CSE 442 Project Pitch

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Encrypting and Decrypting Program

Project overview

Our goal is to create encryption software for Windows that will encrypt or decrypt files of any type. To ensure it protects sensitive data against unwanted access, we'll use the latest data encryption technologies to keep your important documents safe and secure.

Key Features

- Symmetric encryption: symmetric Encryption or private key encryption enables to encrypt and decrypt information. For that, our software uses a secret key can be a number, a word, or just a string of random letters aiming at changing the content in a particular way. This process requires the sender and the receiver to know the secret key to be able to encrypt and decrypt all information.
- AES 256-bit key encryption and decryption: selected by NIST as a Federal Information Processing Standard in November 2001 (FIPS-197), its AES 256-bit key encryption offers a complete protection to your data.

System Requirements

- Works on Windows 8.1, XP, Vista, 7, 8 and 10
- Works on 64 bit Windows