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SoftDev
P00 -- Move Slowly and Fix Things
2022-11-15
time spent: __ hrs

Target 🏠 Date: 2022-11-15

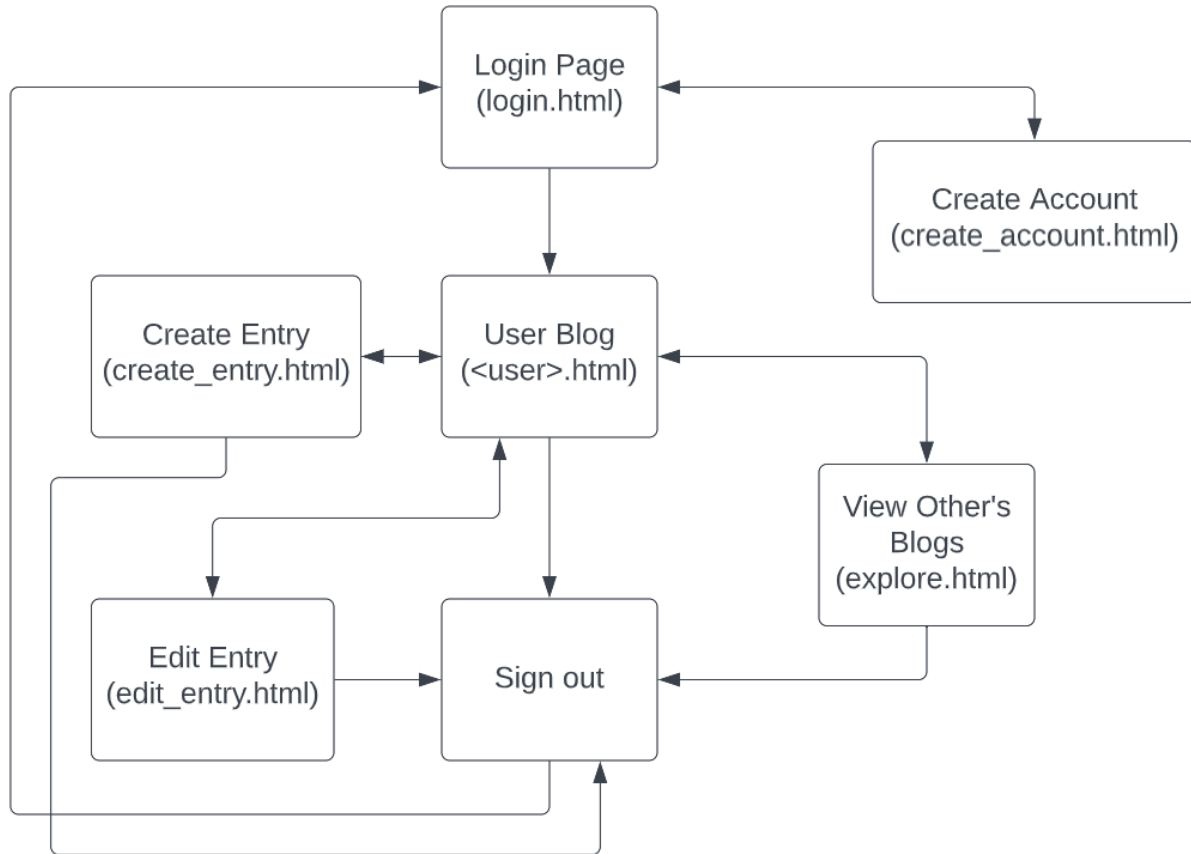
Scenario Two: Your team has been contracted to create a web log hosting site.

- 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:

- 6 HTML files
 - login.html
 - create_account.html
 - user_blog.html
 - explore.html
 - create_entry.html
 - edit_entry.html
- 2 Python files
 - __init__.py
 - database.py
- SQLite3 database
 - tables.db
- CSS
 - style.css

Site Map:



login.html:

- Look at K10-12 for reference
- Check database if username and password match
 - Have text on page tell user if/which ones don't match
- Have a button/link to the create account page
- After login, direct to user_blog.html

create_account.html:

- Form with username, password, and blog_name 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 login.html when done

user_blog.html:

- 4 buttons at top of page:
 - Create entry → create_entry.html
 - Edit entry → edit_entry.html
 - Explore → explore.html
 - Logout → login.html
 - Name of blog at top (h1)
 - All entries are on the same page, separated by a line like this:
-

- Original entries at the top
- Entry contains:
 - Title of entry (h2)
 - Paragraph of the blog entry
- user_blog.html is one html file that gets rewritten for each user
- use string concatenation and f-strings to write the html file using info from the database

My Blog by bmcc_my_fav

0: First entry!

BMCC is the best school ever.

explore.html:

- Button to go to user's site, login.html (sign out)
- List of other blogs and usernames
- Example formatting
 - Best Ramen Brands by pickleSURPRISE
 - Brings user to pickleSURPRISE.html
- You have to submit the username you want to visit in a form

create_entry.html:

- Button to go back to user_blog.html and button to submit edits(also directs back to user_blog.html after changes)
- Instructions for how to use
, \t, \n, etc.
- Form asking for title and paragraph

- add these to database

edit_entry.html:

- Instructions clarifying that if the user wants to include old content in their update, they have to copy and paste it themselves. Whatever is submitted in the form replaces the old entry.
- Form asking for entry id, title, paragraph
 - Tell user if entry id doesn't exist
- update database

database.py

- anything dealing with sqlite3
- methods for writing files
- any methods not @app.route

One Database, Contains Login and Content Tables:

logins		
username	password	blog_name
i_hate_coding123	HeheHAHA1010	
bmcc_my_fav	Myparentshatemecusbmcc	My Blog
pickleSURPRISE	think_simple_think_smart	

The HTML file will hold each individual blog.

content				
username	blog_name	entry_id	title	paragraph
bmcc_my_fav	My Blog	1	First entry!	BMCC is the best school ever.

Tasks:

- HTML Content:
 - login.html (K19)
 - create_account.html (Diana)
 - user_blog.html (Everyone)
 - explore.html (May)
 - create_entry.html (Emily)
 - edit_entry.html (Emily)
- Linking HTML forms to app.py (Everyone)
- __init__.py communicating with tables.db via database.py (Everyone)
- User editing of their blog (Everyone)

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
- Editing name of blog