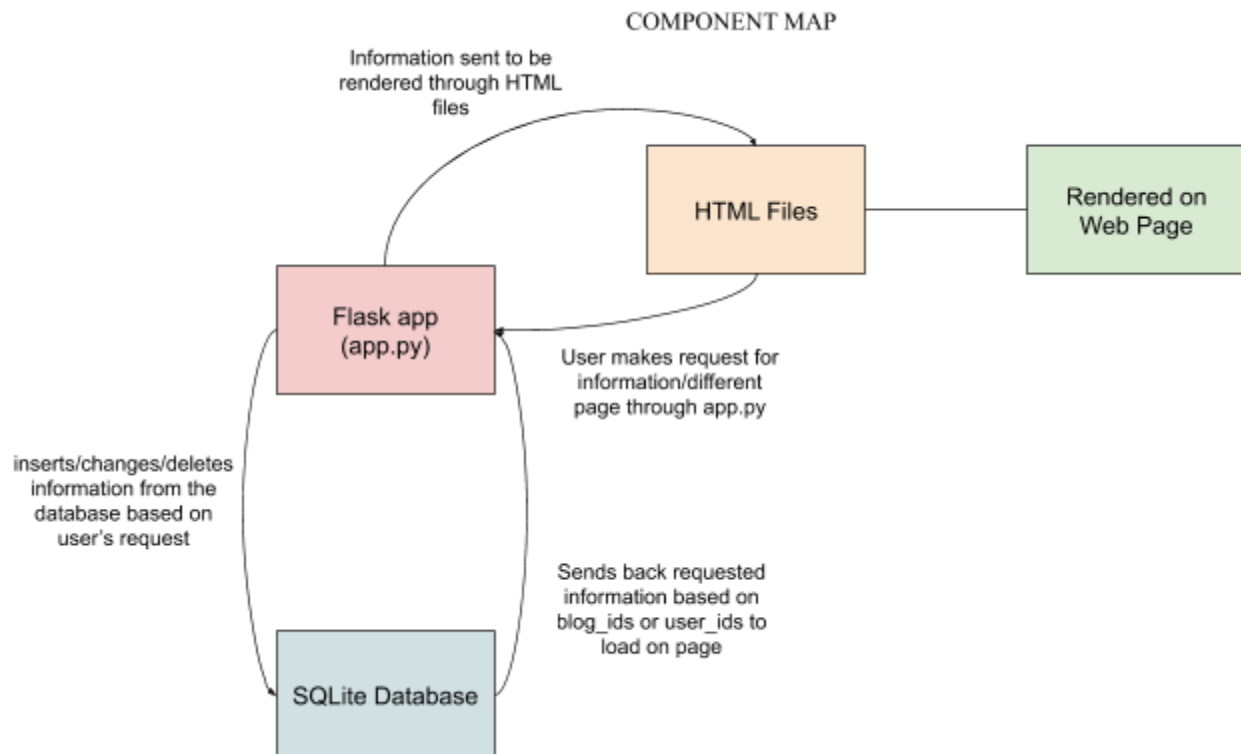


Team Lach On (Maddy Andersen, Dean Carey, Kelly Huang, Erin Lee)  
SoftDev — Rona Ed.  
P0 — Da Art of Storytelling: DESIGN DOCUMENT  
Due 2020-12-22

### Program Components and Role of Each

- **SQLite Database:** holds our data and information so we can access it to display on the site
  - updates with edits to blogs and existing entries
  - Creates new tables for new blogs
- **Flask:** the framework for our web-based app, connecting and managing the routes and functions
- **Python:** works with Flask, directs our functions and renders templates
  - Pulls information from SQLite and sends to Flask app to be displayed on page
- **HTML/CSS:** foundation and styling for our front-end page



## Databases

BLOGS (list of all blogs)

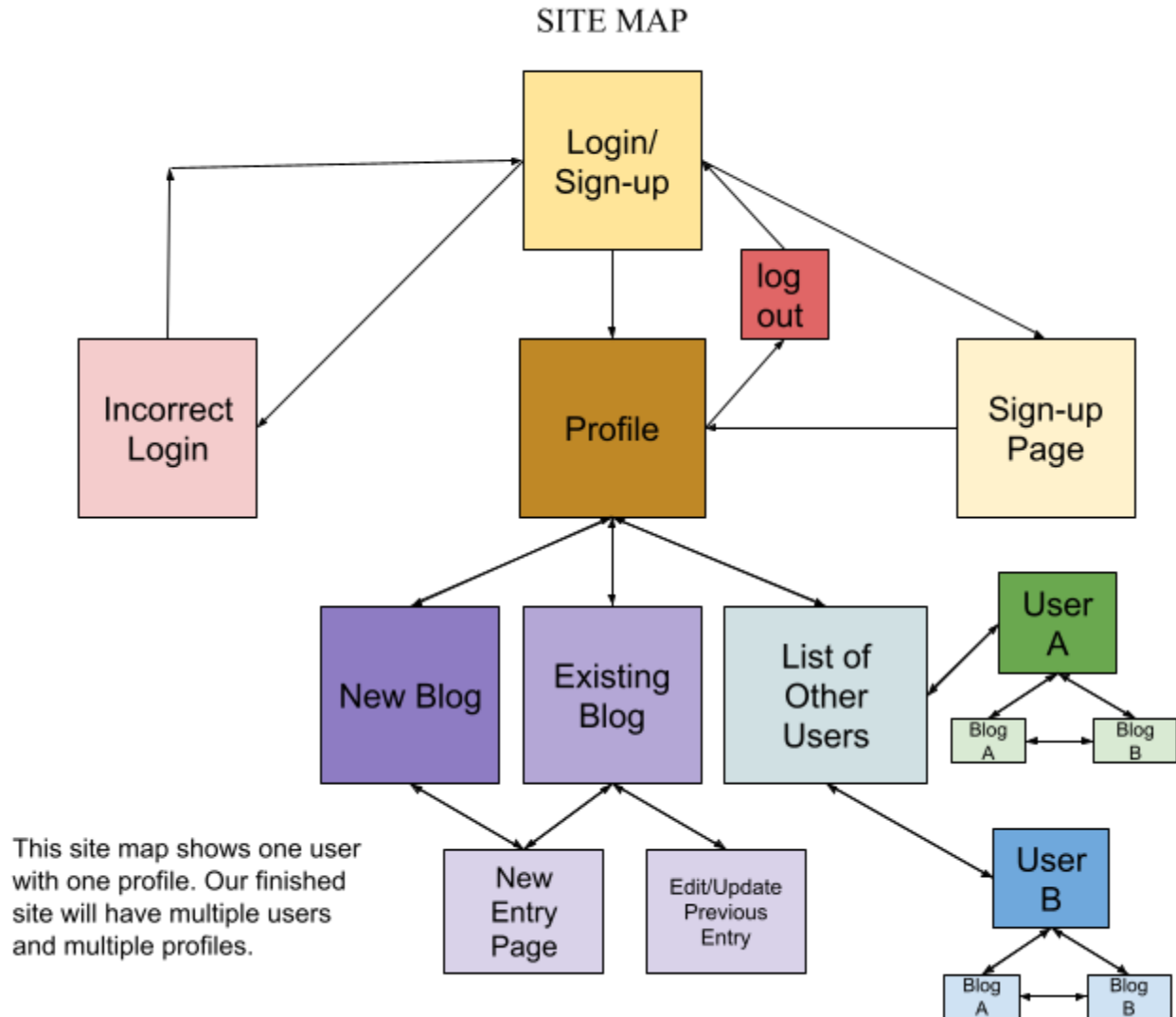
blog_id	name	user_id	creation_date**
integer	text	integer	text

ENTRIES (one table per blog)

entry_id	blog_id	title	content	creation_date**
integer	integer	text	text	text

USERS (list of all users)

user_id	username	first_name	last_name	password
integer	text	text	text	text



### Task Breakdown (due 1/08)

- In general, we all need to figure out how to connect databases to pages (how to access/print tables onto the Flask app (can only view in terminal currently))
- We also need to figure out how to create and manage sqlite tables without csv files
- Everyone will be responsible for creating the python, sqlite, and html files associated with their respective tasks
- **Login/Sign up** (Dean) 1/04-05
  - Registering users (setting up database of users and passwords, matched with user's profile link)
  - Adding a row to table of users, passwords, and user information
  - Set up login/register page, sign up page, and incorrect login page
  - Check login info with Sqlite table of users and passwords
  - Link login/sign up page with incorrect login page

- Link login/sign up page with sign-up page
- Link login/sign up page with profile
- Link profile with logout page, link logout page with login/sign up page
- Add session to keep track of the logged in user
- **Create a new blog, view an existing blog, update/edit blog** (*Maddy and Erin*) 1/05-06
  - Create new blog page
    - Create table
    - Add row to table of blogs
  - View existing blog(s)
    - For each blog, show what is currently in sqlite table (List all entries of a blog's table)
    - Link new entry page
    - Link edit an existing entry page
  - New entry page
    - Add an entry → add a row to the Sqlite table
  - Edit an existing entry page
    - Edit data in Sqlite table
  - Link profile page with new blog page and existing blog(s) page
- **List of all other users (excluding current user) + profile page** (*Kelly*) 1/06-07
  - Create viewable profile page for each user
    - Links to all of user's blogs
  - List of all users (with links to their viewable profile)
  - Once the current visitor clicks on a profile, they should see a list of user's blogs
  - Once visitor clicks on a blog, they should be able to read all entries within that blog