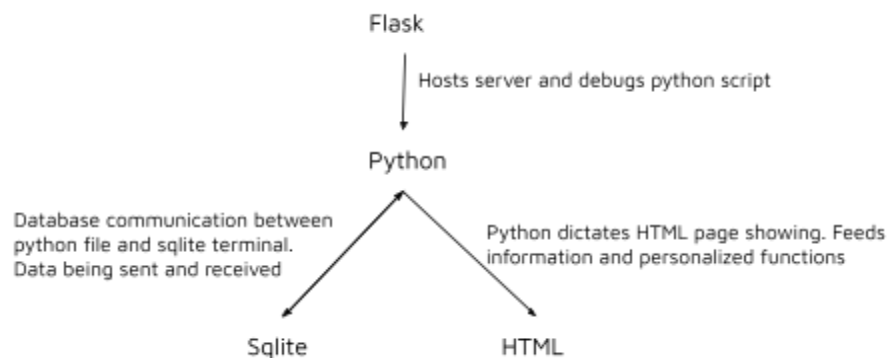


Design Components

- 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
gz:2fI6V	devs123	devs123@stuy.edu	[a hash of the actual password]

Stories

story_id	creator_id	creation_timestamp	num_blocks	title	last_block_id
8Y12eg49	gz:2fZ6V	2021-10-28 21:39	1	3 Little Devos	6XAM5t7C ↗

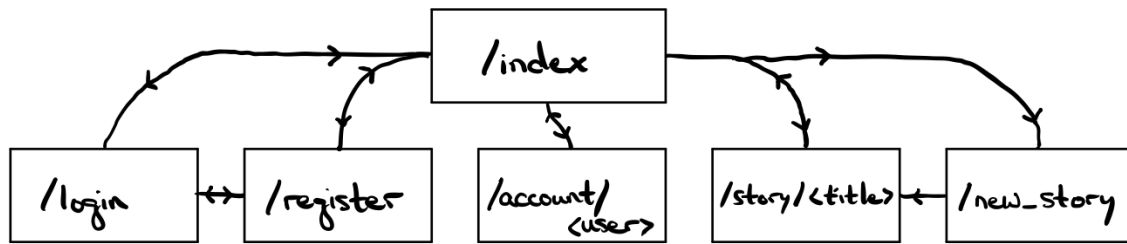
quick lookups for last

Blocks

block_id	position	story_id	author_id	block_text
6XAM5t7C	0	8Y12eg49	gz:2fZ6V	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]!

+ New Story

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

/story/<title> (contrib.)

Alfred in Wonderland

© Once upon a time...

© Some other part...

/story/<title> (not contrib.)

3 Little Devos

⑦ Not by the hairs on my
chinay chin chon!

/new_story

Create A New 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**