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 SubjectServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

public SubjectServlet() {

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":

addSubject(request, response);

break;

default:

listSubjects(request, response);

}

}

catch (Exception exc) {

throw new ServletException(exc);

}

}

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

String subjectName = request.getParameter("subjName");

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

QueryUtil.addSubject(subjectName, description);

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

}

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

List<String> subjects = QueryUtil.getSubjects();

request.setAttribute("LIST\_SUBJECTS", subjects);

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

dispatcher.forward(request, response);

}

}