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package com.loginapp;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;

import jakarta.servlet.RequestDispatcher;
import jakarta.servlet.ServletConfig;
import jakarta.servlet.ServletException;
import jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;
import jakarta.servlet.http.HttpSession;

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

    /**
     * @see HttpServlet#HttpServlet()
     */
    public Login() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see Servlet#init(ServletConfig)
     */
    public void init(ServletConfig config) throws ServletException {
        // TODO Auto-generated method stub
    }

    /**
     * @see Servlet#destroy()
     */
    public void destroy() {
        // TODO Auto-generated method stub
    }

    /**
     * @see HttpServlet#service(HttpServletRequest request, HttpServletResponse
     * response)
     */
    protected void service(HttpServletRequest request, HttpServletResponse
    response)
        throws ServletException, IOException {

        String emailId = request.getParameter("user_email");
        String password = request.getParameter("user_password");

        response.setContentType("text/html");

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        PrintWriter out = response.getWriter();
        RequestDispatcher rd;

        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/OnlineQuiz", "root",
"12345");

            PreparedStatement preparedStatement = con
                .prepareStatement("SELECT * FROM User WHERE
(uEmail=? AND uPassword=?);");
            preparedStatement.setString(1, emailId);
            preparedStatement.setString(2, password);
            ResultSet rs = preparedStatement.executeQuery();

            if (rs.next()) {
                if (rs.getString("uEmail").equals("admin@gmail.com")) {
                    response.sendRedirect("AdminWelcomePage.html");
                } else {
                    HttpSession session = request.getSession();
                    session.setAttribute("userEmail",
rs.getString("uEmail"));
                    session.setAttribute("userName",
rs.getString("uName"));
                    response.sendRedirect("UserWelcomePage.html");
                }
            } else {
                out.print(
                    "    <div style=\"width: 100%; margin-top:
3%; text-align: center; color: red; font-size: 40px;\">\r\n"
                    + "    <h6>Invalid Email
id and password.....</h6>\r\n" + "    </div>");
                rd = request.getRequestDispatcher("/LoginPage.html");
                rd.include(request, response);
            }
        } catch (Exception ex) {
            ex.printStackTrace();
        }
    }
}

```