

Evaluation (457 words)

Specific Performance (Success) Criteria:

- The application allows the user to access a website through the password viewing window.
- The application allows the user to copy password information into their clipboard.
- The application utilizes a GUI instead of a CLI.
- The application allows the user to update and delete existing passwords.
- The passwords are decrypted and encrypted for reading and writing, respectively.
- The application allows the user to create and read passwords.
- The application allows the user to access their productivity system through a hashed “*master*” password.
- The application stores the user’s passwords through a “.txt” file.

Reflection Against the Criteria for Success:

Regarding the first criterion, my application does allow the user to access a website through the password viewing window to input their login information. Regarding the second criterion, my application does allow the user to copy and paste from the application to a webpage. Regarding the third criterion, my application does use a GUI instead of a CLI through the use of buttons and text fields. Regarding the fourth and sixth criteria, my application does allow the user to create, read, update and delete passwords. Regarding the fifth criterion, the passwords are decrypted and encrypted for security. Regarding the seventh criterion, there is a hashed master password for the user to access their passwords. Regarding the last criterion, the application does store user information in a text file. Overall, I met the best-case scenario for success from the planning section success criteria.

Last Consultation with the Client:

After presenting the application video to Franklin, he said it seemed like the application was going to be useful for his work. One recommendation he had was that the application uses a dropdown feature to display the nicknames stored in the file. Another recommendation he had was that when you press "Enter" on the keyboard, the application registers that action as pressing the "Enter" button in the GUI window.

Further Expansion of the Application:

There are various ways of expanding on any particular software. One way of expanding the password manager is to store the passwords in a ".json" file or database instead of a ".txt" file for security. Another aspect of the application that can be expanded on is that instead of having a computer program, I could develop a web application to make the software more accessible through a webpage. Also, I could expand this application from a password manager to a productivity system that has features like a calendar, to-do list and journal. This expansion would allow Franklin to become a proficient investor. In summary, I think I created an application that fully satisfied the end-user; however, there are still ways to expand on the password manager.