

Team Berd: Austin Ngan, Thomas Yu, Mark Zhu
SoftDev
P00: Half Quick
2021-10-25

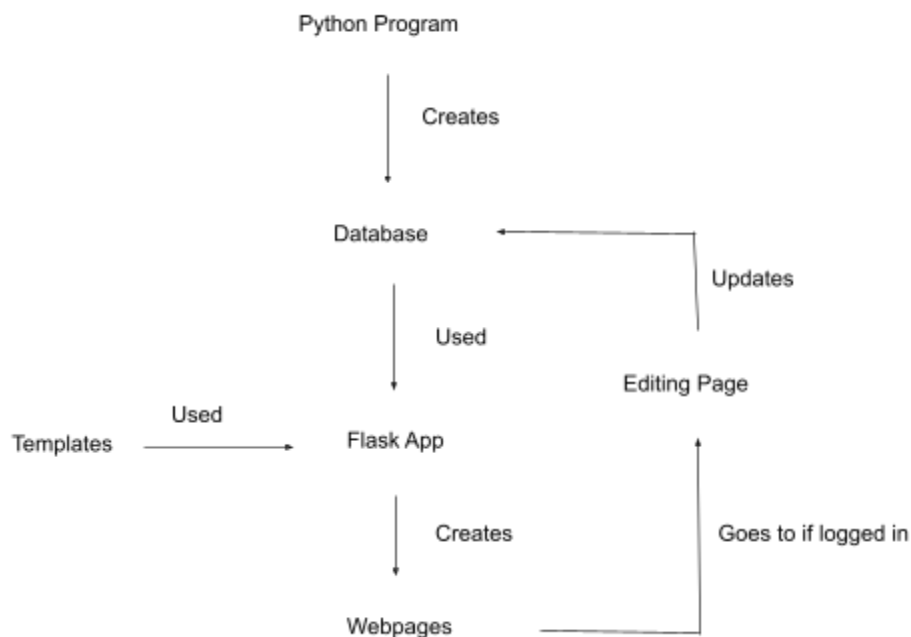
Wiki Topic: Minecraft

Program Components:

- Python Flask app to create all pages of the wiki
- HTML template files used to create the webpages for the home page and subtopics
- SQL database that stores links and data for each webpage
- Python program to read in data to and from the database
- Include clickable links in the .html files to traverse the wiki
- Sessions to create logins to allow users to edit the web pages

How the Components Relate:

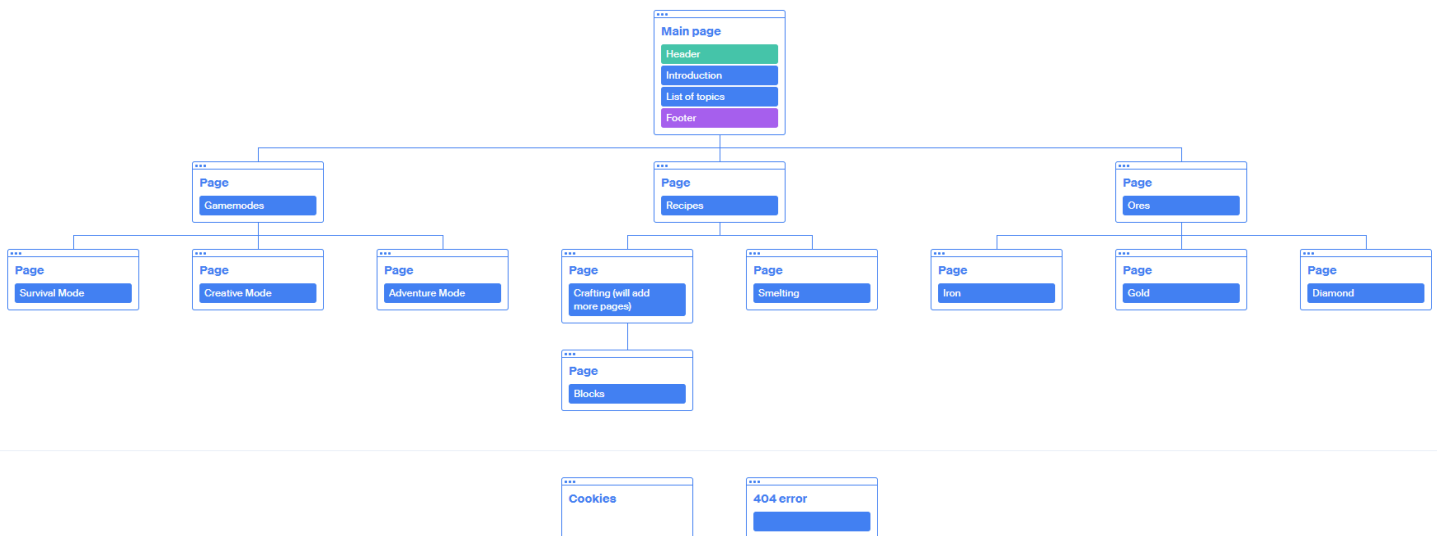
- Python program creates and fills in the database (if the table does not exist)
- The database is fed into the Flask app
- The Flask app uses the information stored in the database as well as the HTML templates to create the webpages of the wiki that the user will interact with
- From each web page there will be a way for the user to edit the information on the page if they are logged in
- When editing the web pages, the changes go back to the database to be updated on the webpages

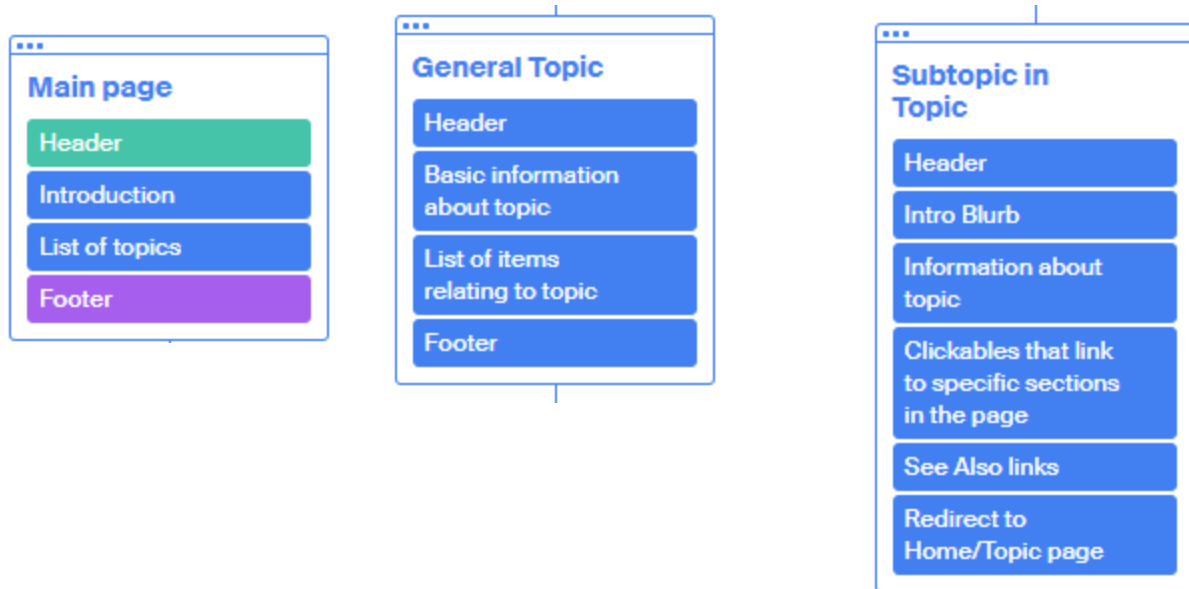


Database Organization:

- A table to store all the links/routes to each webpage of the wiki
- A table to store the information/text to go on each webpage
 - Multiple tables that correspond to each general topic
 - Contains information to be displayed for each subtopic
- A table to store usernames and passwords for user accounts

Site Map:





Subpages then contain topics pertaining to their specific subtopics
Specific subtopics have their own wiki page
Subtopics could cross-link to other pages that are in different topic subpages

Assignments of Tasks:

Front End (HTML Templates / Display): Mark

Flask Apps: Thomas

Database: Austin