package com.academy;

import java.io.IOException;

import java.util.List;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class StudentServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

public StudentServlet() {

super();

}

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

doPost(req, resp);

}

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

try {

String userAction = request.getParameter("userAction") == null? "":request.getParameter("userAction");

switch (userAction) {

case "ADD":

addStudent(request, response);

break;

default:

listStudents(request, response);

}

}

catch (Exception exc) {

throw new ServletException(exc);

}

}

private void addStudent(HttpServletRequest request, HttpServletResponse response) throws Exception {

String studentId = request.getParameter("studId");

String studentName = request.getParameter("studName");

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

QueryUtil.addStudent(studentId, studentName, className);

response.sendRedirect(request.getContextPath() + "/StudentServlet?userAction=LIST");

}

private void listStudents(HttpServletRequest request, HttpServletResponse response) throws Exception{

List<Student> students = QueryUtil.getStudents();

request.setAttribute("LIST\_STUDENTS", students);

RequestDispatcher dispatcher = request.getRequestDispatcher("student.jsp");

dispatcher.forward(request, response);

}

}