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SoftDev

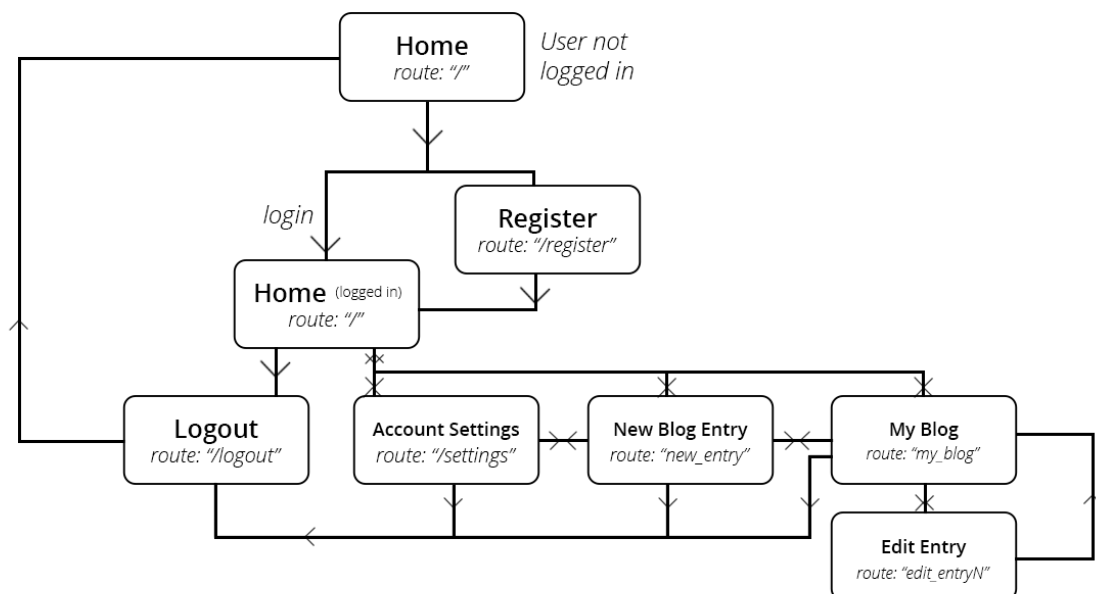
P00 - Espresso Blogging Design Document

10-27-2021

File Structure

```
flask_app
├── app.py
├── wiki.db
├── templates/
│   ├── login.html
│   ├── register.html
│   ├── home.html
│   ├── settings.html
│   ├── blog.html
│   ├── new_blog.html
│   └── new_entry.html
├── static/
│   ├── css/
│   │   └── style.css
├── users/
│   ├── userID/
│   │   ├── 0001.txt
│   │   ├── 0002.txt
│   │   └── n.txt
```

Front-End Sitemap



Component List:

- Python
 - This component would be used to create the required database, populate it with information, and to access/edit the inputted data.
- SQLite
 - This component allows for database interaction. It is where the commands for creating/interacting with databases actually come from.
- Flask
 - This component hosts the webpage where the user can interact with it. Also allows for individual sessions so multiple users can be logged in at once.
- Jinja
 - This component renders templates using inputted information in order to populate the webpage with text.
- CSS
 - This component is used to make the website itself look pretty. However, site will still work without (though it will not look as nice)

Table organization:

User_Id	username	password	blog_name	Last post number
Makes every account unique	Allows user to change their username	Allows user to change their passcode	Allows user to change their blog name	Allows the website to keep track of the number of posts on the blog. Also allows posts to be displayed in reverse chronological order.

Role:

- One member will manage the database and how it interacts with the website
- One member will create the templates for each page of the website
- One member will create the folders/files to store the blogs themselves
- One member will manage how the user can view and edit blogs