

PurpleSnake

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P0 - Da Art of Storytelling (Pt. 2)

2020-12-22

Scenario Two

Webpage interactions: 01/06/21

HTML Templates: 01/06/21

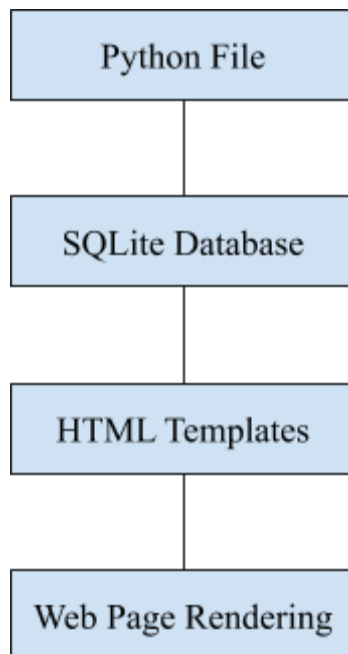
Databasing: 01/07/21

Project Deadline: 01/08/21

Program Components

- **Flask:** The framework for the web-based app which connects the frontend to the backend
- **SQLite Database:** Holds the information for the site
- **HTML:** Styles the frontend pages
- **Python file:** Connects Flask with SQLite and our web pages

Component Map



Databases

Username and password table:

username (only alphanumeric characters)	password
Text (Primary Key)	Text

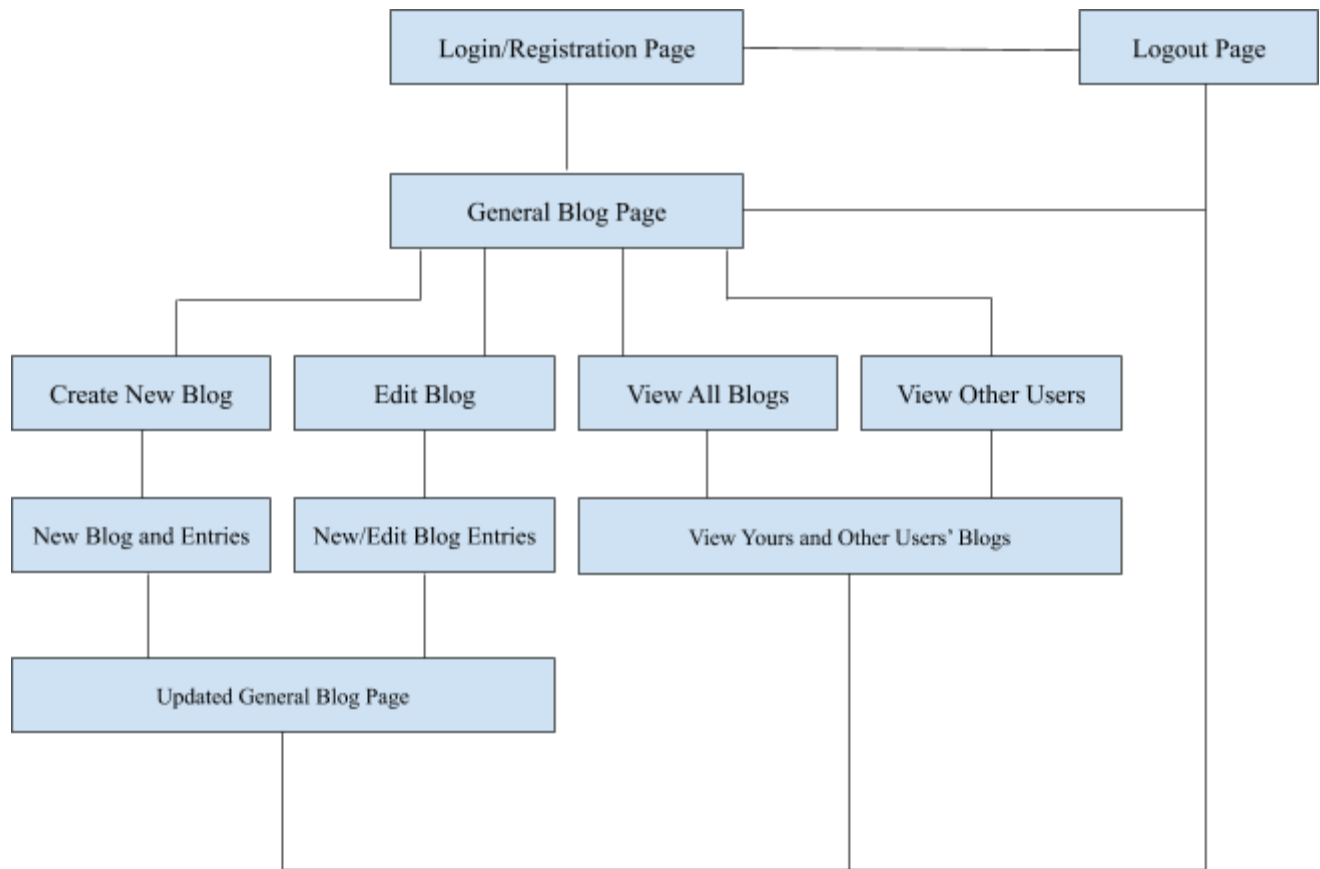
Blogs table:

blogID	user	name	description	time
Integer (autoincrement, primary key)	Text	Text	Text	Text

Entries table:

entryID	body	time	ofBlog
Integer (autoincrement, primary key)	Text	Text	Integer (foreign key that references blogID)

Site Map



Breakdown of Tasks

- Frontend and Databasing (Michelle and Yi Ling)
 - Create all HTML pages
 - How the website looks, not forms
 - User databases
 - Creating and updating databases given a new user or new entry
- Flask and webpage interaction (Pak)
 - Forms
 - Writing the html part of the forms
 - Processing forms
 - More so redirection to Yi Ling and Michelle's methods to input data into our databases and render them into our templates