

Team xoxo -- Stella Oh, Winnie Huang, Helena Williams, Constance Chen  
Softdev Pd 1  
P3: ArRESTed Development, JuST in Time  
2020-04-19

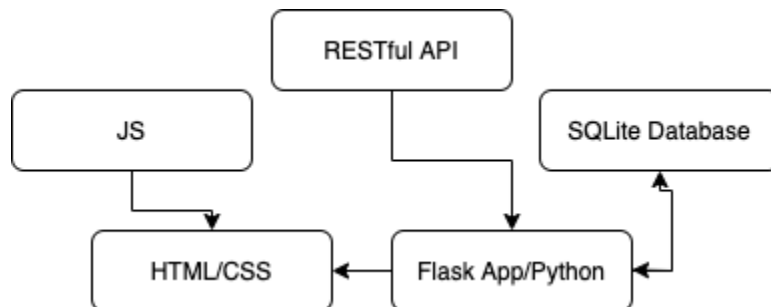
#### DESCRIPTION:

Our website is a serotonin provider for when you are feeling sad during quarantine. Users will see images of cute dogs and cats, activities for when they are bored, and advice slips. Users can bookmark these activities, images of cats and dogs, and advice slips in their own profile.

#### PROGRAM COMPONENTS AND ROLES

- **Python:** layers the application with “middleware” modules
- **Flask App:** serves as web server/delivery framework
- **HTML/CSS/Bootstrap:** templates and design of front-end pages
- **RESTful API:** provides data for webpage after key is created
- **JS:** enables dynamic and interactive experience on the webpage
- **SQLite3:** provides tables to store API data for caching purposes

#### COMPONENT MAP



#### DATABASE ORGANIZATION

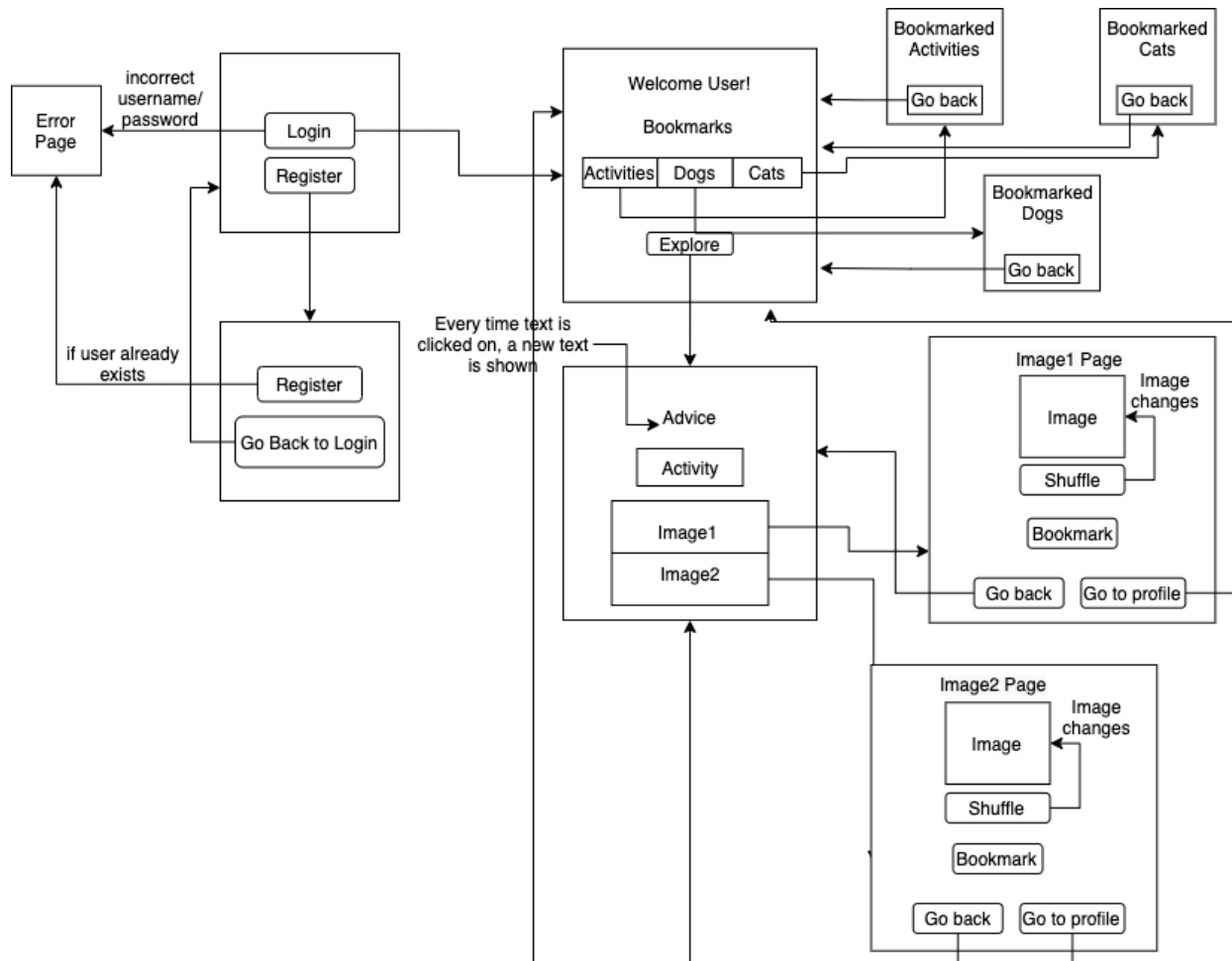
##### Users Table

ID	Username	Password
INTEGER	TEXT	TEXT

##### Bookmarks Table

ID	Activity	Cat	Dog
INTEGER	TEXT	TEXT	TEXT

## FRONT END MAP



## TASKS

- SQLite Database (Winnie)
  - Create database
- Flask App (Stella & Helena)
  - API linkages
  - Page linkages
  - Access database
- JS (Constance)
  - File for Homepage
  - File for Explore page
  - File for Image pages
  - File for Bookmark pages
- HTML/CSS (everyone)
  - Template for Login page
  - Template for Register page
  - Template for Error page
  - Template for Homepage

- Template for Bookmark pages
- Template for Explore page
- Template for Image pages

PROJECTED TIMELINE: COMPLETION (04/29)

- SQLite Database (04/26)
- Flask App (04/26)
- JS (04/27)
- HTML/CSS (04/28)