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Soft Dev
P00 - Half Quick Planning Document
2021-10-25

Program Components:
Table of Wiki Information (SQL)
HTML frontend (for rendering info/examples)
   -   Templates
Python backend (To fill templates with information from database)

Explanation of relationships between components:
The database is fed into the Flask Python backend, which then displays the information on the webpage using the HTML templates.

Database Organization: We are most likely going to use one main table, with python math and logic operators, what they do, and an example. If we decide to go more in depth, we can add more tables about specific parts, perhaps separating logic and math operators.

Site Map: Right now, we would have one main website, and all of our information would be on said website. However, we can also make one main page with clickable buttons that would bring you to another page with information based on which button clicked.

Breakdown of Tasks: The three main parts of the project are the database, the backend, and the frontend. The database must contain all the information and relay it correctly into the python backend. The python backend must be able to get the information from the database, and display it using the templates, and the HTML templates must have the correct variables and other design parts to portray the information in a simple and elegant fashion.

Next Steps: Perhaps create a login system such that if you log in, you are able to add into the database. Create a new page with login as well. Possibly add page creation system.

Assignment of Tasks:

Front end html + templates: Michael

Flask: Yuqing

Database: David