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package Web;

import java.io.IOException;

import javax.servlet.RequestDispatcher;
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 DB.DB_Info;
import java.sql.*;

/**
 * Servlet implementation class Edit
 */
@WebServlet("/edit")
public class Edit extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public Edit() {
        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
        response.getWriter().append("Served at:
").append(request.getContextPath());
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request,
     HttpServletResponse
     response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse
    response)
        throws ServletException, IOException {
        // TODO Auto-generated method stub

        String page = "";
        if (request.getParameter("assign") != null) {

            try {

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        DB_Info db = new DB_Info();

        Connection conn = db.getConnection();
        Statement stmt = conn.createStatement();
        ResultSet rs;
        String ClassNumber =
request.getParameter("classNum");
        String ClassTime =
request.getParameter("classTime");
        String SubName =
request.getParameter("SubjectName");

        rs = stmt.executeQuery("UPDATE subject SET class = "
+ Integer.parseInt(ClassNumber) + " , time = "
+ Integer.parseInt(ClassTime) + "
WHERE subject.sub = '" + SubName + "'");

    } catch (Exception ex) {
        System.out.println(ex.getMessage().toString());

        page = "Editing.jsp";
    } finally {
        page = "Editing.jsp";
    }

    RequestDispatcher dd = request.getRequestDispatcher(page);
    dd.forward(request, response);
} else if (request.getParameter("assignNTeacher") != null) {
    try {
        DB_Info db = new DB_Info();

        Connection conn = db.getConnection();
        Statement stmt = conn.createStatement();
        ResultSet rs;
        String TeacherID =
request.getParameter("TeacherID");
        String TeacherName =
request.getParameter("TeacherName");
        String classNumber =
request.getParameter("classNumber");
        String classTime =
request.getParameter("classTime");

        rs = stmt.executeQuery("UPDATE teachers SET class = "
+ classNumber + " , time = " + classTime
+ " where ID = " + TeacherID + " and
Name = '" + TeacherName + "'");

    } catch (Exception ex) {
        System.out.println(ex.getMessage().toString());

        page = "Editing.jsp";
    } finally {

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        page = "Editing.jsp";
    }

    RequestDispatcher dd = request.getRequestDispatcher(page);
    dd.forward(request, response);
} else if (request.getParameter("GetBack") != null)

    try {
        page = "HomePage.jsp";
    } catch (Exception ex) {
        System.out.println(ex.getMessage().toString());

        page = "Editing.jsp";
    }
    RequestDispatcher dd = request.getRequestDispatcher(page);
    dd.forward(request, response);
}

}
```