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| **Use Case** | Decrypt |
| **Primary Actor** | Database user |
| **Goal in Context** | To decrypt the content that is being read from the database file, which is done while loading a database file |
| **Preconditions** | 1. User has program installed 2. User has program launched 3. User has initiated the load account option that uses the Decrypt use case |
| **Trigger** | User wants to load a database |
| **Scenario** |  |
| 1. User initiates the load database option 2. User chooses the database file they want to load 3. User successfully inputs the correct master password 4. Contents are decrypted using the Blowfish algorithm where the master password acts as the key 5. Contents are read from the file and loaded into the account manager | |
| **Exceptions** |  |
| 1. User decides to cancel loading a database.    1. User selects cancel option    2. User is taken back to the main menu    3. Contents are not decrypted 2. User input the wrong master password    1. User is given an error message and taken back to the main menu.    2. Contents are not decrypted | |
| **Priority** | Essential |
| **When Available** | Second increment |
| **Frequency of Use** | Many times a day |
| **Channel to Actor** | Via program interface |
| **Secondary Actors** | System |
| **Channels to Secondary Actors** | Via decryption method |
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| **Open Issues** | Are exceptions for decryption properly thrown?  Does the error message always display correctly? |