Project 1 Milestone 1

Description(Inspiration & Goal):

I will be making a secret note app using tableViews and persistent data with property lists. The note could be encrypted and decrypted with the random encrypt keys. Therefore, even there are someone look at your notes, they won't understand the meaning of it without knowing your encrypt key. The inspiration come from my Cyber security course. We learned the basic encrypt method to communicate with others in a safety way.

Intended Audience:

My intended audience will be the people who don't want anyone else knowing their personal information. For example, my grandpa will save all his bank account information in his note app. It will be easily knowing when he checks the other shopping list in the note app. If the bank account information is encrypted, even the people look at the information they won't find out what it means.

Research:

There are some encrypt apps like "Password Manager-Encrypt data," which is the app to save the password of your account. (In case you couldn't remember)

Content Needs:

The mathematical formulas and algorithms will come from resources in my cyber security class (hopefully). If not, I will write the code by myself.

Paper Prototype:

Secret Notes   +

Edit

FUUQJ   (apple 5)

CPF   (and 2)

HGTGTG   (banana 6)

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.

List ☆	Encrypt	Decrypt

Notes: |Done|

I need to transfer $1000
to Neil's account

Encrypt key:

[   ] (Number)

Ciphertext:

List	Encrypt ☆	Decrypt

Ciphertext: [Back]

| FUUQJ |

key :

| 5 |

plaintext

| Apple |

| List | Encrypt | Decrypt * |