SJS: Shinji, Jeffery, Sebastian
SoftDev
P00 -- Wiki
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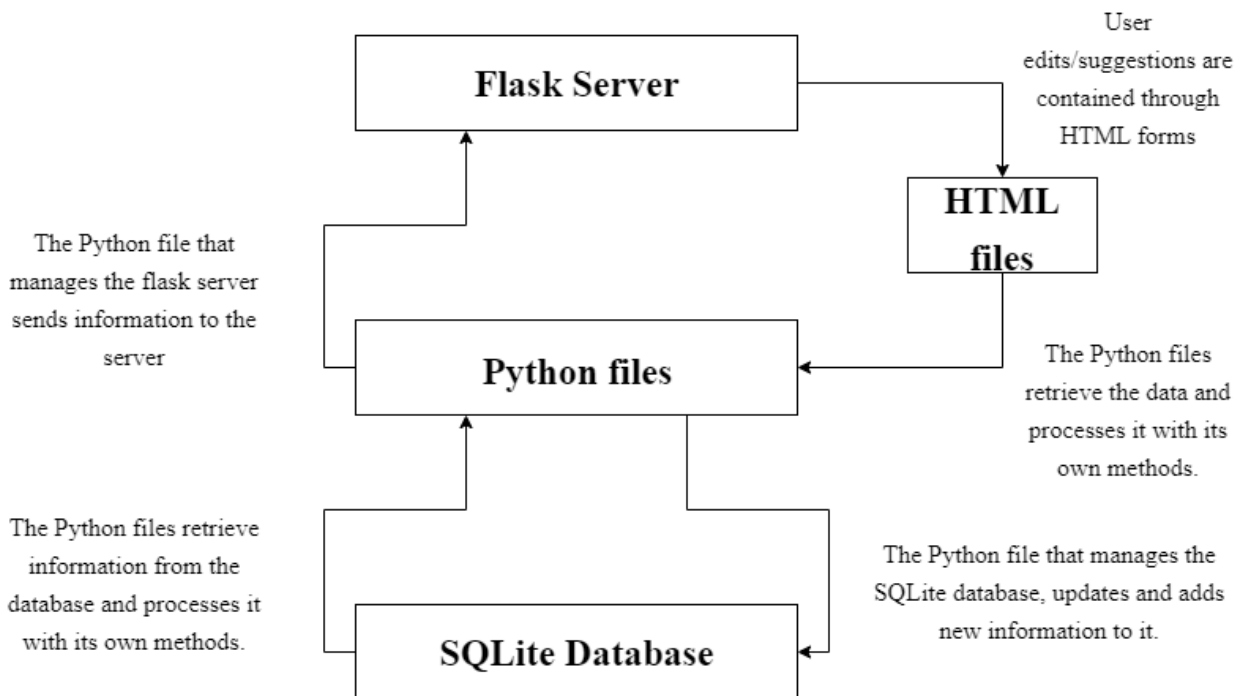

<u>Wiki Design Doc</u>

<u>Program components:</u>

-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.

<u>Component Map:</u>

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
    -Pages would each have certain tags based on what topics/categories that they cover. The similar pages recommended would be ones that have the same tag(s).
  - 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
    -There will be a check for certain requirements when making a password. The password created by the user will have to be 8 characters or greater, include at least one digit and be unique. The submitted password will be sent from the flask server back to the Python file and reviewed there to check if it meets the requirements.
  - 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