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SoftDev Pd 8  
P00: Design Doc  
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Time Spent: 1.0  
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**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. LOGIN 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. HTML FORM to login to the site
    - i. Once you are logged in, you will be directed to the MAIN page
  - c. HTML Templates with CSS styling for the LOGIN page
2. REGISTER PAGE:
  - a. HTML Form to input an username & password
  - b. Saved to database
  - c. HTML Template with CSS styling for the REGISTER page
3. MAIN Page:
  - a. BUTTON TO CREATE NEW BLOG
    - i. HTML Form to create a new blog
  - b. BUTTON TO VIEW ALL BLOGS
    - i. HTML Forms/Templates to view all blogs and be able to click into the blogs to view the entries
  - c. BUTTON TO LOG-OUT
    - i. Sends you back to the Sign-In Page
  - d. HTML Template for the MAIN page
4. YOUR BLOG Page:
  - a. Contains text of that blog (all the current entries)

- b. BACK Button
    - i. Sends you to your MAIN page
  - c. EDIT Button
    - i. Sends you to an edit page
  - d. DELETE BLOG Button
    - i. Deletes your blog
    - ii. Sends you back to MAIN page
5. EDIT PAGE:
- a. EDIT ENTRY Button
    - i. HTML Form to be able to update text(entry)
  - b. SAVE ENTRY Button
    - i. Saves your text edits in the database
    - ii. Sends you to the you back to the BLOG page
  - c. BACK Button
    - i. Sends you to your home page

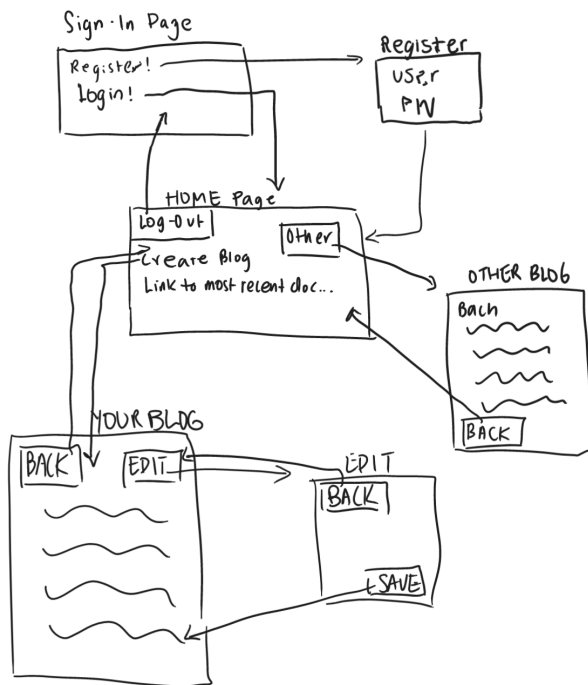
**Component Explanation:**

- 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
- 4. CSS Files to style

**Tasks:**

- Erica (PM):
  - Create HTML templates & CSS files for all pages
  - Code Back Button
- Aahan:
  - Create, edit, and link all pages
  - Controls database
- Henry:
  - Code YOUR BLOG, SIGN-IN, REGISTER page
  - Code the EDIT page
  - Codes SAVE button

## Site Map:



## Component Map:

