

```
package fi.paatti.mobile.views.loginview;

import com.vaadin.ui.Alignment;
import com.vaadin.ui.LoginForm;
import com.vaadin.ui.LoginForm.LoginEvent;
import fi.paatti.mobile.applicationinfo.ViewIds;
import fi.paatti.mobile.mobileview.MobileViewLogic;
import fi.paatti.mobile.paattiapplication.MobileViewHandler;
import fi.paatti.mobile.views.mobilecontentview.MobileContentView;
import fi.paattidatabaseutils.dbobjects.User;
import fi.paattiloginutils.CookieInfo;
import fi.paatti.paattiloginutils.LoginHelper;
import fi.paatti.paattiloginutils.RoleNames;

/**
 * A view for logging in to the application.
 * <p/>
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 */
public class LoginView extends MobileContentView {

    private static final long serialVersionUID = 1L;
    private final MobileViewHandler viewHandler;
    private LoginForm loginForm;
    private final LoginHelper loginHelper;

    /**
     * Constructor.
     * @param viewHandler The applications view handler.
     */
    public LoginView(MobileViewHandler viewHandler) {
        this.viewHandler = viewHandler;
        createUi();
        loginHelper = viewHandler.getLoginHelper();
    }

    /**
     * Create the user interface.
     */
    private void createUi() {
        updateFooterAndHeader();
    }
}
```

```
createLoginForm();
addComponent(loginForm);
setComponentAlignment(loginForm, Alignment.MIDDLE_CENTER);

this.setSizeFull();
}

/**
 * Create the loginform component.
 */
private void createLoginForm() {
    loginForm = new LoginForm();
    loginForm.setSizeUndefined();

    loginForm.setLoginButtonCaption("Kirjautu sisään");
    loginForm.setPasswordCaption("Salasana");
    loginForm.setUsernameCaption("Käyttäjätunnus");

    loginForm.addListener(
        new LoginForm.LoginListener() {

            private static final long serialVersionUID = 1L;

            @Override
            public void onLogin(LoginEvent event) {
                String username = event.getLoginParameter("username");
                String password = event.getLoginParameter("password");
                User user = loginHelper.getUser(username, password);

                if (user != null && user.hasRoleInAnyGroup(RolesNames.ROLE_PATIENT)) {
                    loginHelper.setLoginCookie(CookieInfo.COOKIE_MOBILE_USERNAME, username, CookieInfo.COOKIE_MOBILE_PASSWORD,
                        password, CookieInfo.COOKIE_MOBILE_PATH, CookieInfo.COOKIE_MOBILE_LIFETIME);
                    viewHandler.setUser(user);
                    viewHandler.setContentView(ViewIds.MAINMENUVIEW);
                } else {
                    viewHandler.showNotification("Kirjautuminen ei onnistunut. Tarkista käyttäjätunnus ja salasana.", 120, true);
                }
            }
        }
    );
}

@Override
public void setContentViewLogic(MobileViewLogic logic) { // Not in use.
}
```

```
@Override
public void updateFooterAndHeader() {
    viewHandler.setHeaderText("Kirjaudu sisään");

    viewHandler.setFooterButtonEnabled(FOOTER_BUTTON_LEFT, false);
    viewHandler.setFooterButtonEnabled(FOOTER_BUTTON_MIDDLE, false);
    viewHandler.setFooterButtonEnabled(FOOTER_BUTTON_RIGHT, false);
}
}
```