Database Schema:

Table passwords

ProtectedResourceName

URL

Username

Password

Notes (big open-text field)

Requirements:

1. Enter New Entry
2. Search for entries we need, list multiple results for user to choose.
3. Modify existing entries.
4. Delete existing entries.
5. Store data in SQLite.
6. Store data in encrypted fashion.
7. Backup data into a Google Drive file somehow.
8. Produce a document or report for human consumption that lists everything just in case user no longer wants to use this software.

Alpha Feedback (5/20/2015):

Feedback:

DEFERRED 1. Why do you need a username at all?

DEFERRED 2. Why is there a space above the password hint when registering as a new user? This is poor re-use of Login/Register activity. In future, I will not try to overload, as it is just too confusing.

DEFERRED 3. Idea: username could be email address. Yes, user can use username if they wish, but they would still need to enter email in the email field in order to receive the CSV export and email file, so redundancy could be eliminated.

DONE 4. With keyboard active on Main Activity, and with top and bottom ads turned on only maybe 3-4 rows appear in the ListView on Samsung Galaxy S4. On Samsung Galaxy Note II, up to 11 rows are displayed without keyboard, but only 3 with soft keyboard. Should we drop the bottom banner ad? RESOLUTION: Optimized such that the keyboard does not appear regularly on the Main Activity so it lessens the problem. Keyboard will only appear when user actively searches by clicking in the Search box.

DONE 5. Toast message for search characters obscures the keyboard. Is it even really necessary to display that message on every keystroke in the search box? Alpha user accidentally typed in name into search box thinking she had pressed the "new" button, then had to back out. I have changed the length of time the “Toast” is shown from LONG to SHORT, so this will at least be less annoying. It was not good enough. RESOLUTION: Move the Toast box to appear centered, make the Search box text change color to RED to indicate that there are no matching search results.

DONE 6. Keyboard should automatically pop up on New Resource Activity, but not on the Edit Resource Activity. It is "kind of annoying" that it doesn't pop up. "When I press the '+' it should pop".

DONE 7. Alpha user expressed concern that while scrolling the list view, she didn't want to touch the ad and cause it to pop up. A quick discussion with alpha user indicated that it will not click if she slides her scrollbar up.

DONE 8. On adding, the password EditText should default to non-obscured password since the user wants to make sure they are entering the correct value.

DONE 9. After editing a record or entering new record and saving, returns to Main Activity but keyboard remains visible, obscuring ListView. This doesn’t happen upon deleting a record.

DONE 10. Password doesn't show up in autocomplete box when entering new resource.

**DONE 11. Settings menu doesn't do anything. RESOLUTION: Eliminate it from all menus.**

**DONE 12. Make "remember me" on by default. RESOLVED: Moved “Remember Me” checkbox above password so user can/will click on it before entering password, which is auto-accepted upon correct entry.**

**DONE 13. Save/Load is too complicated.  Create setting or "advanced..." menu options. RESOLVED: Created “Advanced…” menu option which pops up menu allowing save/load.**

**14. Look into CSV export description and cr/lf.  Polaris Office.  First line is fine. PROBLEM SEEMS TO BE IN POLARIS OFFICE. So now what do we do?**

**DONE 15. Must warn user before exporting CSV about clear text & no encryption.**

**Google Analytics API/SDK**

APass Android: **UA-63260202-2**