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Aloha Ohana
SoftDev
P00–Wiki: Design document outlining how to build wiki.
2024-10-21
Time Spent: 1
TARGET SHIP DATE: {yyyy-mm-dd}

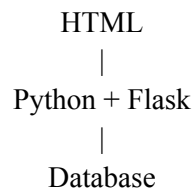
Program Components:

1. Front End HTML + CSS
 - a. Wiki Display Page
 - i. Should display the wiki in our style, have an option to log in as “Developer”
 - b. Developer Page
 - i. Should display to the user the wiki/have options to edit the wiki.
 - ii. Should take inputs to add new sections or edit their existing pages.
 2. Middle Flask + Python
 - a. App.py
 - i. Runs the front end HTML through Flask to render the site.
 - ii. Has page switching, accesses backend
 - iii. Stores sessions/developer login (could also be stored in backend)
 - iv. When logged in, redirect to developer page
 - b. Other Python Files, one to store in database information potentially
 3. Backend SQLite3
 - a. Pages Database
 - i. Database of the pages in the wiki
 - b. Other information database
 - i. Other databases may be necessary to hold other information.
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Component Relationships:

- HTML is rendered and hosted through Flask and Python app.py, which uses database information.
 - Data entered by the user goes through app.py to the database.
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Map:



Databases:

1. Database of different pages (each with their own database) on the wiki (so they can all be accessed).
2. Database of information on the page.

Site Map:

1. Display Page (Displays Wiki)
 - a. Home page for logging in + other pages on the Wiki
2. Developer Page (allows edits)
 - a. Shows options such as add a new page/modify an existing page

Linkages:

1. Display Page → other pages on wiki via going to see other existing pages.
 2. Display Page → login w/ developer account → Developer Page.
 3. Developer Page → logout → Display Page.
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Assignments:

- Frontend HTML + CSS: Christopher & (Anybody for CSS if extra time)
- Python + Flask: Kyle & Raymond
- SQLite: Kevin