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SoftDev Pd 8

P00: Design Doc

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Time Spent: 1.0

Assignment:

- **Scenario Two:** Your team has been contracted to create a web log hosting site.
 - Users will have to register to use the site.
 - A logged-in user will be able to
 - Create a new blog
 - Update their blog by adding a new entry
 - View and edit their own past entries
 - View the blogs of other users

Program Components:

1. SIGN-IN Page:
 - a. REGISTER BUTTON
 - i. HTML Form to register to use the site
 1. Forms will use post method
 - ii. Sends you to the register page
 - iii. After you register, user is sent to HOME page
 - b. BUTTON TO LOGIN:
 - i. HTML Form to login to the site
 - ii. Once you are logged in, you will be directed to the HOME page
 - c. HTML Templates for the SIGN-IN page
2. REGISTER PAGE:
 - a. HTML Form to input an username & password
 - b. Saved to database
 - c. HTML Template for the REGISTER page
3. HOME Page:
 - a. BUTTON TO LOG-OUT
 - i. Sends you back to the Sign-In Page
 - b. BUTTON TO CREATE NEW BLOG
 - i. HTML Form to create a new page
 - c. Links to previous blogs you've created
 - i. Sends you to those blogs
 - d. HTML Form to search for other user's blogs
 - i. Sends you to those blogs
4. YOUR BLOG Page:

- a. Contains text of that blog (all the current entries)
 - b. BACK Button
 - i. Sends you to your home page
 - c. EDIT Button
 - i. Sends you to an edit page
- 5. OTHER BLOG Page:
 - a. Contains text of that blog (all the current entries)
 - b. BACK Button
 - i. Sends you to your home page
- 6. EDIT ENTRY Page
 - a. BACK Button
 - i. Sends you to the your blog page you were editing
 - b. SAVE Button
 - i. Saves your edits in the database
 - ii. Sends you to the your blog page you were editing

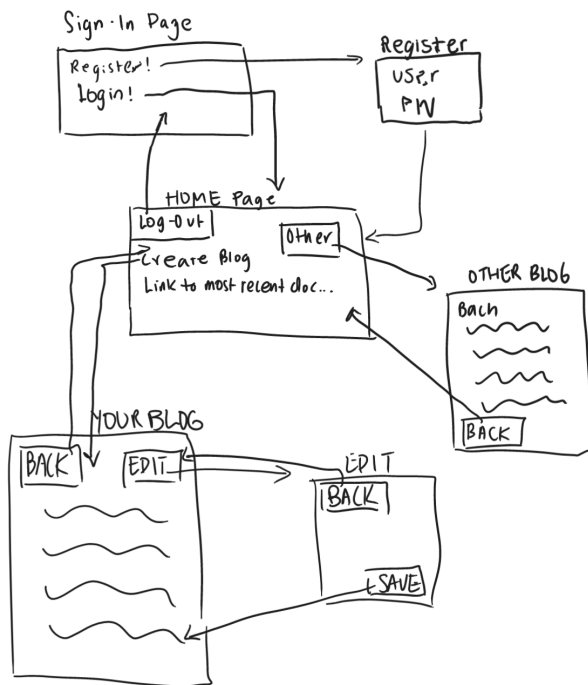
Component Explanation:

- 1. SQLITE3 - Database
 - a. Saves login information
 - b. Saves blogs and their entries
- 2. Flask/Python
 - a. Retrieve data to and from database
 - b. Retrieve data from html forms
 - c. Places data in html templates and serves them to user
- 3. HTML Files
 - a. Templates that are used for everything

Tasks:

- Erica (PM):
 - Draft up HTML templates for all pages
 - Codes SIGNIN & REGISTER PAGE part
- Aahan:
 - Code HOME PAGE & Button to create, edit, and link to previous blogs
 - Creates BACK button template
 - Controls database
- Henry:
 - Code YOUR BLOG page
 - Code the edit page
 - Codes SAVE button

Site Map:



Component Map:

