import java.sql.Connection;

import javax.servlet.ServletRequest;

import javax.servlet.http.Cookie;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

public class MyUtils {

public static final String ATT\_NAME\_CONNECTION = "ATTRIBUTE\_FOR\_CONNECTION";

private static final String ATT\_NAME\_USER\_NAME = "ATTRIBUTE\_FOR\_STORE\_USER\_NAME\_IN\_COOKIE";

// Store Connection in request attribute.

// (Information stored only exist during requests)

public static void storeConnection(ServletRequest request, Connection conn) {

request.setAttribute(ATT\_NAME\_CONNECTION, conn);

}

// Get the Connection object has been stored in attribute of the request.

public static Connection getStoredConnection(ServletRequest request) {

Connection conn = (Connection) request.getAttribute(ATT\_NAME\_CONNECTION);

return conn;

}

// Store user info in Session.

public static void storeLoginedUser(HttpSession session, UserAccount loginedUser) {

// On the JSP can access via ${loginedUser}

session.setAttribute("loginedUser", loginedUser);

}

// Get the user information stored in the session.

public static UserAccount getLoginedUser(HttpSession session) {

UserAccount loginedUser = (UserAccount) session.getAttribute("loginedUser");

return loginedUser;

}

// Store info in Cookie

public static void storeUserCookie(HttpServletResponse response, UserAccount user) {

System.out.println("Store user cookie");

Cookie cookieUserName = new Cookie(ATT\_NAME\_USER\_NAME, user.getUserName());

// 1 day (Converted to seconds)

cookieUserName.setMaxAge(24 \* 60 \* 60);

response.addCookie(cookieUserName);

}

public static String getUserNameInCookie(HttpServletRequest request) {

Cookie[] cookies = request.getCookies();

if (cookies != null) {

for (Cookie cookie : cookies) {

if (ATT\_NAME\_USER\_NAME.equals(cookie.getName())) {

return cookie.getValue();

}

}

}

return null;

}

// Delete cookie.

public static void deleteUserCookie(HttpServletResponse response) {

Cookie cookieUserName = new Cookie(ATT\_NAME\_USER\_NAME, null);

// 0 seconds (This cookie will expire immediately)

cookieUserName.setMaxAge(0);

response.addCookie(cookieUserName);

}

}