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#SoftDev
#P0 -- Da Art of Storytellin' - design doc for a blog site
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<u>Blog Site Design Doc</u>

Program Components:

Python
- Controls access levels
    - User on own page
    - User on other page
    - Guest on any page
- Stores form data in SQLite tables

Flask
- Takes in user info from HTML forms
- Takes in blog info from HTML forms
- Accesses data from SQLite tables
    - User information
    - Blog data

SQLite
- Remembers user information (usernames, passwords)
- Remembers blog information (blog entry, blog date, which user created said blog)

HTML
- Displays blog home page (with suggested blogs to view, blog ideas, etc.)
- Displays login/logout/create-an-account page
- Displays user's personal blog pages
- Displays other users' personal blog pages
- Displays blog editing page

Site Features
- Registering for an account
- Logging in + Logging out
- Creating + Deleting blog
- Adding, Editing, Deleting blog entries
- View past blog entries
- View unpublished blogs / Save unpublished drafts

- Visit other users' blogs
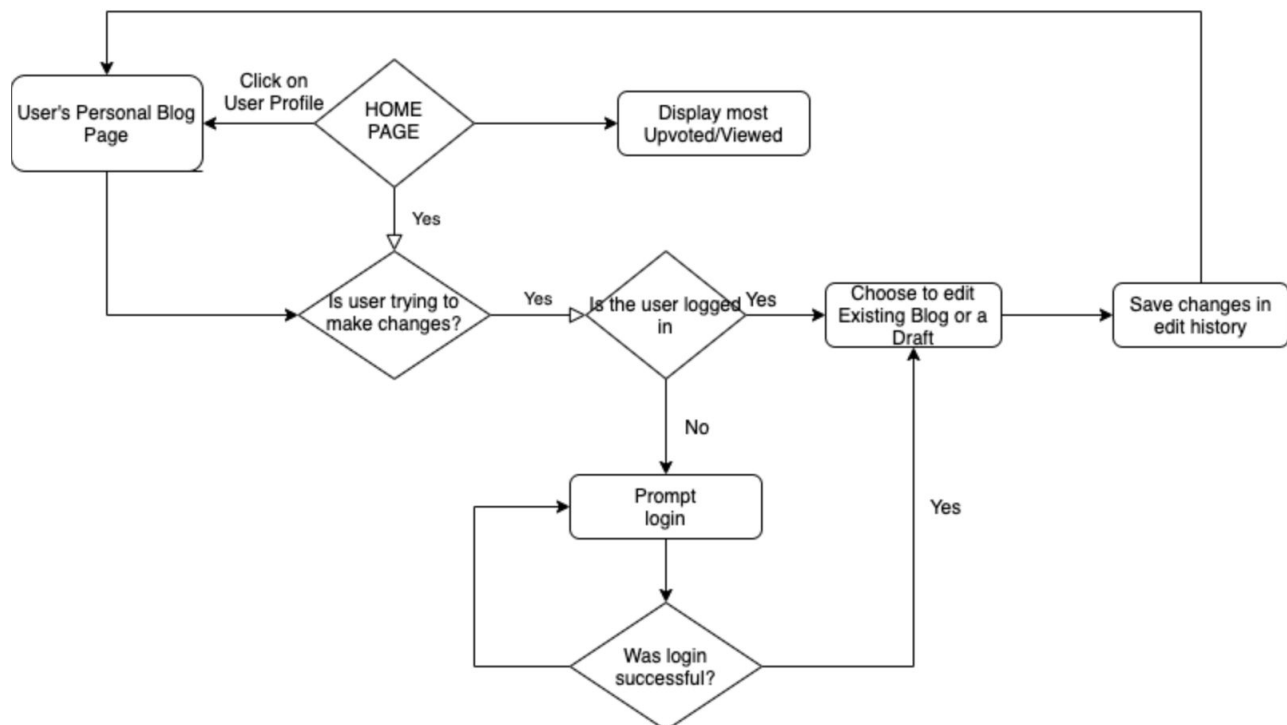- Upvote/views counter? (To show on the front page most popular that week?)

Component Map:

HTML form(when creating new blog) → Flask → saved into SQLite tables → Flask → HTML Template(displays the blog)

SQLite Table:

Username	Password	UserID	Published Entries	Saved Entries	User's Blurb	
String	String	Int	Table of Strings	Table of Strings	String	

Site Map:

Task Distribution:
Ryan:
William:
Jessica:

May: