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| **Use Case** | Create Database |
| **Primary Actor** | Database user |
| **Goal in Context** | To allow the user to create a new database to store passwords whether it’s the first database or a completely new database  (Split into two use cases) |
| **Preconditions** | 1. User has program installed 2. User has program launched |
| **Trigger** | User wants to create a database to use the password manager for storing passwords. |
| **Scenario** |  |
| 1. User initiates “new database option” 2. User is prompted for a file name and location for the new database. 3. User provides name and database location 4. User is prompted to create a master password for the new database 5. User inputs a master password and then inputs it again to verify it. 6. User is prompted to input a database name 7. User inputs a database name 8. Database is created | |
| **Exceptions** |  |
| 1. User decides to cancel database creation    1. User selects cancel option    2. User is taken back to the main menu 2. User leaves master password field blank    1. Password field is left blank and user selects create database option.    2. User is prompted with error to input a password 3. User does not input file name for the database.    1. User leaves name field for the database blank.    2. Database filename becomes default filename. 4. File name for database already exists.    1. User types in name for a database.    2. User is prompted that the name already exists.    3. User is prompted to override, rename, or choose a new file location 5. When user input master password and then inputs it again to verify it, then the passwords do not match    1. User inputs both password fields    2. User is notified of error that passwords do not match | |
| **Priority** | Essential |
| **When Available** | First increment |
| **Frequency of Use** | Many times a day |
| **Channel to Actor** | Via program interface |
| **Secondary Actors** | n/a |
| **Channels to Secondary Actors** | n/a |
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| **Open Issues** | Should the program allow the user not to have a master password for a database?  What kind of encryption to use?  Should a password generator be used? |