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SoftDev  
P00 -- Move Slowly and Fix Things  
2022-11-01  
time spent: 1 hr

Target 🚢 Date: 2022-11-11

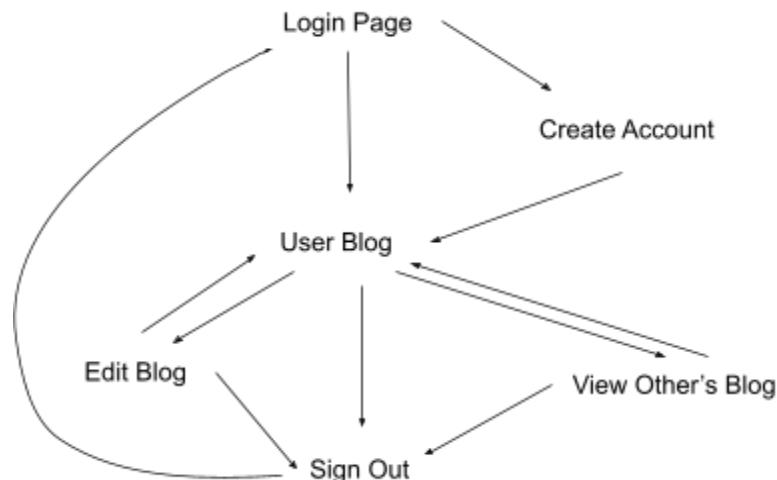
**Scenario Two:** Your team has been contracted to create a web log hosting site.

- 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

#### Files Needed:

- 4 HTML files
  - login.html
  - create\_account.html
  - user\_blog.html
  - explore.html
- Python file to host Flask server
  - app.py
- SQLite3 database file
  - tables.db

#### Site Map:



### **Login Page:**

- Look at K10-12 for reference
- Check database if username and password match
  - Tell user if/which ones don't match
- Have a link to the create account page
- After login, direct to user blog

### **Create Account Page:**

- Ask user for username and input
  - Each username must be unique because the username is how we identify who made changes
- Check database to make sure the username doesn't exist
  - If it exists, prompt user to select new username
  - If it doesn't exist, add username and password to login table
- Direct to user blog

### **User Blog:**

- Blog Setup:
  - Name blog
- All entries are on the same page, separated by a line like this or other method:

- 
- Newest entries at the top
  - Entry contains:
    - Original date published
    - Date most recently updated
    - Title
    - Paragraph(s) of the blog entry

### **View Other's Blogs:**

- List of links to other blogs
- First blog created at top of list
- Example formatting
  - Best Ramen Brands |  
dempumpkinsblog.com/pickleSURPRISE!

**One Database, Contains Login and Content Tables:**

logins	
username	password
i_hate_coding123	HeheHAHA1010
bmcc_my_fav	Myparentshatemecusbmcc
pickleSURPRISE!	think_simple_think_smart

content	
username	html
bmcc_my_fav	bmcc_my_fav.html

**Tasks:**

- HTML Content:
  - Login (Emily)
  - Create Account (Diana)
  - Explore page (May)
- Linking HTML forms to app.py (Everyone)
- app.py communicating with tables.db (Everyone)
- User editing of their blog (Everyone)

**HELP:**

- Are we going to get a domain name?
- How is this app going to run constantly, not just when launched on home machines?
- How exactly does a user edit a page? Save it?

**Extra Elements:**

- Deleting an entry
- Allowing user to put lists, images, links, etc. in their entry

- CSS
- Wiki Syntax
- Reset username and password
  - Security questions
  - Password requirements
- Sort the blogs using hottest or latest
- Users will be able to make more than 1 blog
- Users should be able to name their blog
- Commenting