CS180 - Menu Interface Structure

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Legend

Everything in bold is what the user will see in terminal.

Everything not bolded is notes for that specific stage.

In-Progress

Update Menu
- The individual selections such as Add record, Edit Record, etc. still need to be flushed out.

View Menu
- Sort, Filter, etc. still need to be worked on as far as what the interface should look like.

Create Menu

Database Name:

[Enter database name]
- Verify another database with this name doesn't already exist
- If it does already exist, ask for another name. Else continue

Categories:
Enter [X] when done.

- User should enter a loop that allows them to enter category names for the database. This loop will create categories based off of the user input. It will run until an x is inputted by the user
- Duplication validation will be enforced.
- User will have the option to edit a category in case of errors in input.

Create Database Record?
[Y/N]

- User should be given the option to create individual elements of a database. This can be done by looping through the categories and asking for input individually.

Read Menu

Database FileName:

- Verify database file exists.
- If file exists and validated, parse data and include new database into system.

Database successfully processed.

What would you like to do with this database?

[A] Update
[B] Delete
[C] View

[X] Exit

User Account Menu

[A] Log-in
[B] Register

Landing Page Menu

What would you like to do with a database?

[A] Create
[B] Read
[C] Update
[D] Delete
[E] View

[X] Exit

View Menu

Database:
- User selects a database to view. Then is taken to the full View Menu below

[A] Sort
[B] Filter
[C] Search

[X] Exit

Update Menu

Database:
- User selects a database to update. Then is taken to the full Update Menu below

[A] Add Record
[B] Edit Record
[C] Delete Record
[D] Duplicate Record

[X] Exit

Delete Menu

Database FileName:

- Verify database file exists.
- If file exists and validated, validate user wants to delete this.

Are you sure you want to delete [Database name] ?
[Y/N]

If user confirms, delete database.

Successfully deleted.

[A] Main menu
[X] Exit