

```
package fi.paatti.mobile.paattiapplication;

import com.github.wolfie.sessionguard.SessionGuard;
import com.vaadin.Application;
import com.vaadin.terminal.gwt.server.HttpServletRequestListener;
import com.vaadin.ui.Window;
import fi.paatti.mobile.applicationinfo.ViewIds;
import fi.paatti.paattidatabaseutils.dbService.PaattiDBService;
import fi.paatti.paattidatabaseutils.dbService.PaattiMobileDBService;
import fi.paatti.paattiloginutils.LoginHelper;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 * The Application's "main" class.
 * <p/>
 * @author Lauri Satokangas, lauri.n.satokangas@student.jyu.fi
 * @author Toni Salminen
 * @date 28.2.2012
 */
public class PaattiApplication extends Application implements HttpServletRequestListener {

    private static final long serialVersionUID = 1L;
    private Window mainWindow;
    private MobileViewHandler viewHandler;
    private String THEME_NAME = "mobile";
    private final SessionGuard sessionGuard = new SessionGuard();
    // Projektihuoneen palvelin.
    // private final PaattiMobileDBService db = new PaattiDBService("130.234.167.39", "paattitesti", "ptesti", "ptesti");
    // Virtuaalipalvelin
    private final PaattiMobileDBService db = new PaattiDBService("mysql4.cc.jyu.fi", "paatti", "paatti",
        "pzHwHJPepe8VaUts");

    private LoginHelper user = null;

    private HttpServletResponse response;
    private HttpServletRequest request;

    @Override
    public void init() {
        user = new LoginHelper((PaattiDBService) db, request, response);

        setTheme(THEME_NAME);
        sessionGuard.setKeepalive(true);
    }
}
```

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mainWindow = new Window("Paatti");
mainWindow.setSizeFull();
mainWindow.setImmediate(true);

mainWindow.addComponent(sessionGuard);
mainWindow.addListener(new Window.ResizeListener() {

    private static final long serialVersionUID = 1L;

    /**
     * When the window resizes the new height is send to the current view.
     */
    @Override
    public void windowResized(Window.ResizeEvent e) {
        int height = (int) getMainWindow().getHeight();

        viewHandler.setWindowHeight(height);
    }
});
viewHandler = new MobileViewHandler(mainWindow, db, user);
viewHandler.setContentView(ViewIds.LOGINVIEW);

setMainWindow(mainWindow);

@Override
public void onRequestStart(HttpServletRequest request, HttpServletResponse response) {
    this.response = response;
    this.request = request;
    if (user != null) {
        user.setResponse(response);
        user.setRequest(request);
    }
}

@Override
public void onRequestEnd(HttpServletRequest request, HttpServletResponse response) {}
}
```