Alex Dicharry, Charles Kuylen, Alex O'Connell
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CSCI 4208
Database Design
Proposal 5 - Final Project

Schemas:
Authentication = (<u>username</u>, password, name)
Notes = (<u>note_id</u>, 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