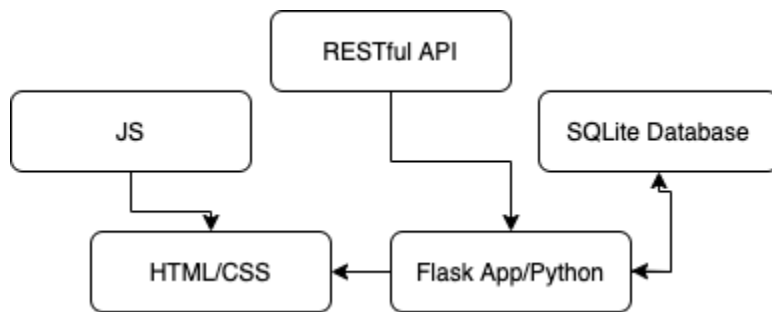


Team xoxo -- Stella Oh, Winnie Huang, Helena Williams, Constance Chen
Softdev Pd 1
P3
2020-04-19

PROGRAM COMPONENTS AND ROLES

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

COMPONENT MAP



DATABASE ORGANIZATION

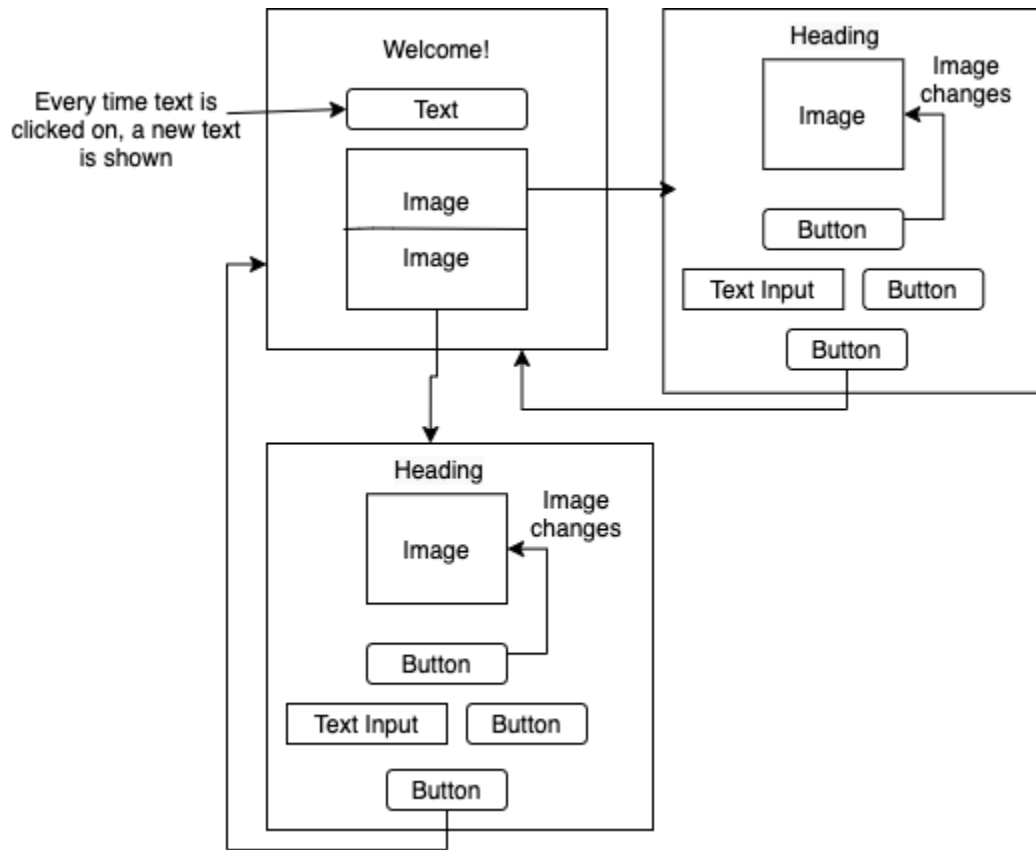
API Table

ID	Content	Image_URL
INTEGER	TEXT	TEXT

API Table

ID	Content
INTEGER	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 Subpages
- HTML/CSS (everyone)
 - Template for Homepage
 - Template for Subpage1
 - Template for Subpage2

PROJECTED TIMELINE: COMPLETION (04/29)

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