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SoftDev2 pd6  
P #05: Fin  
2019-05-10

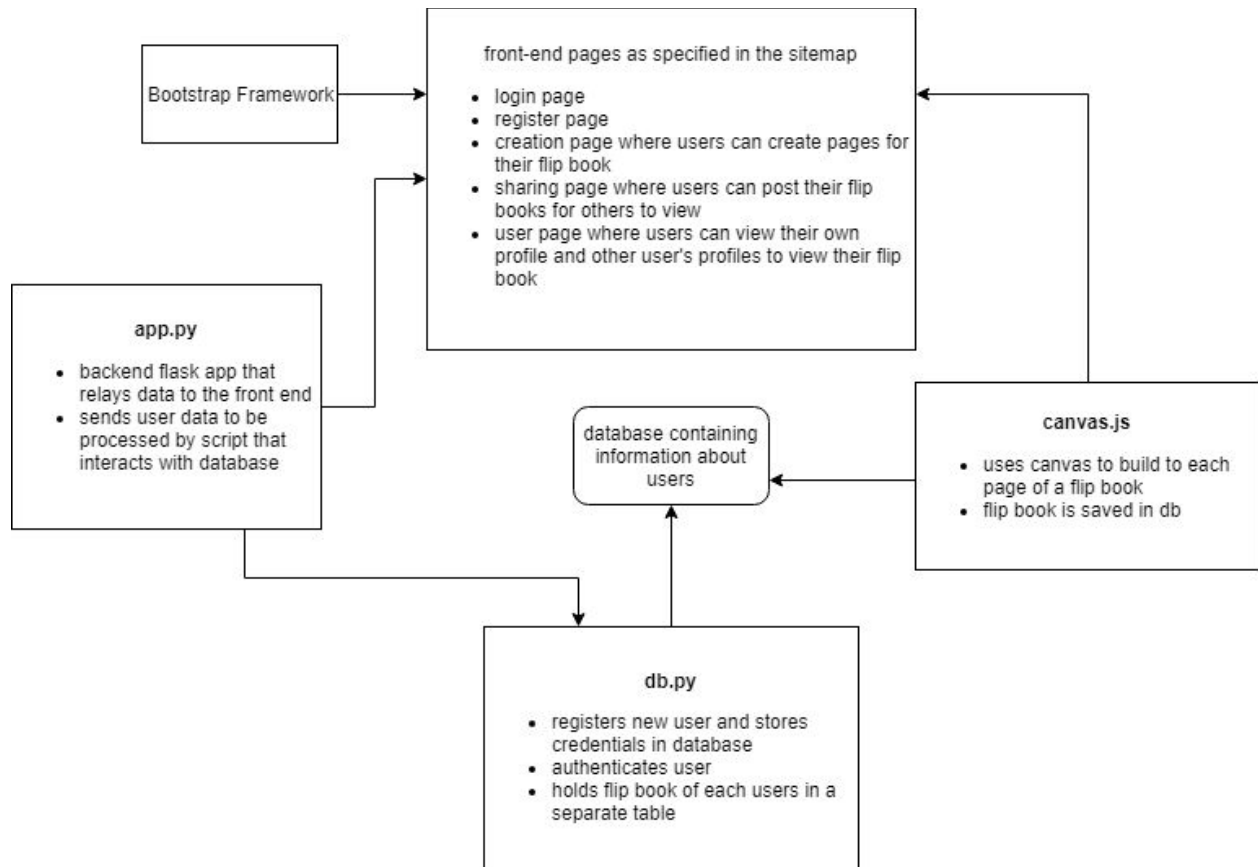
## The Flipbook Cook

Proposal Summary: We propose to make a website where one can make an animation via flipbook style, and a social aspect where one can post their own animations. This flipbook will be created mainly using Canvas Html. It will come preloaded with some shapes if the user wants to fiddle with them or direct drawing via the mouse. We will save these strings of images using SQL. Then the user will be able to post their own animation and comment on others on topic threads. A page designated for animations aimed for a certain topic. Users will be able to play, vote, and comment on other peoples animations.

### Program Components

- Login/Sign Up Page
  - Users are greeted a login page and non-registered users may register their accounts
- Page Creation
  - Users are able to use a Canvas to make pages for their flipbook
  - Also where the user will be able to join the pages into a flipbook
- Sharing Page
  - Users are able to post their completed flipbooks to share with other users
- User Page
  - Users can view their own profile and other users' profiles and see flipbooks the user has made

## Component Map:



## Database Schema:

Login
username: <i>TEXT</i> password: <i>TEXT</i>

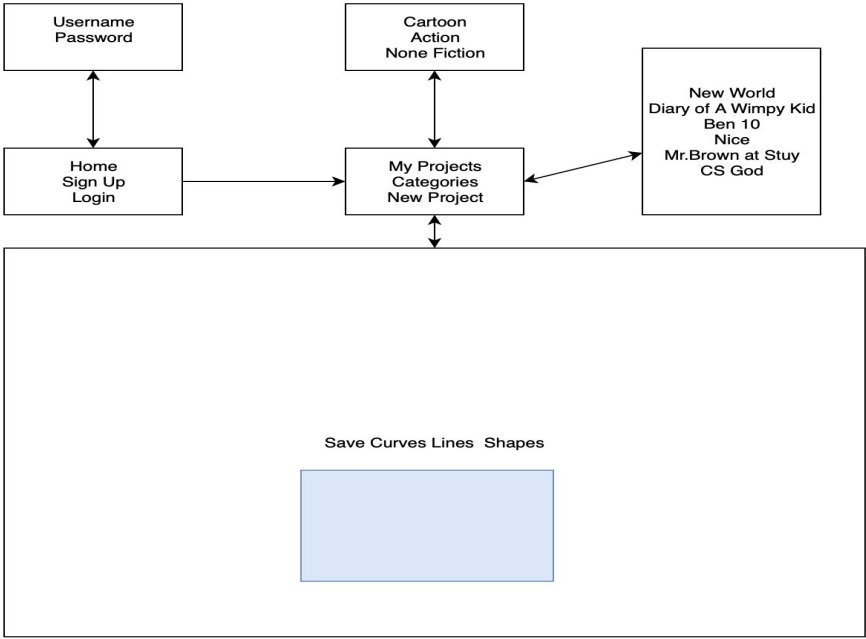
Flipbook
username: <i>TEXT</i> title: <i>TEXT</i> Image: <i>URL*</i> id: <i>INTEGER</i> timestamp: <i>DATETIME</i>

Interactions
id: <i>INTEGER</i> amt_likes: <i>INTEGER</i> amt_comments: <i>INTEGER</i>

Comments
id: <i>INTEGER</i> username: <i>TEXT</i> content: <i>TEXT</i>

**\*will use SQLAlchemy-ImageAttach to save images in SQL**

Site Map:



## Roles:

Thomas L: As project manager, Bhomas maintains the devlog, makes sure the team works well together, maintains the design documentation, stays on top of design changes, and handles minor coding issues.

Shin B.: Database to store accounts. Bootstrap to style the websites

Tim M: Html for basic pages, and the general skeleton of the websites.Flask to power it up.

Sarar A: Will work on canvas and JS portion of the project, to make the flipbook function.

## Timeline:

1. User registration and logging in/logging out
2. Use bootstrap to create pages
  - a. We have selected bootstrap as a front end framework because of the ease of navigation through their documentation, as well as being more familiar with it
3. Be able to take snapshots of the canvas and add to a database
  - a. Append snapshots into a flipbook
4. Makes flipbooks postable
5. Film/edit video