

For this project we are going to finish up by using Python, HTML, CSS, Flask, the Github API and SQL Alchemy. Flask will be used for loading pages and templating information. SQL alchemy will be used to verify login information, reset passwords and keep the search history of the user. The github API will get information from github and then send it to Flask to populate the different HTML pages with information.

The different functions we are going to call are:

Register_user(); which registers the user in SQL Alchemy.

Login(); validates the user exists in the SQL database and returns a session token that is set with the UID of the user that is logging in.

Search(): Uses the github API to get information about the specific user and flask flashes the information to the data page.

Verify(): is used for the forgot password page, which checks if the email exists in our database and then sends the user to the reset page.

Reset(): Resets password and sends it to the SQL Alchemy.