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Made-in-Nigeria

SoftDev

P00 - Move Slowly and Fix Things

Project: Building a Blog

2024-10-28

Time Spent:

Target Ship Date: 2024-11-04

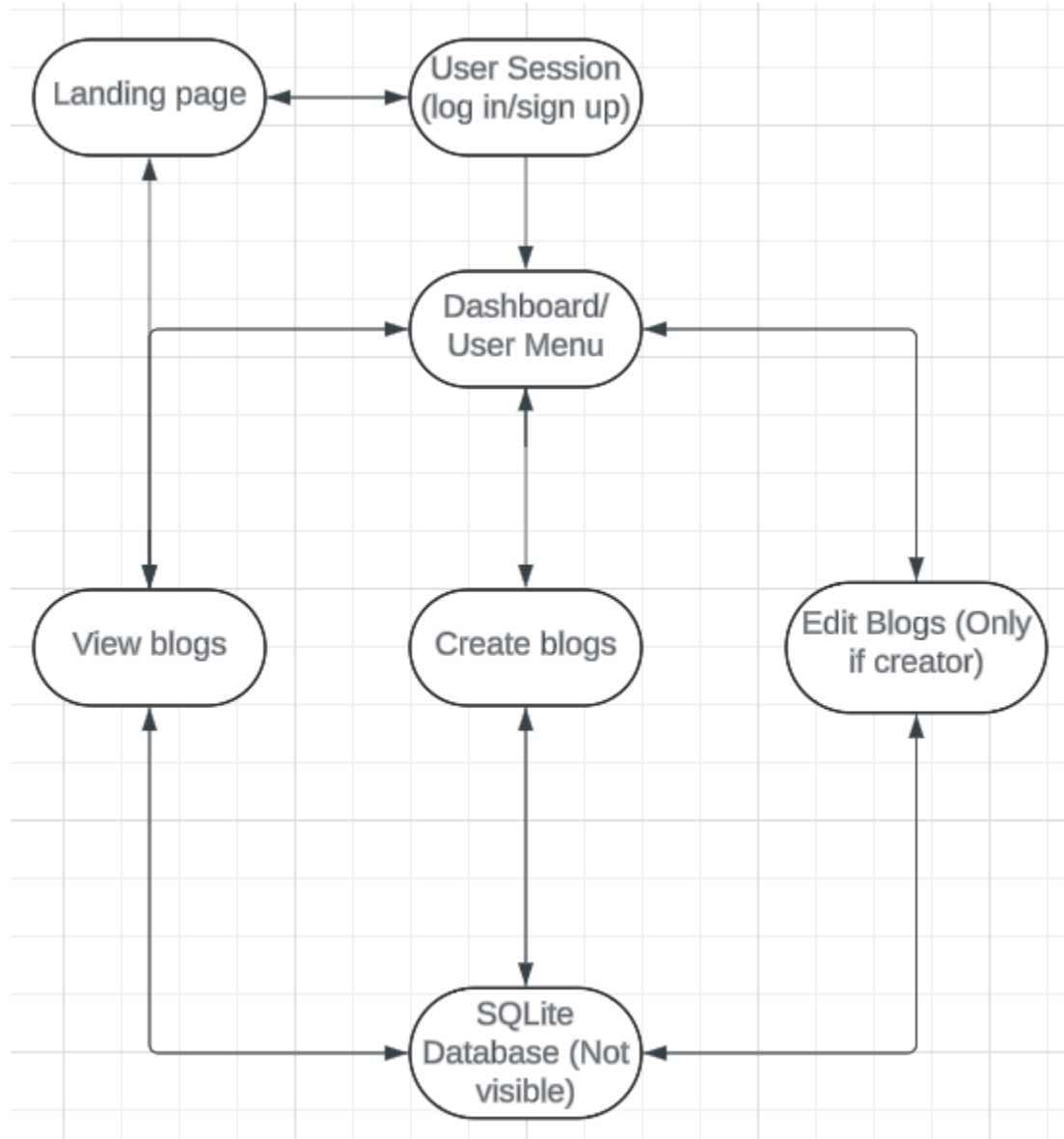
Components -

- 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 have log
- Users should be able to continue with existing made blogs stored in SQLite
- Viewing other users' blogs should have its own route 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

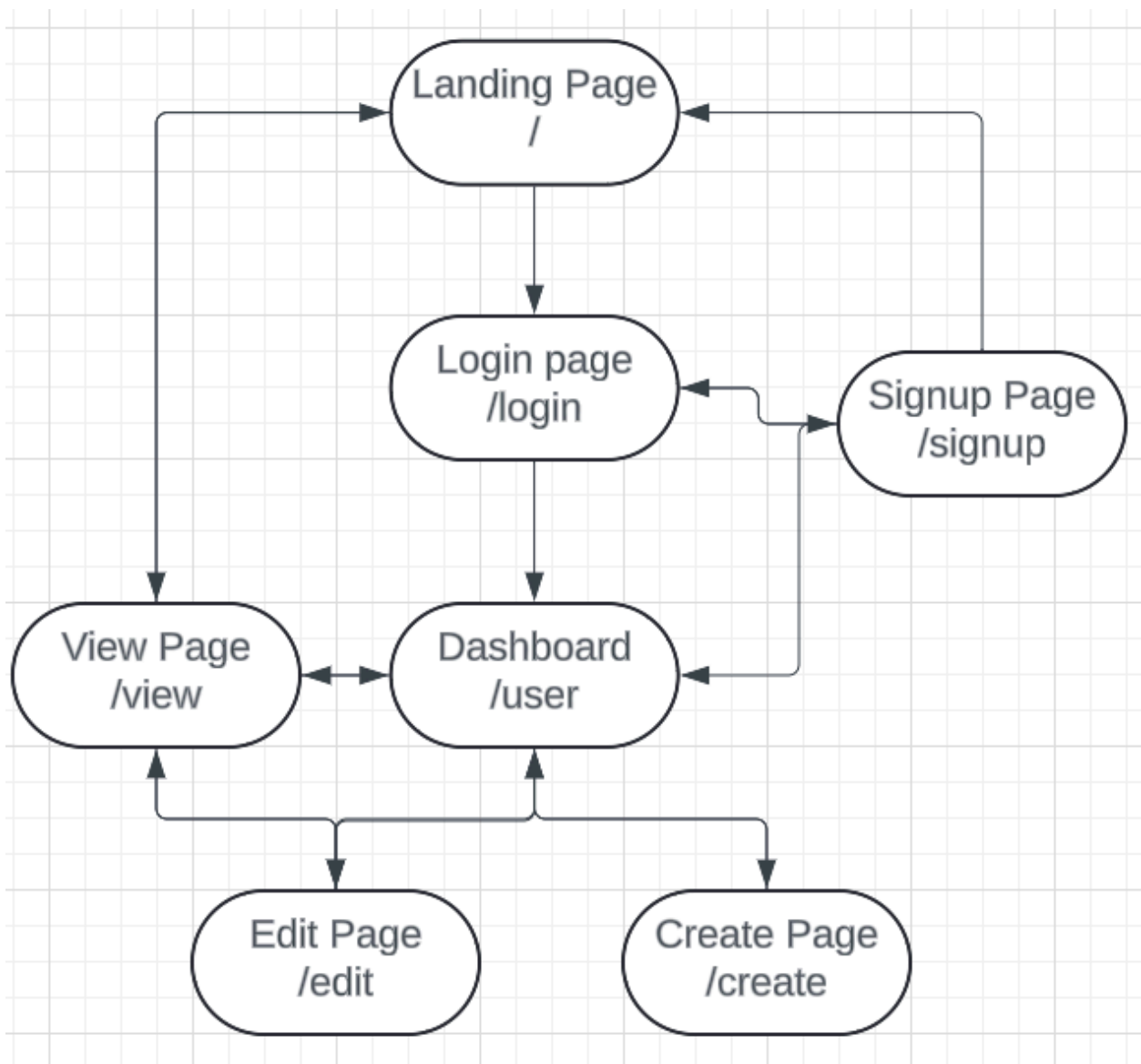


Database Organization - Tracy

- 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)

- Contains all the blog titles and the username who owns the blog
- username_blogtitle(entry# INTEGER, entry TEXT)
 - When looking for a specific blog, look through the DB splitting the table name for characters before “_” and text after “_” and check they match the desired blog
 - Cannot let usernames end with “_” or blog titles start with “_”

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 (Through search boxes)

(/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 and content of their new entry within their 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. If the user is the creator of the blog, an additional edit button is added.

(/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

Wen

- Allowing for user sessions and requests

Kyle

- HTML Templates and Jinja

Tracy

- Hosting through Flask and routes between pages