

Third Huge Freckled Elephant

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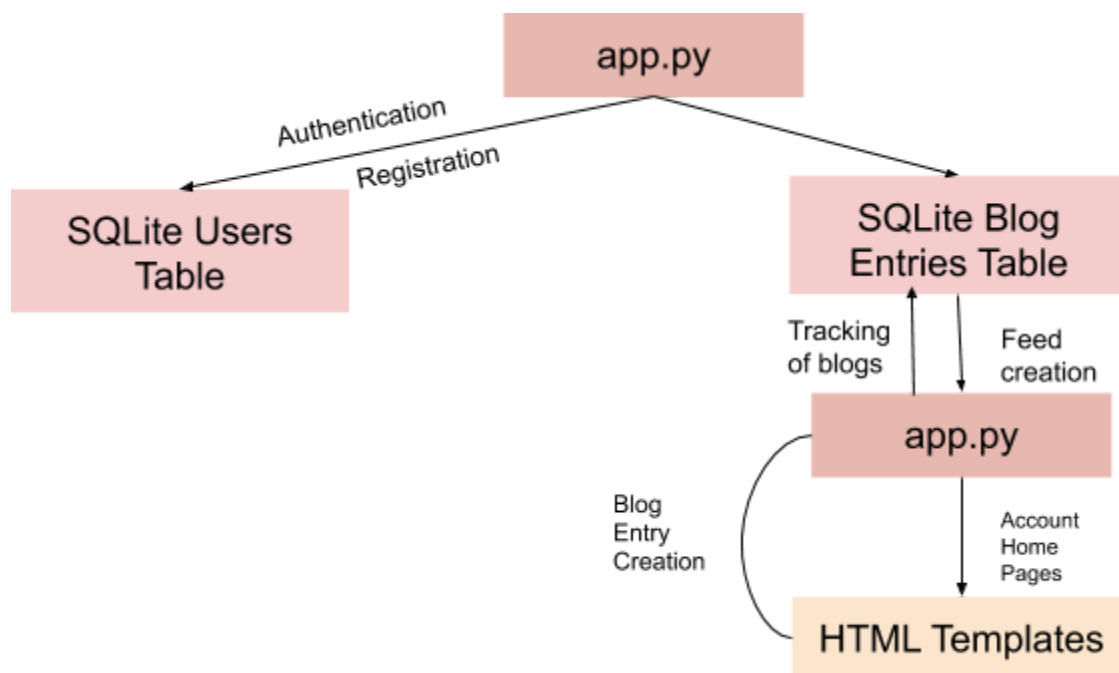
P0 - Da Art of Storytelling

Due 2020-12-22

Program Components + Relation:

- SQLite Database of Entries/Blogs: creates tables to organize information
- Flask App: serves as the framework for the website and connects front and back end
- HTML Templates and CSS: makes information user-friendly and easy to navigate

Component Map:



Database Organization:

- Database will organize the different users and their information
 - Table One keeps track of their usernames and passwords
 - Table Two keeps track of blogs and their posts -- creation of main feed chronologically would be easier this way
 - Table Three keeps track of individual posts
- Examples:

USERS

user_id (text, primary key)	username (text, unique)	password (text)
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uuid	elephant	123pass
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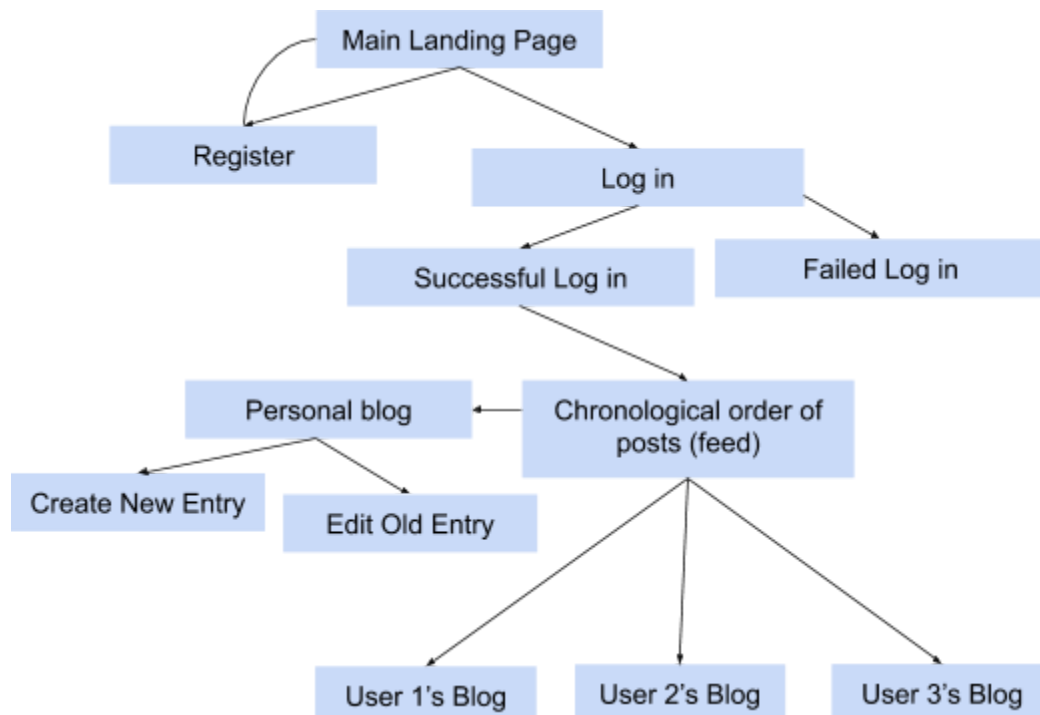
BLOGS

user_id (text)	blog_id (text, primary)	blog_name (text)	post_date (smalldatetime)
uuid	uuid	"How I Spent My Holiday"	yyyy-mm-dd hh:mm:ss

POSTS

user_id (text)	blog_id (text)	post_id (text [uuid], unique)	post_date (smalldatetime)	title (text)	content (text)
uuid	uuid	uuid	yyyy-mm-dd hh:mm:ss	"What I Got for Xmas"	"Lots of content"

Site Map:



Pages and Linkages:

- Main Landing Page
 - Register new account

- Log into existing account
 - If logged in, users see a feed of blog posts
 - From feed user can access other people's pages
 - All posts created on blog in chronological order displayed
 - User can also view their own page
 - New Entry Page
 - Edit old entry Page
 - All posts created by that user displayed in chronological order

Breakdown of Tasks (to be divided as move forward):

- Landing Page
- Create Account Feature
- Login Feature
- Home pages for each account
- Main feed page
- Linkages between main feed and home pages for each account

Roles Assigned

- Ethan Shenker (PM)
 - Creation / Maintenance of Post database
 - Feed Creation Mechanism
 - Creation of posts within a blog
 - Creation / Maintenance of User database
 - Home Page Creation display Mechanism
 - Editing posts that already exist
 - Creation / Maintenance of Blog Database
 - Blog Creation Mechanism
- Saqif Abedin
 - Front end:
 - Main Landing page
 - Create feed page
 - Individual blog pages
- Andrew Jiang
 - Creation / Maintenance Blog database
 - Implement Login and Registration function
 - Creation of new blogs
- Constance Chen
 - Linkages to home pages
 - Front end:
 - Log in pages (Success, fail, registration)

Timeline:

- Deadline One: Creation of the two databases
- Deadline Two: Create main landing page and implement login functionality
- Deadline Three: Create user feed, profile and editing functions
- Deadline Four: Complete front end
- Deadline Five: Final check for bugs