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12-18-2020

P0: Da Art of Storytelling' (Pt. 2)

Scenario 2: Blog

Users can view other users' blogs. They can also create an account with a blog, and they can add entries to the blog or edit previous entries.

Project Timeline

Finished: (final)

- User registration and authentication (12/22)
- Creating and editing blog entries (12/28)
- Editing blogs and viewing other blogs (1/2)

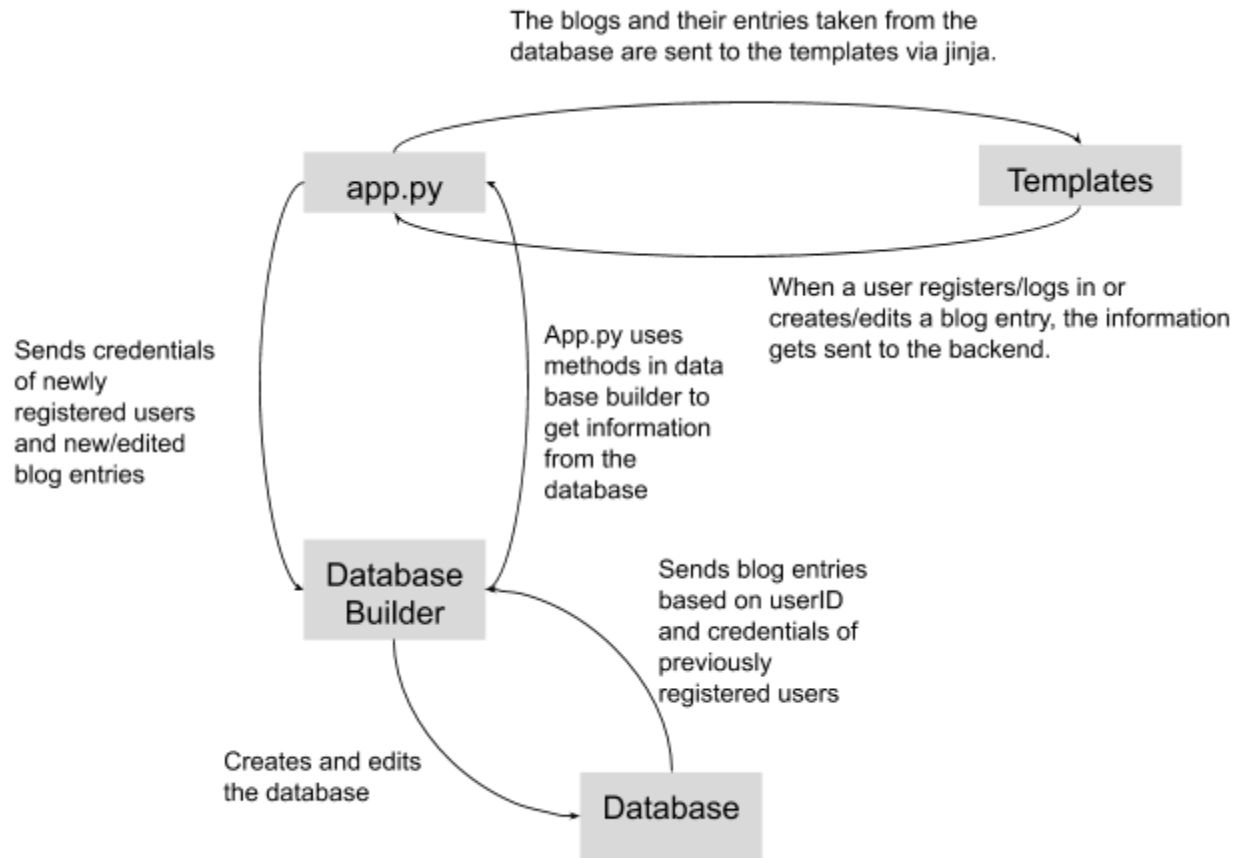
Additional Features (1/10):

- Implementation of CSS and Bootstrap
- Following blogs
- Including images and rich-type text in blog entries
- Commenting on blog entries
- Search for a blog by keyword

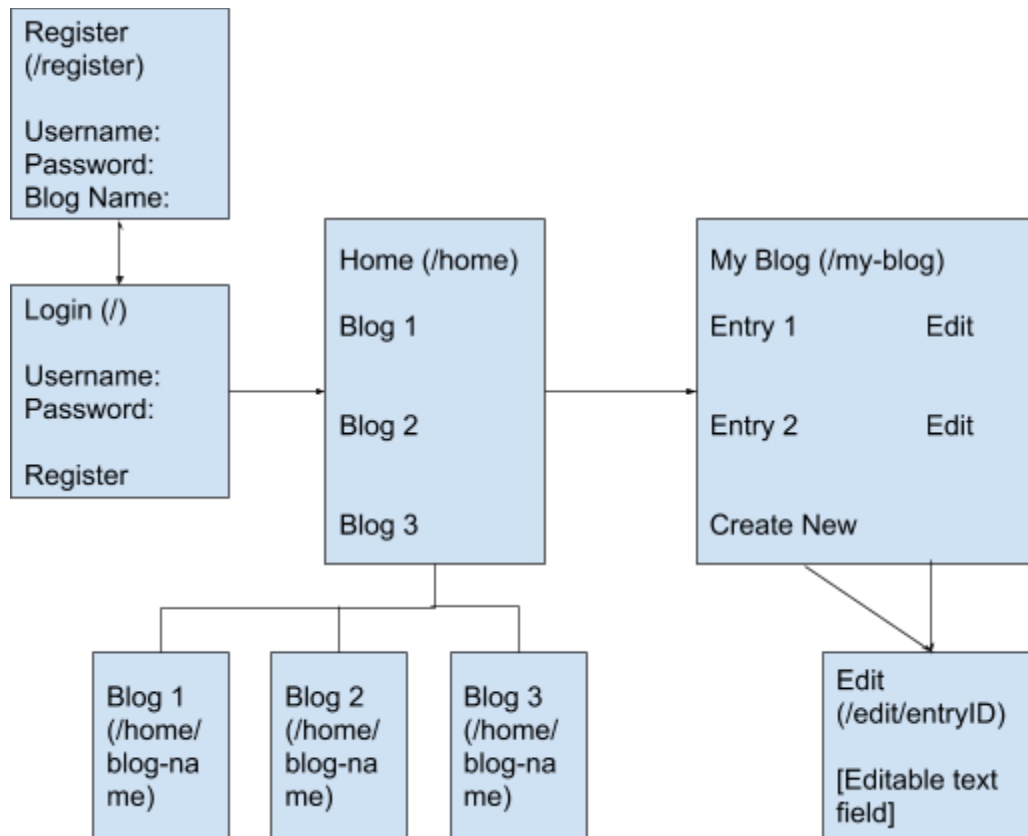
Components

- SQLite Database
 - Two databases, one for usernames/passwords and the other for entries. The entries are going to be filtered upon based on userID.
- app.py
 - Serves as the middleman between the database and templates
 - All information being sent/received by either will pass through the application.
- HTML templates
 - blog.html: One blog template that received entries from database depending on who is viewing the blog
 - edit-blog.html: Allows the user to edit their blog, and create/edit entries using the edit-entry.html form.
 - edit-entry.html: Allows users to create new entries/edit existing entries
 - home.html: Lists all existing blogs (by creation date, newest at top)
 - login.html: Logs the user in
 - register.html: Allows the user to create a new account and the blog for that account.

Component Visualization Map



Site Map for Frontend



Database Organization

users				
ID	username	password	blogname	blogdescription
INTEGER primary key	TEXT	TEXT	TEXT	TEXT

entries				
ID	userID	time	title	post
INTEGER primary key	INTEGER	DATETIME	TEXT	TEXT

Tasks

- Project Manager, Entries Database: Dragos Lup
- User Database: Renee Mui
- app.py: Ishita Gupta
- HTML templates: Ian Chen-Adamczyk

Folder Organization

- app/
 - app.py
 - db_builder.py
 - static/
 - css/
 - templates/
 - register.html
 - login.html
 - header.html
 - home.html
 - blog.html
 - edit-blog.html
 - edit-entry.html
- design.pdf
- devlog.txt
- flag.jpg
- README.md
- requirements.txt