Testing for Practical Project

Component:

The following procedures can be separated from the main program and tested separately…

* Building the noteSelection form in accordance to how many notes are present in the database.
* Changing user password and relevant failure/success procedures
* Creating/Deleting and Saving notes
* Custom font implementation
* Program installation
* Saving user settings such as theme and language
* Search function
* Sorting the imported notes via date

Integration:

* Are all database entries successfully imported into the application? (hash, notes, salt)
* Are the notes successfully passed between forms?
* Are the user settings applied to each form?
* Can the application run from its installation directory independently of a USB drive? (or vice versa)
* Is the custom font applied to each form?
* Is the **user created** password successfully passed between encryption modules and placed into a database (rather than a hash and salt being created for the value of NULL e.g. e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855)?

Beta:

* Can an individual who has been introduced for the first time successfully complete the following tasks:
  + Change and apply a theme/language
  + Complete a search query
  + Create and change a password
  + Create and delete notes
  + Successfully launch the program after using the provided setup executable