Wiki Project Design Document

Team Nomex Blankets – Han Zhang, Cameron Nelson, Kevin Cao

File Tree:

```
flask_app
├── __init__.py
├── users.db
├── templates/
│   ├── layout.html
│   ├── index.html
├── static/
│   ├── css/
│   │   ├── main.css
```

Front-End Sitemap

Program Component List:
- Python
  - The python app would be used for the creation of the database itself and for inserting data / pulling data from it.
- SQLite
  - We use SQlite to interact with our database. The commands used in the python app would come from this component.
- Jinja
  - Jinja takes the data from the backend for the wiki contents, page title, and other bits and puts them where we want in our webpage.
- Flask
  - Flask serves the actual web pages jinja will be rendering (does network stuff).
  - Session allows for the site to allow a logged in user to edit existing pages and add new ones. Someone cannot edit/create a page without being logged in / having a session.
- CSS
  - CSS makes our site look pretty to the user on the frontend.

Database Organization
- Tables:
  1. **USERS**
     a. Stores user data
     b. Holds username, hashed password, url to random dog image + ROWID

API's:

        Emoji API - https://github.com/stuy-softdev/notes-and-code/blob/main/api_kb/411_on_Emoji.md

        APOD - https://github.com/stuy-softdev/notes-and-code/blob/main/api_kb/411_on_APOD.md

        Dog Breeds API -

https://github.com/stuy-softdev/notes-and-code/blob/main/api_kb/411_on_DogBreeds.md

Member Assignments

- Cameron: Working on backend stuff and database.
- Kevin: Also working to create frontend HTML templates and then css for later.
- Han: Project Manager + database.