EWallet Cloud Storage - app showcase

Introduction and Summary

EWallet is a cloud based personal data storage app. This article showcases the app design.

EWallet offers a really nice GUI that uses lots of prebuilt QML elements, mixed with customized ones. To make sure your data won't leak anywhere, the app only transfers and retreives the data encoded (multiple times, multiple methods)

This page is created to introduce the user interface the app, to:

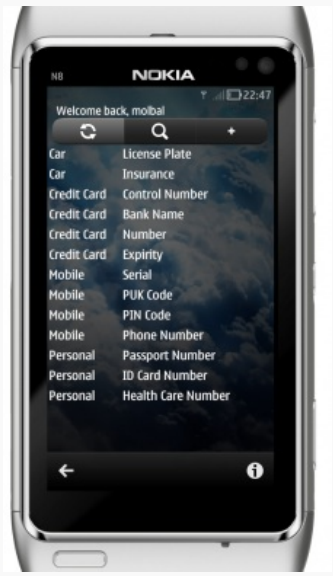
1. show my tricks and solutions to others, and
2. clarify things or answer possible questions in the Qt Quick competition.

Note: The app was discontinued before v1.0]

Main Screen

The screen uses a slowly fading cloudy background, because it's a nice background and, obvious for the cloud-based services. The login and password buttons are having a small animation. The first time someone opens the app and fills in that information, can register there. An easy-to-fill webpage somes in an embedded WebView that I tried to design as they were QML Components. After the registering, the system keeps the entered data, so the users can log in directly. A fancy loading indicator is fading in and out, with 3 circles rotating in different directions. After signing in, the app downloads and decrypts the entries from the cloud, then shows them in a two-columned list.

Starting screen



Welcome screen after login

Controls on the main screen

On the top of the screen, just below the statusbar, there is a button row with three buttons, without text, only icons: refres (obvious), quicksearch (animates a text-field out that filters the entries), and new entry (Opens up a new layer on the top of everything, slightly fades out the things behind it) The toolbar remains simple in this app, (it would be too much t put everything in it) so it only offers an exit button and a help button that opens another page (using PageStack). On that page, the toolbar chanes: the help button disappears and the exit button becomes a back button.

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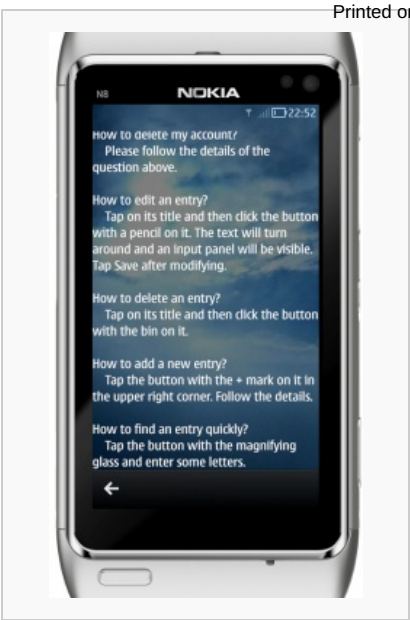
Adding a new entry

Using quicksearch



Help page

Controls on the entry-viewer popup

There is the title of the entry written on top of everything, then a white divider line, and the entry data itself. There is a button row, too, with 4 buttons, with only icons, following the iconography rules strictly:

1. Back - closes the popup
2. Delete - deletes the entry
3. Edit - Flips the entry data over and shows an input textarea and a save button. The entry data is precopied into the area.
4. Share - Sends the entry data in e-mail. Just a function for comfort.

Viewing an entry

Animating...

Editing

Download

- - Waiting for Nokia Store distribution. (Expected: 25th of April)

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Multiplatform compatibility

I admit this is not connected to the QML Application at all, but I think the article is finished if I tell you some words in this topic. I'm (We are) planning to support some other platforms, too. To temporarily allow access from everywhere, I have created an eWallet Web App: eWallet Web App The Webapp might still have bugs, but the general functionality is working and the interface is finalized. We are planning to support:

- Nokia N9, Android and iPhones with an app that is web based and runs in a WebView.
- Windows Phones, especially the Lumia family, with a native C# app, as well as future Windows 8 Nokia tablet PCs
- Desktop PCs, both Windows and Mac, C# for Windows, and I don't have an idea yet for Mac machines.

I hope I still fits the topic even with this porting planning.

Changelog

From 0.9 (first published) to 1.0

- Fixed help text not showing issue
- Fixed toolbar on the top issue
- Fixed wrong UID

Note: This is an entry in the Symbian Qt Quick Components Competition 2012Q1

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