Internal User | Secure File System (SFS) | SFS Database

1. ssh into a Cybera Instance & launch SFS

2. SFS launch screen

3. Login

4. Validate Credentials

5.1 Decrypt Users' Files Name & Change to User Directory

Valid Credentials

Invalid Credentials

5.2 Display Invalid Credentials Message

6. Create File in SFS

7. Save file info in DB

8. Encrypt File Name

9. Save encrypted file name in DB

10. Logout

11. Encrypt Users' Files Name

Chosen Requirement: User Logs in and creates a file

8. Encrypt File Name

This represents encryption of the file name within the program that is then stored in the SFS Database, this does not imply file name encryption in SFS, it represents file name encryption within the program