

# Penny For Your Thoughts

## Legend



App Page



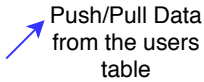
Buttons



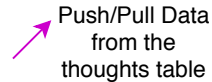
Page Title



Data Result



Push/Pull Data from the users table



Push/Pull Data from the thoughts table

### 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

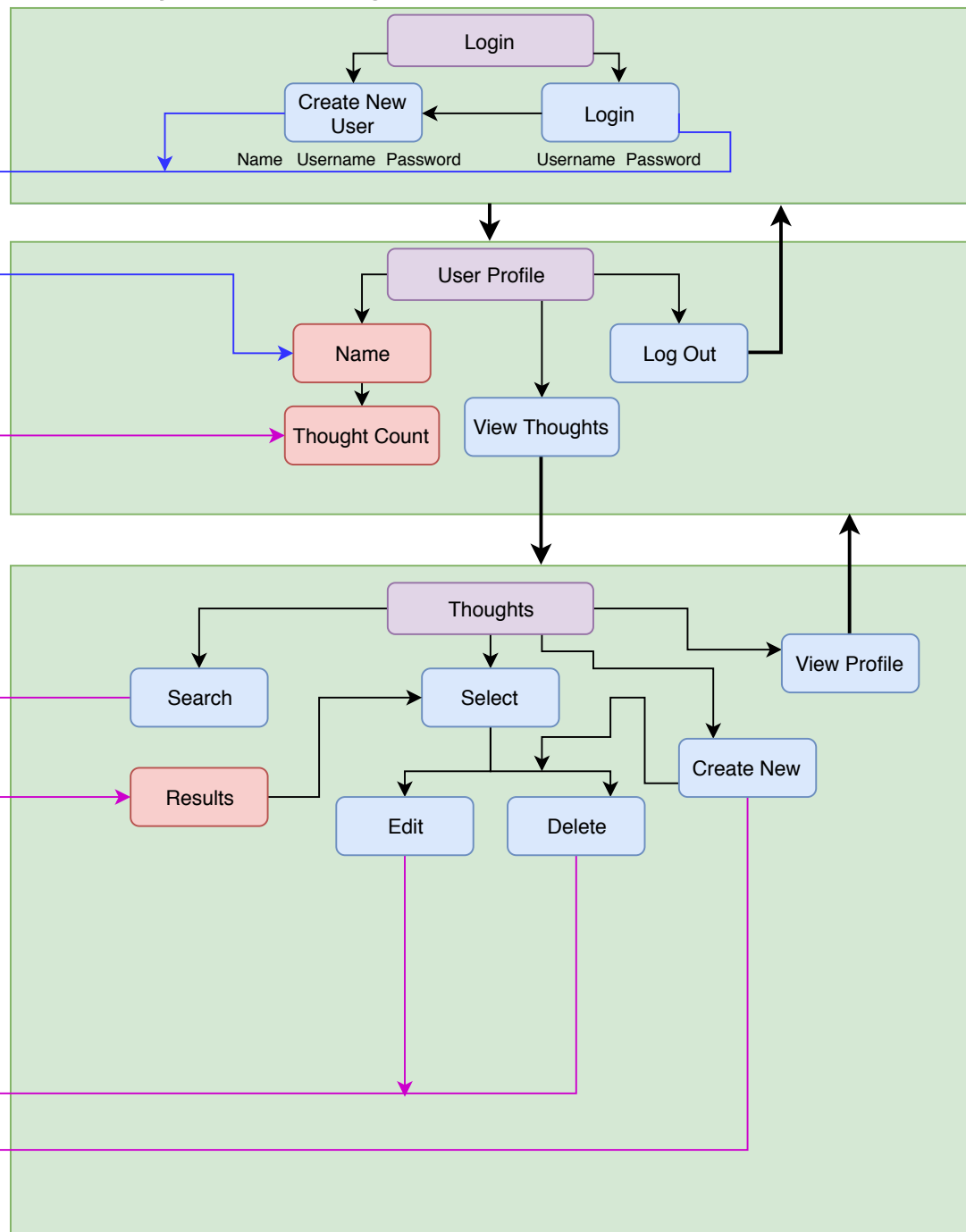
thoughtId  
userId  
preview  
content  
updated

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.