Third Huge Freckled Elephant
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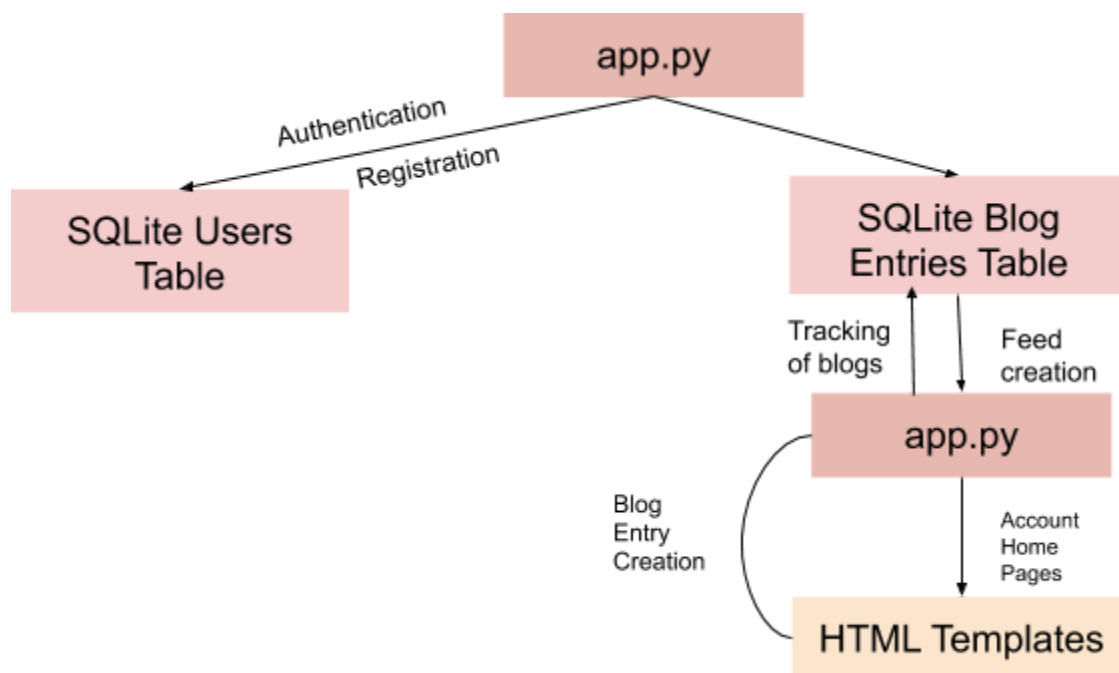P0 - Da Art of Storytellin'
Due 2021-01-xx

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)

uuid	elephant	123pass

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:
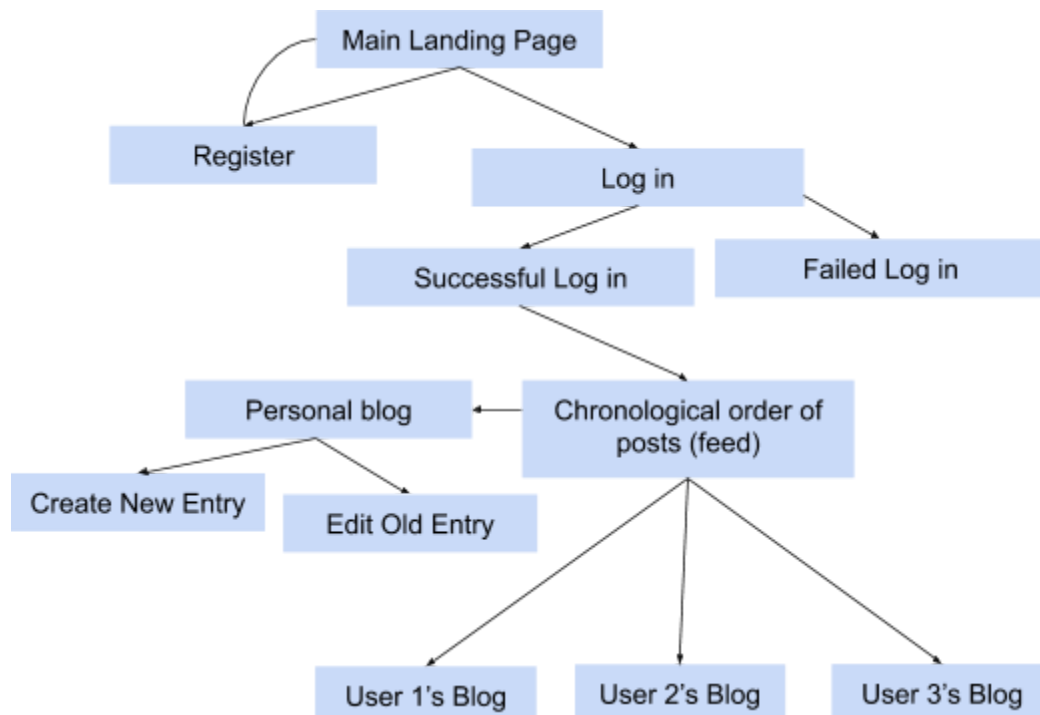
Pages and Linkages:
- Main Landing Page
  - Register new account

- 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
    - Feed → posts will be organized exclusively by date, not by user
  - User can also view their own page
    - New Entry Page
    - Edit old entry Page
    - All posts created by that user displayed in chronological order
      - Grouped by user chronologically on their main page

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
- 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:
- Over break: Creation of the three databases (Done)
    - Create user feed, profile, blog/post creation functionality
- Monday Night (01/04): Create main landing page and implement login functionality
- Wednesday Night (01/06): Complete front end
- Thursday Night (01/07): Final Aesthetic additions/ check for bugs