

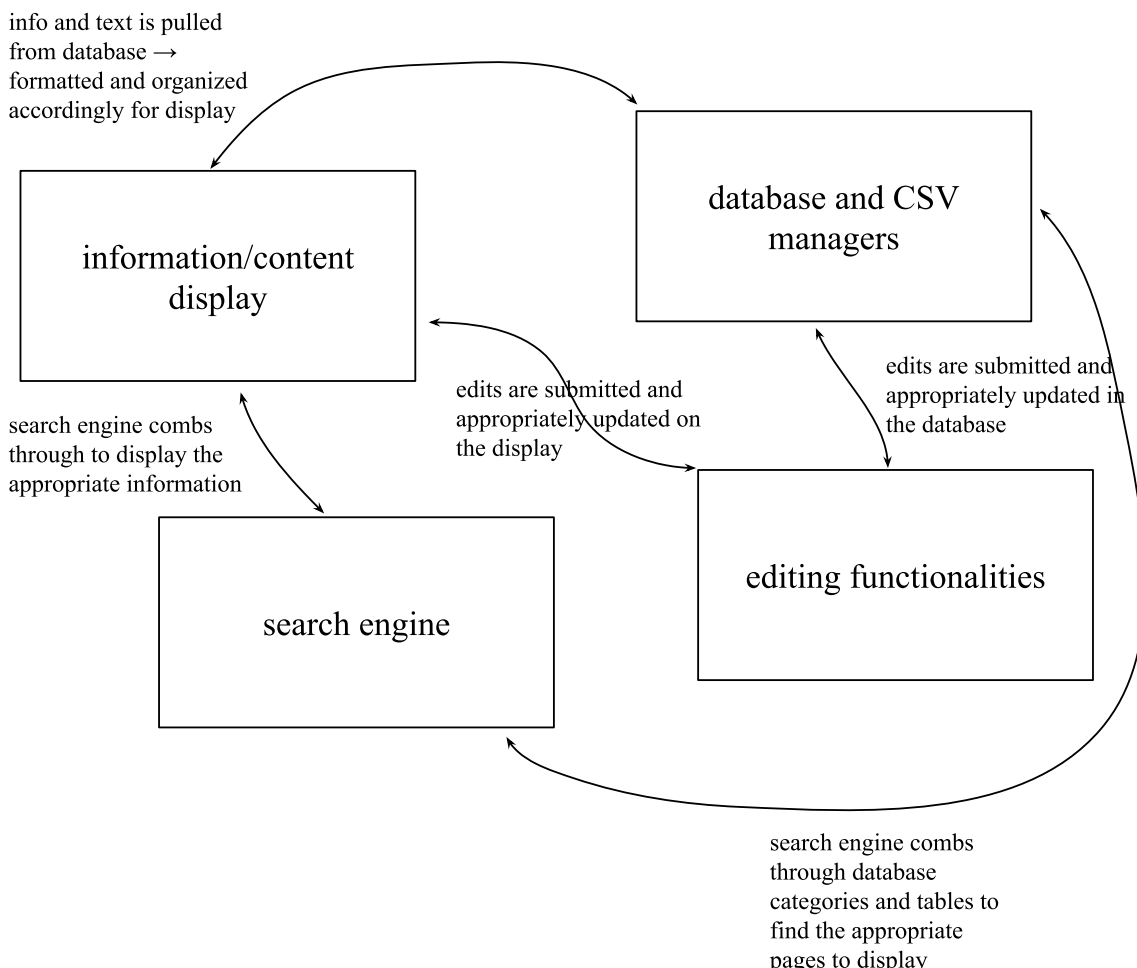
TEAM FERRARI: Abid Talukder, Craig Chen, Raven (Ruiwen) Tang  
SoftDev  
P00 - Design Doc  
2022-10-27  
time spent: 1.2 hours

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)

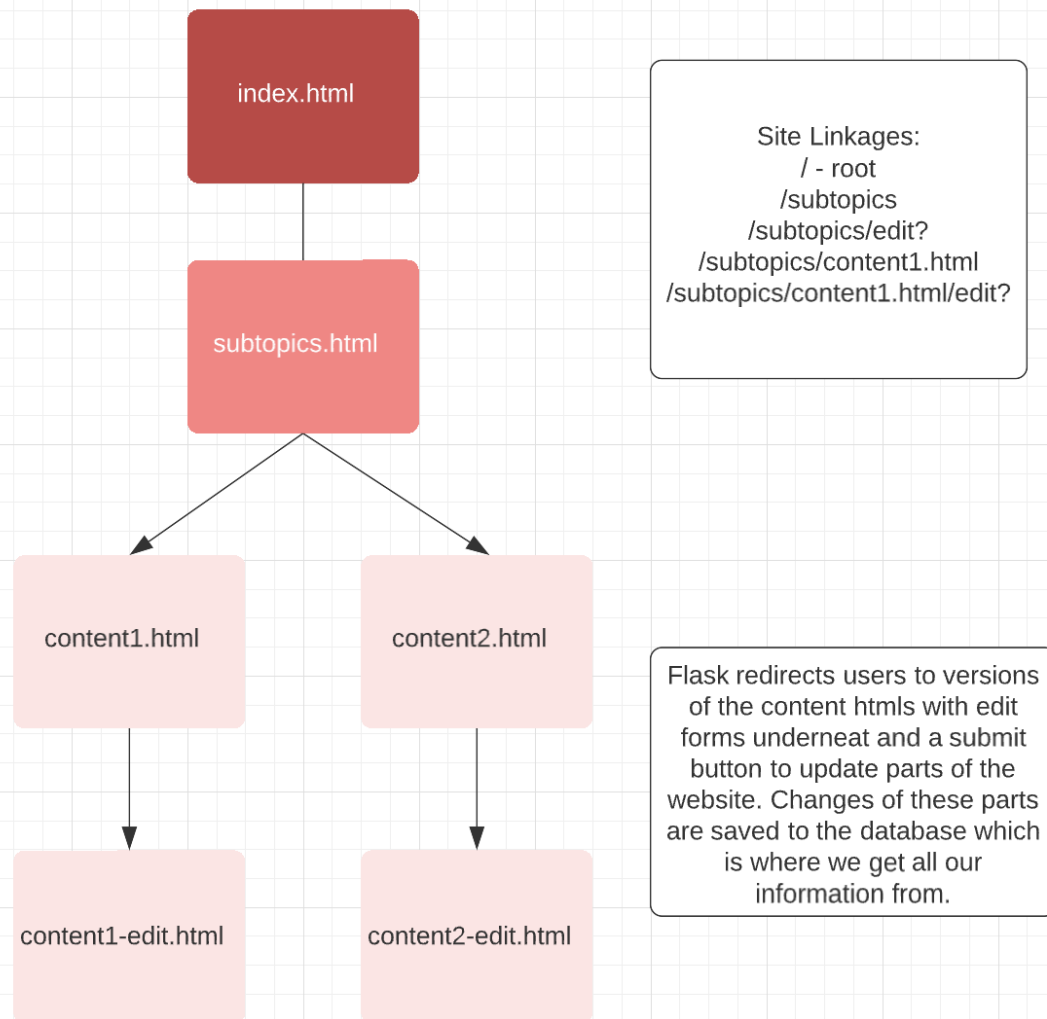
## Frontend:

- 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)