CircleTable — Christopher Liu, Yusuf Elsharawy, Deven Maheshwari, Naomi Naranjo
SoftDev
P00 - Move Slowly and Fix Things
2021-10-26

Design Components
- Flask - Hosts website and communicates with front and back end
- Python - Manipulates data received and controls log in/out function.
- Sqlite - Creates and maintains database. Will track user information and story board edits
- HTML (and CSS?) - Specifies homepage, login page, storyboard edit page, storyboard viewing page. We can use a CSS framework (like Bulma) to easily make things look nice

Component Map:
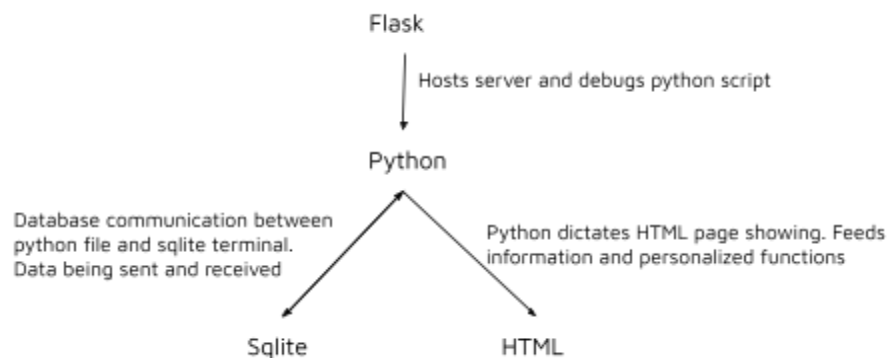
Database Organization
- Users: user_id (key, unique), username (unique), email (unique), password
- Stories: story_id (key, unique), creator_id, creation_timestamp, num_blocks, title, last_block_id
  - num_blocks is needed so we can get the last one quickly & add new ones
- Blocks: block_id (key, unique), creation_timestamp, story_id, author_id, position, block_text

Users

user_id	username	email	password
gzi2fI6V	devo123	devo123@stuy.edu	[a hash of the actual password]

Stories

story_id	creator_id	creation_timestamp	num_blocks	title	last_block_id
8Y12cg49	gzi2fZ6V	2021-10-28 21:39	1	3 Little Devos	6XAM5t7C

quick lookups for last

Blocks

block_id	position	story_id	author_id	block_text
6XAM5t7C	0	8Y12cg49	gzi2fZ6V	Once upon a time...

we can find each block by querying all blocks w/ a certain story-id

Sitemap
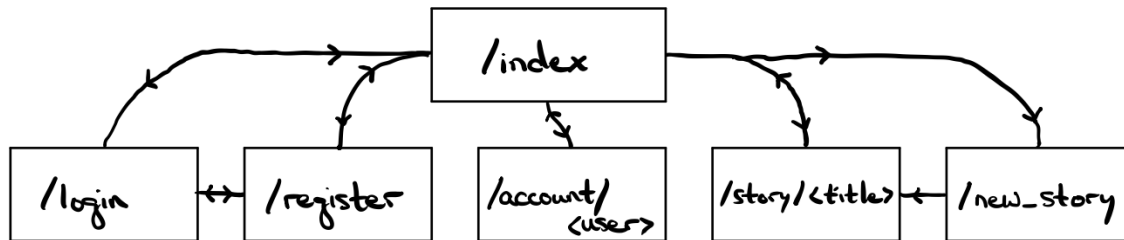
/index

Welcome!
Please login to continue.

New user? Register

/login

Log In

Username: [ ]
Password: [ ]

New user? Register

/register

Register

Username: [ ]
Password: [ ]
Confirm: [ ]
Email: _____
Existing user? Login

/index (logged in)

Hello, [username]!   account settings

+ New Story   Add to a Story
Stories You've
Contributed To
Alfred in Wonderland   3 Little Devos
  [first 150 chars...]   [latest sec]
Another Story   Another...

/story/<title> (contrib.)

Alfred in Wonderland

Ⓒ Once upon a time...
Ⓓ Some other part...

/story/<title> (not contrib.)

3 Little Devos

Ⓨ Not by the hairs on my chinny chin chin!

[Add to the story...]

Task Breakdown
- Setup basic Flask routes
  - Index – **Yusuf**
  - Login – **Yusuf**
  - Register – **Yusuf**
  - Account/<user> – **Chris**
  - Edit account details – **Chris**
  - Story/<title> – **Chris**
  - New_story – **Chris**
- Create HTML templates for pages
  - Index (not logged in) – **Naomi**
  - Index (logged in) – **Naomi**

- - Login - **Deven**
  - Register- **Deven**
  - Account details
  - Story (for contributors)- **Deven**
  - Story (for people who haven't contributed yet) – **Naomi**
    - Only last block
  - New story – **Naomi**
- Add CSS – **Chris**
- Setup SQLite database
  - Users - **Deven**
  - Stories- **Deven**
  - Blocks – **Yusuf**