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30 April 2021
CSCI 4208
Database Design

Proposal 5 - Final Project

Schemas:

Authentication = (username, password, name)

Notes = (note_id, title, description)

Query Logic:

Logging In- Selects the username and password and validates the user.

Registering- Selects username and confirms that no one is using it, also inserts the new password.

Creating Notes- Inserts new note_id, title and description.

Editing Notes- Selects the title and description and modifies them.

Deleting Notes- Selects the note_id, title, and description and removes them.

CRUD Ops:

AUTHENTICATION:

Create- New username, password and name, for new users when registering

Read- reading in a created, new note

Update- creating the new note

Delete- trash the new note if the user feels that he doesn't need it anymore

NOTES:

Create- new note, name the note with a specific title to make it easier to search

Read- reading in the note that was used to search a previous note

Update- make updates to any current notes

Delete- delete a note that is not needed anymore

Tooling and Libs:

MongoDB - library used for database management