

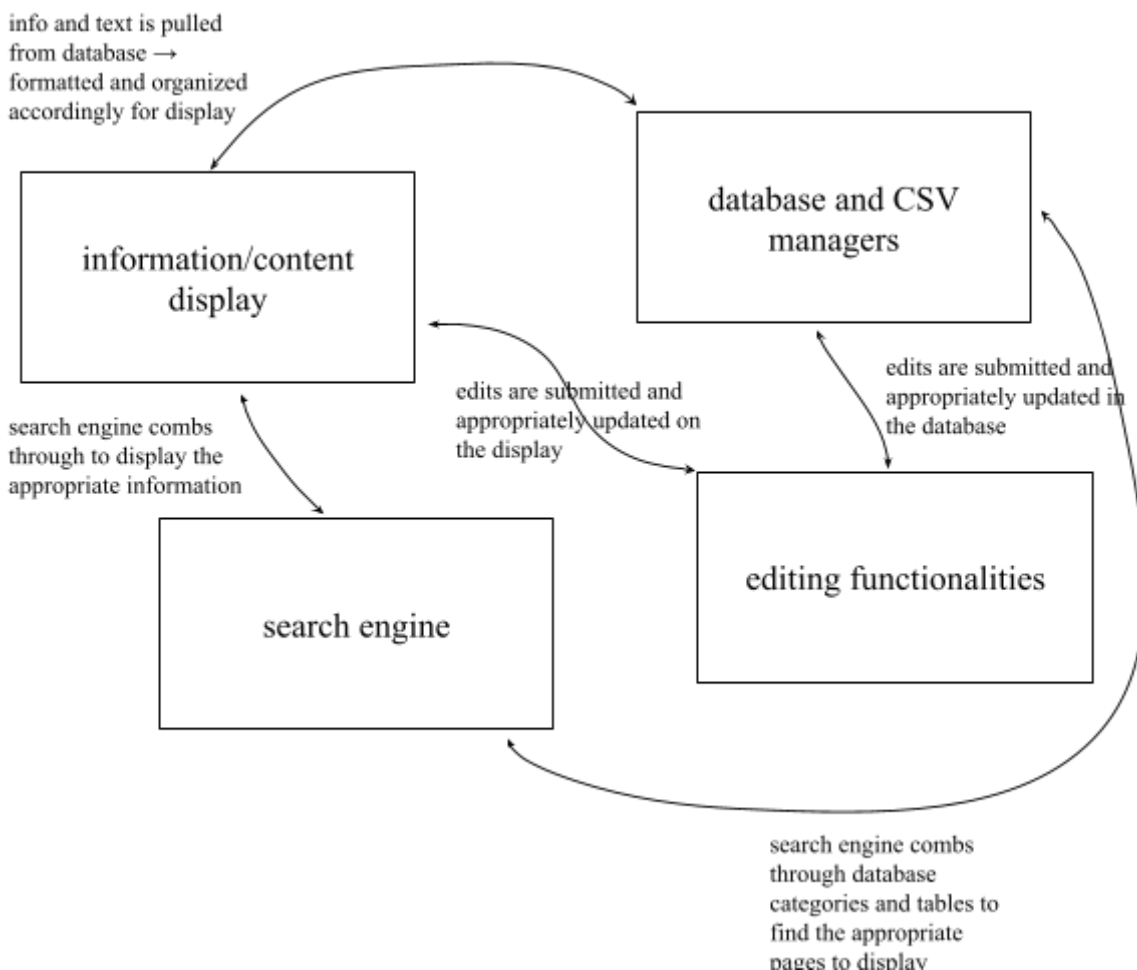
TEAM FERRARI: Abid Talukder, Craig Chen, Raven (Ruiwen) Tang
SoftDev
P00 - Design Doc
2022-10-27
time spent: 1.2 hours

Target Ship Date: M 2022-11-07

List of Program Components:

- Information/content display - will allow our site to display information, organized into subtopics, and update according to user edits
- Editing functionalities - will allow users to make and submit edits to information on the wiki
- Search engine (not part of MVP) - will allow users to find specific subtopics or pieces of information based on keyword inputting, and perhaps based on filters

Relationships Between Program Components:



Database Organization:

- Table of articles
 - Subcategories
 - Title
 - Contributors/authors (list)
 - Date last updated
 - Dictionary key-value pairs for organizing an article
 - {“heading_title”: {“subheading” : String - paragraph }}
- Table of contributors/authors
 - Legal name
 - Username
 - Articles contributed to
 - Last active date/time
 - Phone number
 - Email text
- Table of languages
 - English (ex column) - available articles in English
 - Spanish (ex column) - available articles in English
 - Chinese (ex column) - available articles in Chinese
 - ...
 - Count of articles in each language
- Table of subcategories
 - Dictionary pairs linking subcategories to articles
 - Culture
 - Art
 - Religion
 - Sciences
 - ...
 - Count of articles in each subcategory
- Table of Company Contact Information
 - Name text
 - Phone number
 - Email text

Tables are related through columns (contributor username column, article title column)

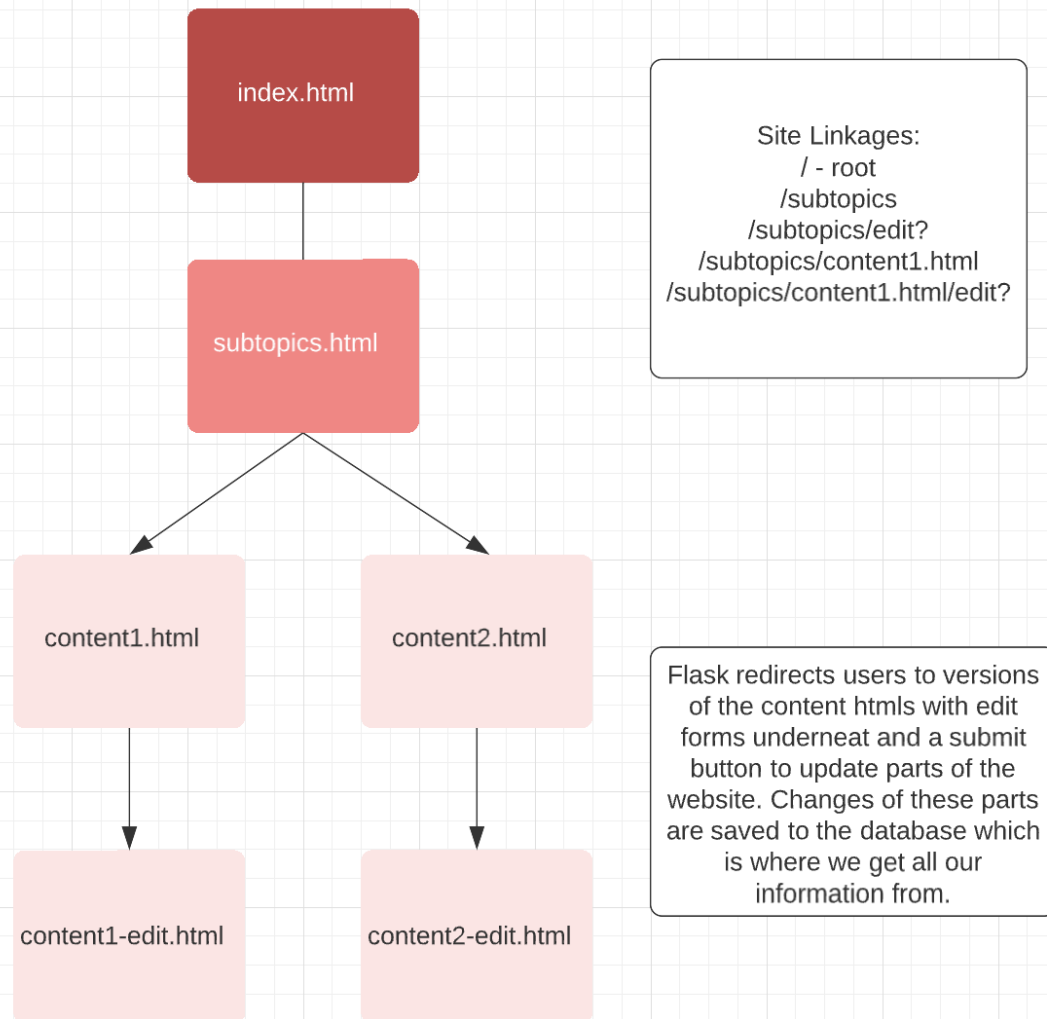
Frontend:

- Homepage
 - index.html
 - Root of the website

- Introduces users to what the wiki is about and the different subtopics that they can find inside of it
 - Copyright information
 - Heading that can be used to show our logo, and company name, search bar
- Subtopic Pages (table of contents)
 - Shows links to the different topics inside this general category
 - Shows a editing icon for users to add new pages and topics
- Content Pages:
 - Headings, subheadings, and text!
 - Editing icons for people to submit forms and edit the content
- Editor Page
 - Opens up when users select to edit a subtopic page

wiki Sitemap

Abid Talukder, Ruiwen 'Raven' Tang, Craig Chen | October 27, 2022



Breakdown of Tasks

- Planning out design doc (AT, CC, RT)
- Populating and setting up database, using Python db builder (AT, CC, RT)
- Writing out HTML skeleton for frontend pages (CC, AT)
- Populating HTML skeleton using Python methods and database information (AT, RT)
- Creating editor page and text input/reception, linking to database and CSV files / updating articles (CC, RT, AT)
- For the future: search engine work (TBD)