**Puma-Pass**

Phase 1 Proposed Feature List: (work in progress)

Store URL/Usernames/Passwords using AES encryption.

* Allow the user the ability to create/save/delete/view multiple lists, or “profiles”.
* Store the lists in .dat files that the user can name and rename.
* Allow the user to “export” their list to a directory of their choice, which will in turn allow the user to carry their encrypted list with them onto other computers.

Generate Random Passwords.

* Allow user to specify password length.
* Allow user to restrict/include characters based on category (e.g., uppercase, lowercase, numeric, and special).

Generate Random Diceware Passwords.

* Allow user to select # of words password is comprised of
* Allow user to select the separating character between the words. (e.g. “this is a password” vs “this^is^a^password”)

Tabbed User Interface.

* Allow user to quickly switch between the URL/Username/Password list tab, the random password generator tab, the diceware password generator tab, and any future features can be implemented on their own tab
* This should provide a clean, intuitive UI without separate windows popping up

Encrypt/Decrypt Blocks of Text (suggestion, perhaps in another tab)