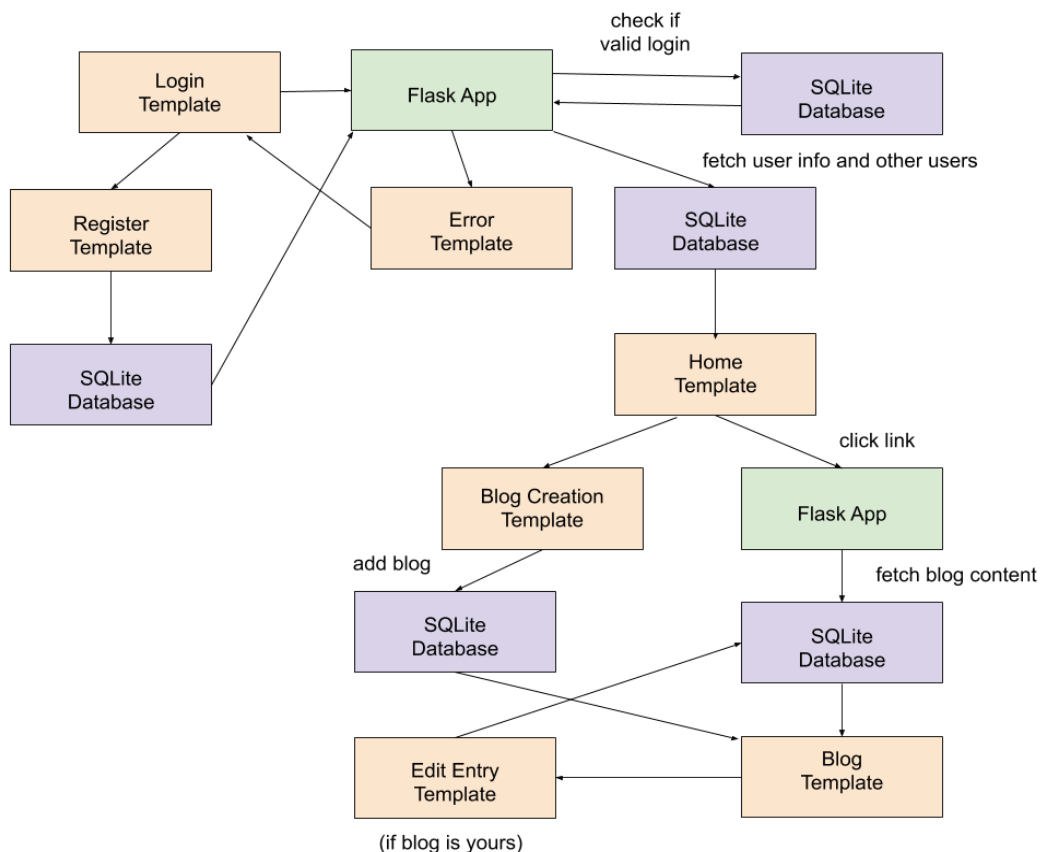


Program Components and Role of Each:

- **Flask App:** our app framework, manages all our routes
- **Jinja Templates:** has variables and expressions that will be replaced with values when rendered
 - login
 - home
 - user profile
 - error
 - blog creation
 - other user's blog
 - register
 - your blog
 - edit entry
- **SQLite Databases:** holds our information (users, passwords, blog entries, etc) to be used for our site
 - **Database Python Builder:** builds the database in a Python app
- **HTML/CSS Files:** code and styling for our front-end pages

Component Map:



Database Organization:

List of Users:

username	password	id
TEXT	TEXT	INT PRIMARY KEY

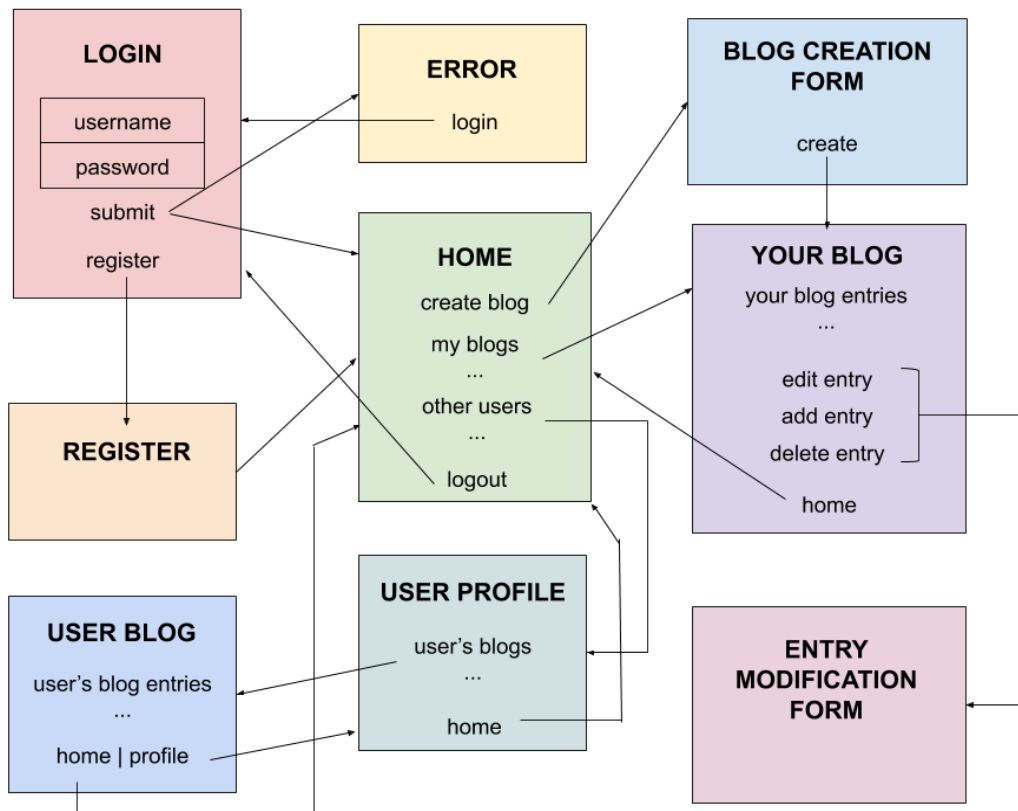
List of All Blogs:

user id	username	blog title	blog id	date created	blog bio
INT	TEXT	TEXT	INT PRIMARY KEY	DATE	TEXT

List of All Entries:

blog id	username	entry id	entry title	entry content (text only)	date created
INT	TEXT	INT PRIMARY KEY	TEXT	TEXT	DATE

Site Map:



Breakdown of Tasks:

- make Python database builder that will create the SQLite tables -- Ari, Karl
 - Python commands/functions to help access, insert, etc data
- make Flask app with different routes -- Eric
 - login, logout, register, error functionality
 - creating a blog
 - editing, adding, deleting entries
 - viewing other users' profiles
 - viewing your blog
 - viewing other users' blogs
- make Jinja templates -- Amelia, Karl
 - HTML: Amelia
 - CSS/Bootstrap: Karl
 - template for login
 - template for register
 - template for error
 - template for home
 - template for user profile
 - template for users' blog(s)
 - template for your blog(s)
 - template for blog creation
 - template for edit/add/delete blog entries

Timeline:

- **1st deadline:** login, register, error templates, check if session works, an HTML page to display database info (basic work on database builder and Flask app) -- end of break/very soon after break
- **2nd deadline:** first attempt at fully functional site (as seen in site and component map), check if editing/adding/removing functionality works (editing should be the last thing we implement), all pages should connect to each other -- 3-5 days after 1st deadline
- **3rd deadline:** testing, fixing bugs -- 2-3 days after 2nd deadline
- **4th deadline:** any additional bonus features and styling (CSS) -- 2-3 days after 3rd deadline