate your input and not allow missing / NULL data.

//doGet(request, response);

}

}