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Made-in-Nigeria

SoftDev

P00 - Move Slowly and Fix Things

Project: Building a Blog

2024-10-28

Time Spent: 15 hours

Target Ship Date: 2024-11-07

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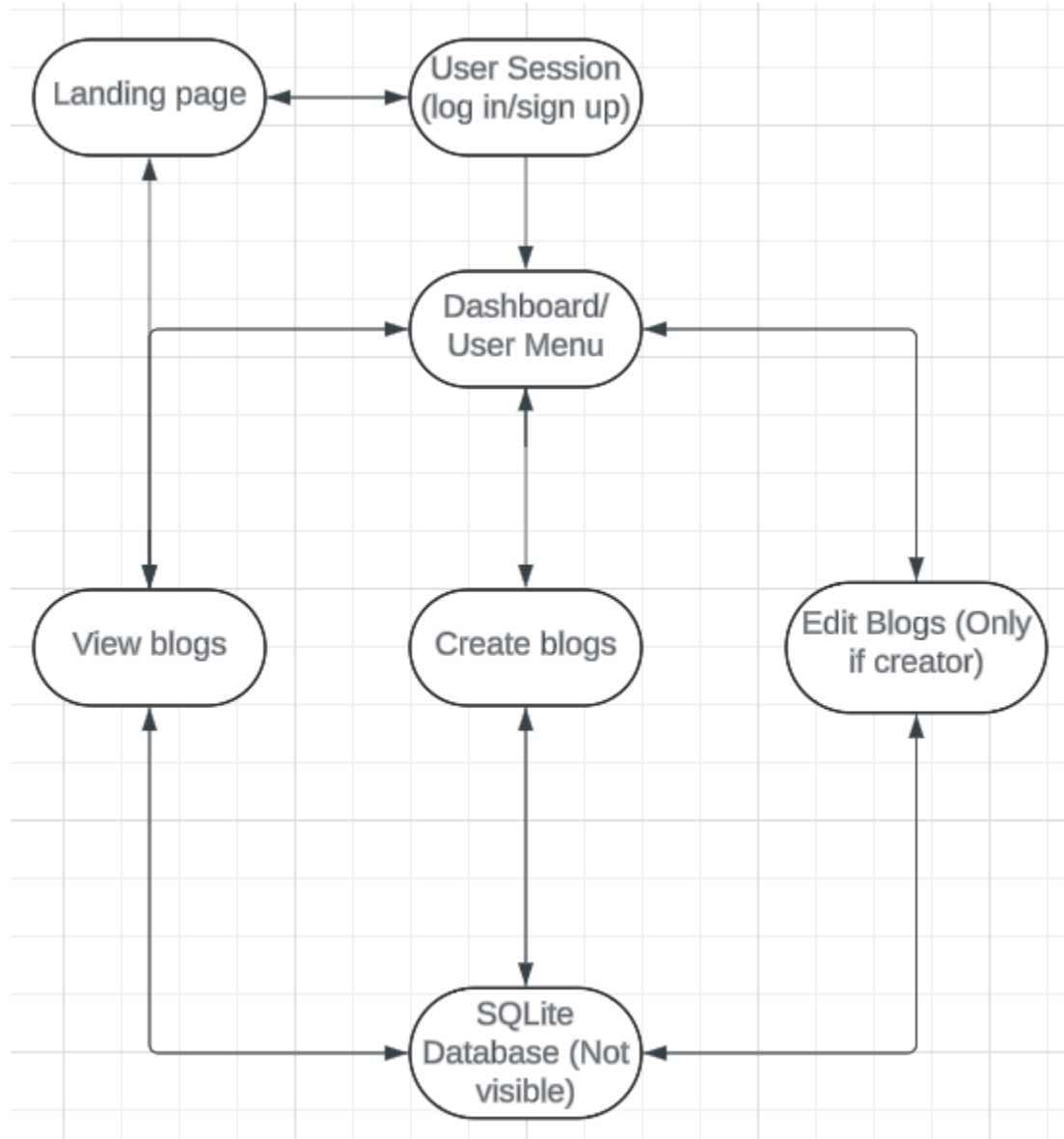
### **Components -**

- User Accounts
  - Able to create new accounts
  - Log in/out
  - Keeping user session throughout site through session
- Users able to create new blogs
- Route for user to update their own blogs
  - Limited access based on user
    - If user is creator then edit button appears
- Route to serve the blogs
- Route to view other blogs
  - No edit access if not creator
- Sending blog content to database through SQLite3
  - Each content would have a specific user, entry number within same row of table to ID content
- Pages rendered through flask with jinja templates for HTML

### **Connections Between Components - Kyle**

- User accounts should be connected with the ability to visit specific routes to edit their own blog(s).
- Users must be able to log in
- Users should be able to continue with existing made blogs stored in database
- Viewing other users' blogs where you are not allowed to edit but should all be rendered with the most updated content.
- There should be a route to a landing page where users can log in or sign up

### Components Map - Wen

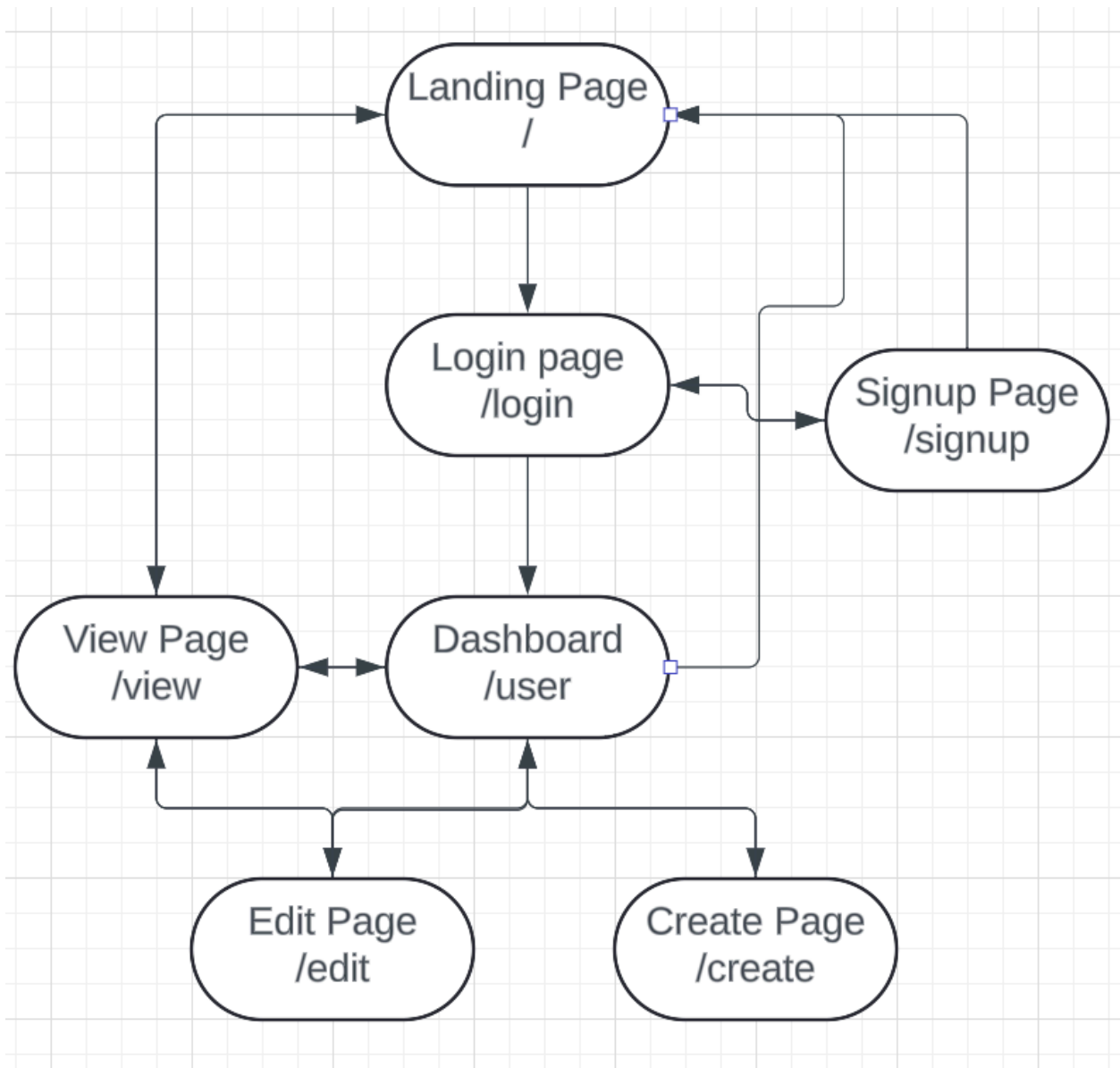


### Database Organization - Tracy

- accounts (username TEXT, password TEXT)
  - Look through DB to compare entered username and password to stored usernames and passwords
  - Insert new username and password entries
- blogs(owner TEXT, blogtitle TEXT, entrycount INTEGER)

- Contains all the blog titles, the username who owns the blog and the total number of entries in each blog
- usernameblogtitle(entryID INTEGER, entry TEXT)
  - Each blog has their own table with their names consisting of the owner's username + blogtitle

#### Site Map - Wen



### **Pages Needed (Description)**

(/) – Root of site, the page the user would be directed to on the site. Contains Sign in option and allows the user to be directed to the blogs of other users.

(/login) – This page is where returning users can sign in, on the page you can also be directed to a sign up page

(/signup) – user will be able to register a username and password to be put into the database

(/user) – Once logged in, the user is directed to the user dashboard where they have options to create new entries, view past entries and make edits.

(/create) – The user is directed to a page with a form with titles for a new blog. Once they submit their changes through a submit button, a request is send to add the post into the database

(/view) – All users are able to view blogs within the site, this page displays the content of a blog. Each blog has their own separate view page, if the user is the creator of the blog, an additional edit and add button is added. The edit button allows users to edit previous entries while add directs you to another page where you can add entries.

(/add) - Creators are able to add new entries to their blog.

(/edit) – The creator of the blog is directed to a page with the contents of the blog, they are then able to edit the content and submit their changes.

### **Assignments**

Danny

- Setting up SQLite3 database with required tables + user sessions + Linking pages + HTML Templates + Jinja

Wen

- Allowing for user sessions and requests + Linking pages + HTML Templates + Jinja + CSS

Kyle

- HTML Templates and Jinja + Linking pages

Tracy

- Hosting through Flask and routes between pages + HTML Templates