

2 Whites And A Gray - Nada Hameed, Gitae Park, Brianna Tieu

SoftDev

P00: Move Slowly and Fix Things

2022-11-02

time spent: 1 hr

Target Ship Date: 2022-11-28

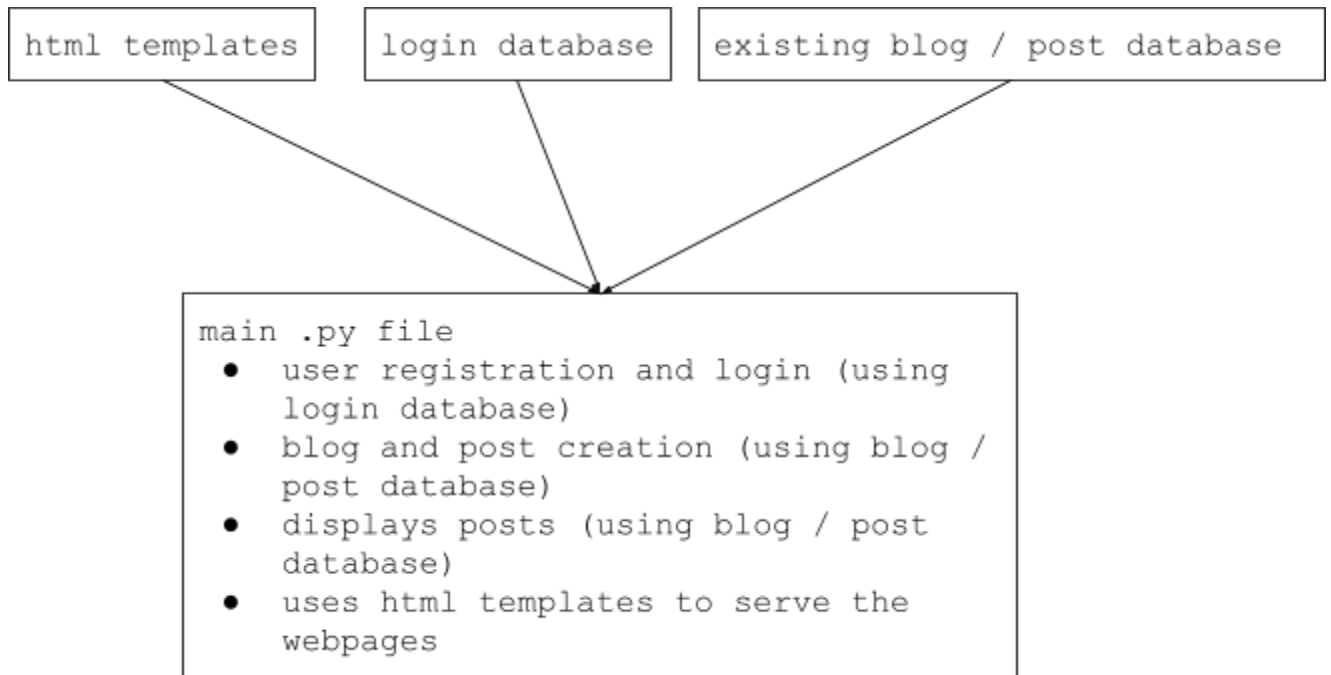
Program Components:

- html templates for the login / registration page, main blog, blog creation page, blog editing page
- database of logins (usernames and passwords)
 - inputs from registration form submission
 - used to check for any existing users when creating new accounts and correct password input
- databases of user blogs and posts
 - allows user to edit their previous posts
- python file to bring all the components together
 - uses Flask to deploy website
 - allows users to create new accounts and/or log into existing accounts
 - allows users to create new blogs and posts
 - displays other posts

Component Relationships:

- html templates - create the skeleton for the website's pages (what we want users to see on the local page)
- login database - has the data for the user logins, necessary for the user registration and login feature
- blog database - necessary for user editing

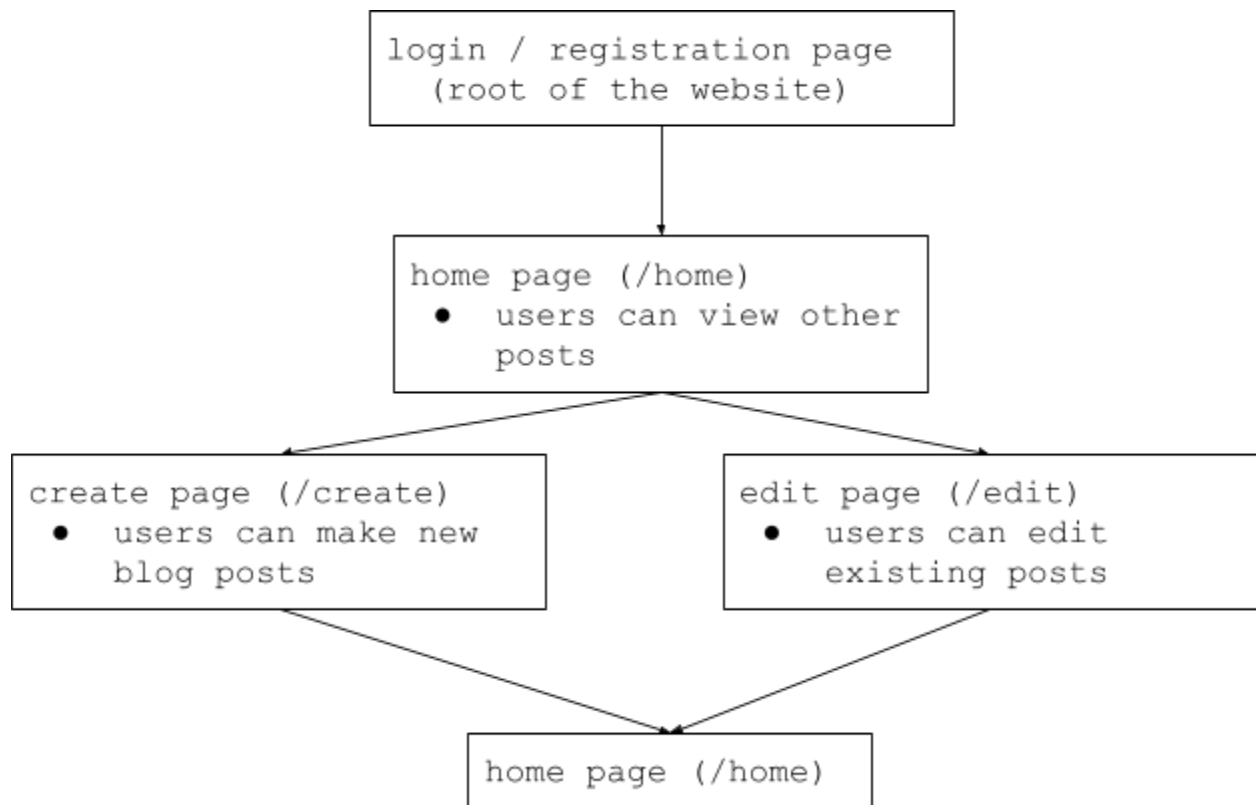
- main python file - takes elements from the other files, calls Flask to render the templates to serve a webpage for the user
 - **Component Map:**



Database Organization:

- Login database
 - Username
 - Password
- Post Database
 - Name
 - Author
 - Body / Content of the Post
- Blog Database
 - Creator
 - Posts

Site map for the front end:



Required Tasks:

- Create html templates (Brianna)
 - login/registration page
 - new blog creation page
 - home blog page (where users can view other blogs)
 - blog editing page
- Login / registration capabilities (Nada)
 - check for existing usernames and/or password requirements
- SQLite database population / creation (Gitae)
- Write main python code to deploy Flask (all)