

SJS: Shinji, Jeffery, Sebastian
SoftDev
P00 -- Wiki
2022-10-27

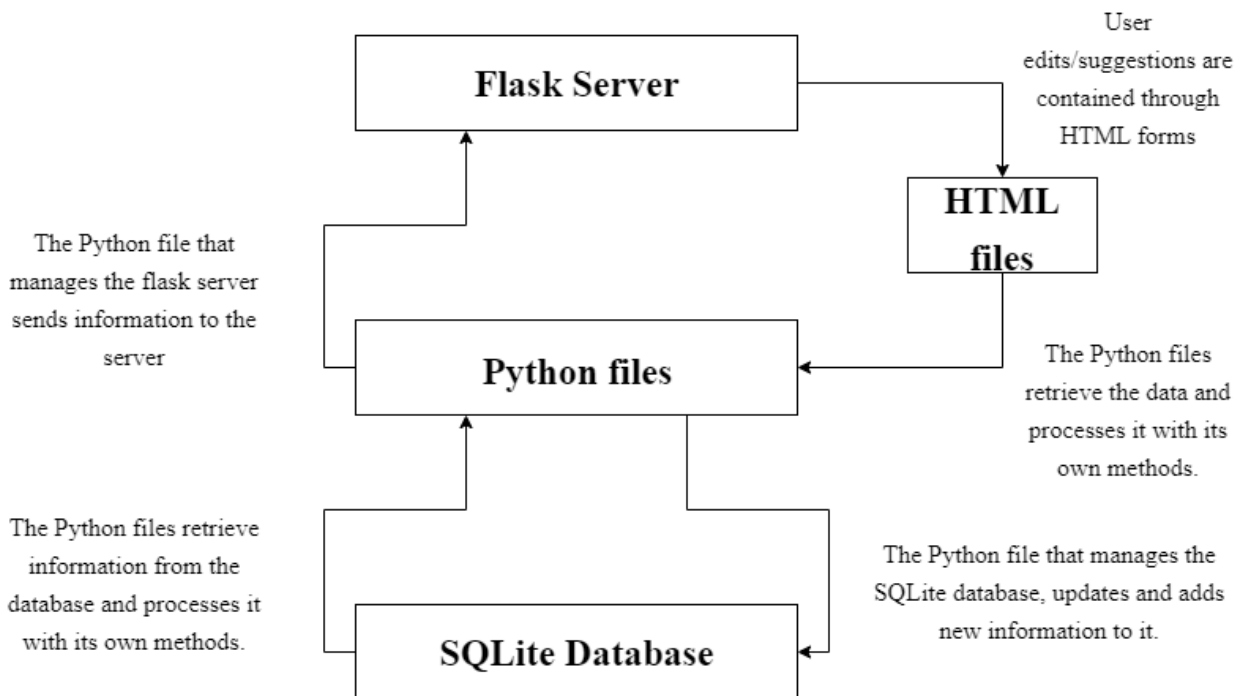
Wiki Design Doc

Program components:

- SQLite3 database to store information and can be accessed for various uses.
- Python file to run the flask server and manage collecting information from the site making changes to it (GET/POST).
- Another Python file for SQLite3 commands to manage the database and retrieve information from it.
- HTML file to store text and non-css structure. Ran by the Python file using Flask and also connects to them using app routes.

Component Map:

Summary(will add image later): Python is the middle man. It takes information from the database and processes and/or sends it to the flask server and also retrieves information from the flask server and processes and/or sends it to the database.



Site Map:

- Homepage
 - Shows popular pages on the wiki
 - Will have different headers each explaining a sub-topic of the main idea.
 - Allows for search bar functionality which can lead to other pre-existing websites or newly generated websites
- Informational Pages
 - Displays information about the topic
 - Info is separated into sections that user can jump to using hyperlinks
 - Recommends similar informational pages
 - Edit button on each section for users to contribute or correct information
- Headers and/or Side Bars
 - Links
 - More info
 - Pictures
- Moderation Page
 - Requires password to get in
 - See suggested changes on each page and section and has the ability to approve or reject them

Tasks:

- 1) Create Python file with Flask app to run project HTML file. - Jeffery
- 2) Obtain .csv data to be put into databases - Sebastian
- 3) Create Python file to utilize SQLite3 to convert .csv files to .db files - Shinji
- 4) Structure site and write info in HTML file - Sebastian
- 5) Integrate HTML and Flask app for site functionality using app routes - Jeffery
- 6) Run site using Flask - Shinji