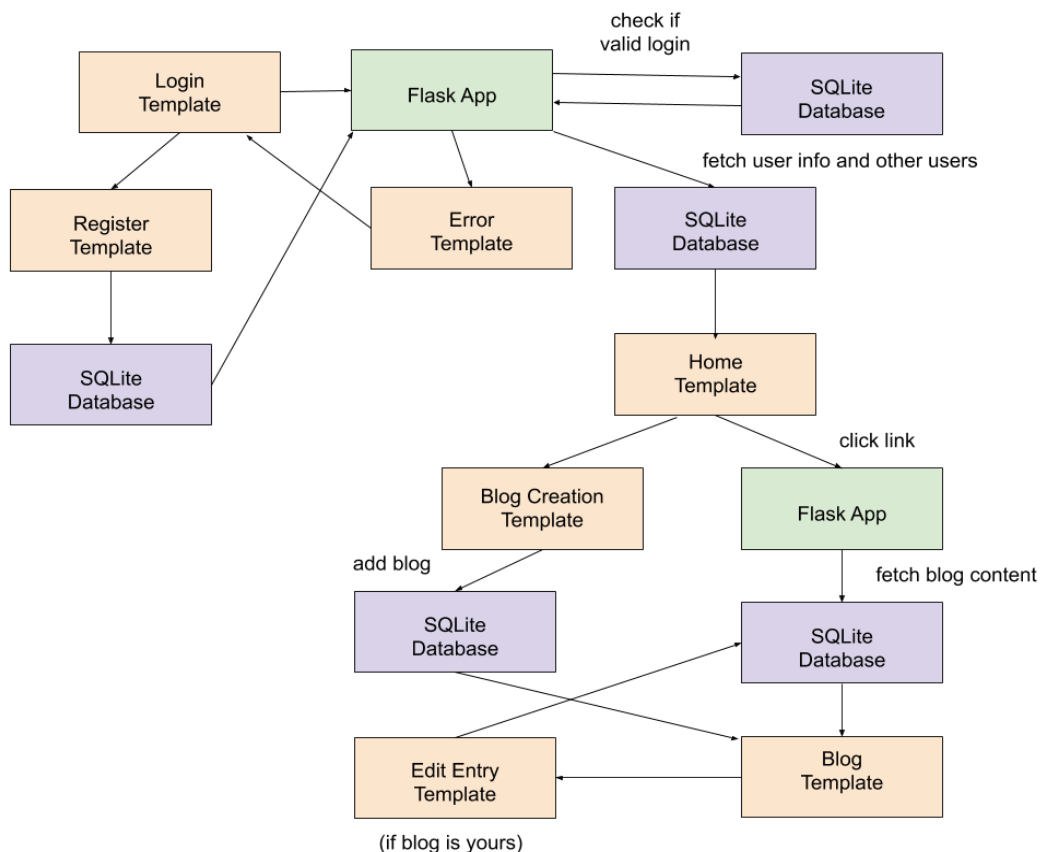


### Program Components and Role of Each:

- **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

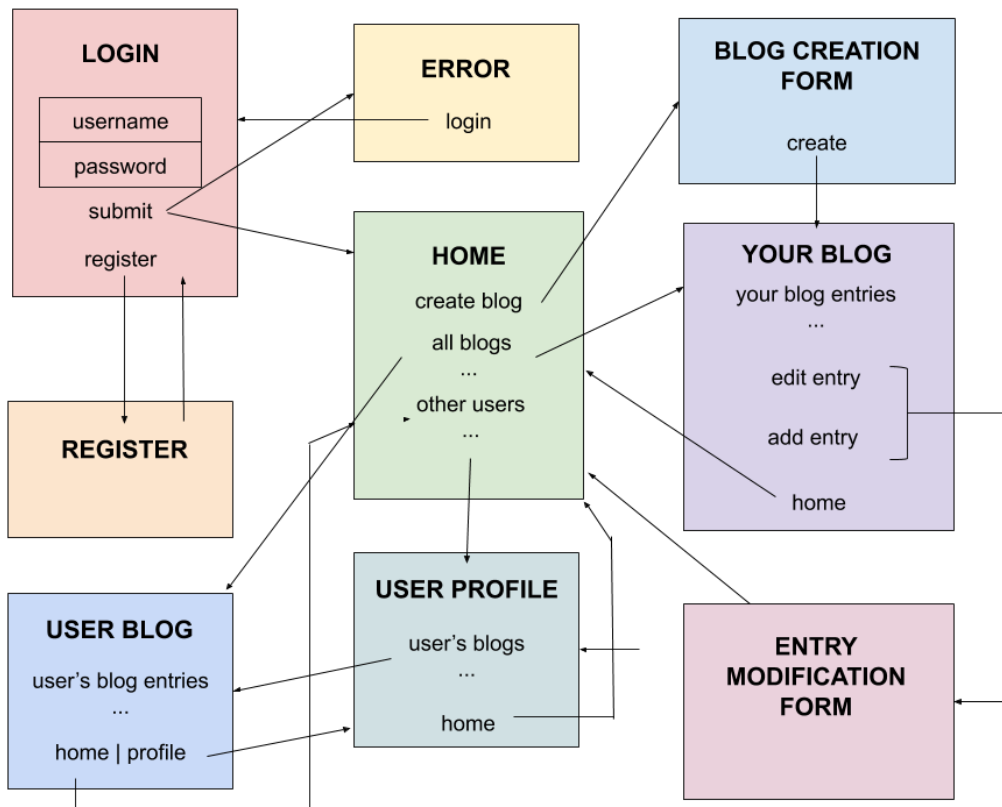
### List of All Blogs:

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

### 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 login/register error
  - template for blog creation error
  - template for add entry error
  - template for edit entry error
  - template for home
  - template for user profile(s)
  - template for users' blog(s)
  - template for your blog(s)
  - template for blog creation form
  - template for add blog entries form
  - template for edit blog entries form

### **Timeline:**

- **Jan 6:** first attempt at fully functional site (as seen in site and component map)
  - templates, check if session works
- **Jan 8:** testing, fixing bugs, check if editing/adding/removing functionality works, all pages should connect to each other, CSS styling