Computer Science Project - Python User Account System

Problem – there is no easy way to create small accounts with their own personal files that only they can assess - this program is simple and easy to create accounts and add data to it with its own interface to create a simple and smooth user experience

-**decomp**

It will be broke down into several subsystems all working together –   
- Interface Program which will handle all requests from the users and present the data clearly to them and will act almost like a controller for the program most functions and methods being called from this second of code  
- File read/write system will be the one controlling what is sent to the interface and what to do with the data the interface collects from the user and will act like a simple bus from the users interface to the file system   
- Basic Encryption and decryption system to create a basic level of security so files linked to certain accounts cannot be view in a normal view without authorisation   
- simple login system just to act as another level of security checking and user name and password against what is registered to an account

**-abstraction**

Using libs for file handling methods  
interface class – allows for different interfaces running simultaneously and to make changes to one interface but not the other – generalised

Why it uses abstraction how it helps

**-pattern rec**

**-algorithms**

Select buttons and paths that can be taken while using eg  
login first – then view files – then select file – open file – simple straight path taken