**Project: Password Encryptor**

The general overview of one of my past projects is asking the user for whether or not they would like to encrypt or decrypt a password. Then, using a key of the user’s choice, it would do either. Then, the password would be saved to a file, with the original password, the key, and the encryption.

Table, timeline

Description automatically generated

**Threats:**

1. Hackers steal sensitive data from the password encryptor causing a loss of data and confidentiality.
2. Unauthorized users gain access to the password encryptor causes exposure of sensitive information.
3. Phishing attacks trick users into revealing their passwords causes unauthorized users to gain access to sensitive information.
4. Physical theft of the device storing encrypted passwords causes loss of confidential information.
5. A virus infects the device storing encrypted passwords causes corruption or loss of encrypted data.
6. A virus infects the device storing encrypted passwords causes corruption or loss of encrypted data.
7. An insider such as a roommate or significant other could gain access to the password file and causes exposure of sensitive information.
8. A weak password used by users could allow unauthorized users to gain access and cause exposure of sensitive information.
9. Physical damage to the device that has the encrypted passwords causes a loss of data.
10. Table

    Description automatically generatedAn improper back up system of the device and/or the passwords causes a loss of data in the event of an incident.