

Topic submission for final assignment

The topic I have chosen for final assignment is **Password Manager, Generator and File Encryption System**. Using this software it can keep your information securely. It uses AES encryption to encrypt and decrypt data and it also uses hashing and salting by bcrypt.

Technical functionality

- All the user password and essential data are encrypted and it is also done by hashing and salting
- Encryption is done by using AES
- Hashing and salting is done by bcrypt
- 100% transparency to users
- Interactive GUI
- Fast response time

Things that might be added

- Faster encryption algorithms which can approximately take 2 second to encrypt 2-3GB files
- More designs and user friendly
- Less bugs

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