Penny For Your Thoughts

Legend

- App Page
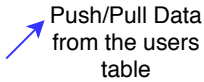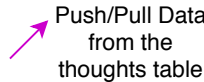- Buttons
- Page Title
- Data Result
- Push/Pull Data from the users table
- Push/Pull Data from the thoughts table

Login
- Create New User
- Login
  - Name Username Password
  - Username Password

User Profile
- Name
- Thought Count
- View Thoughts
- Log Out

Thoughts
- Search
  - Results
- Select
  - Edit
  - Delete
- Create New
- View Profile

users

- userId
- name
- username
- password

The create new user button asks the user for a name, username, and password. Then, the program verifies that the username does not already exist within the users table.
The Login function asks the user for a username and password and verifies that both match within the users table. This would use a select statement to query the row with the matching username and check the password within the program.
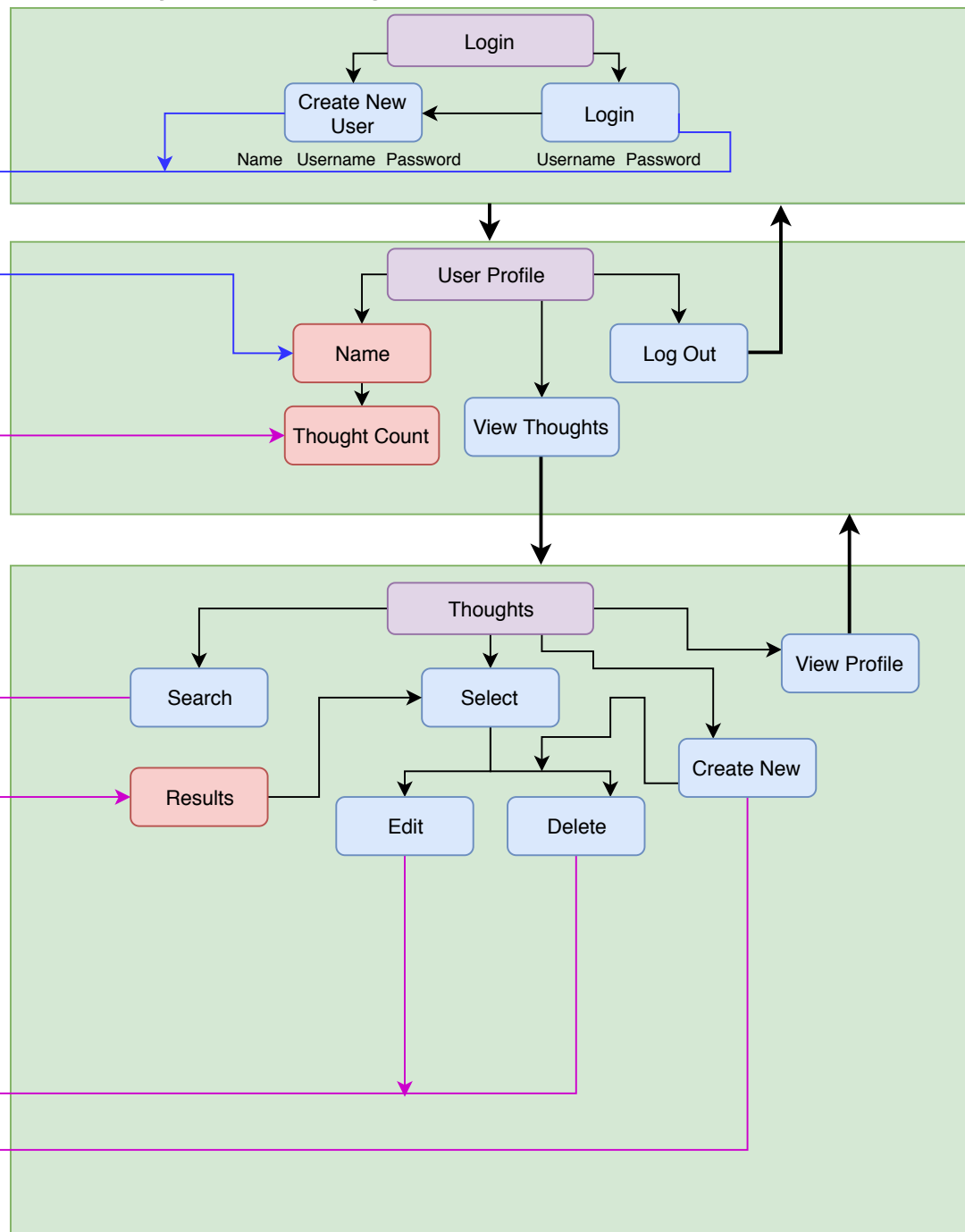Select * From users Where username = input;

thoughts

- thoughtId
- userId
- preview
- content
- updated

The thought count in the user profile page will be the total count of all thoughts with the logged in users userId.
Select Count(content) From thoughts Where userId = currentUser;

The Search function here would work just like the search function in the Notes App. The user would enter what they would like to search and the program will send a query to the database and return all thoughts containing the search phrase in its contents.
Select * From thoughts Where content Like "%input%";

Citations

Lau, K. M. (2019). *A Penny For Your Thoughts.* Flowchart & Database for App, Full Sail University.

users
- 🔑 userId INT
- 🔷 name VARCHAR(45)
- 🔷 username VARCHAR(45)
- 🔷 password VARCHAR(45)

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thoughts
- 🔑 thoughtId INT
- 🔶 userId INT
- 🔷 preview VARCHAR(20)
- 🔷 content VARCHAR(500)
- 🔷 updated DATETIME

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