Team Name: Sleepy Programmers: Andy Lin, Shadman Rakib, Raymond Yeung
SoftDev
K17 -- design document for P00 project on wiki site
2021-10-25

Design docs

Things that should be on a wiki:
- Title of the wiki article
- Description of the wiki page (what about it?)

Database organization: a table with title of wiki article and description of wiki page

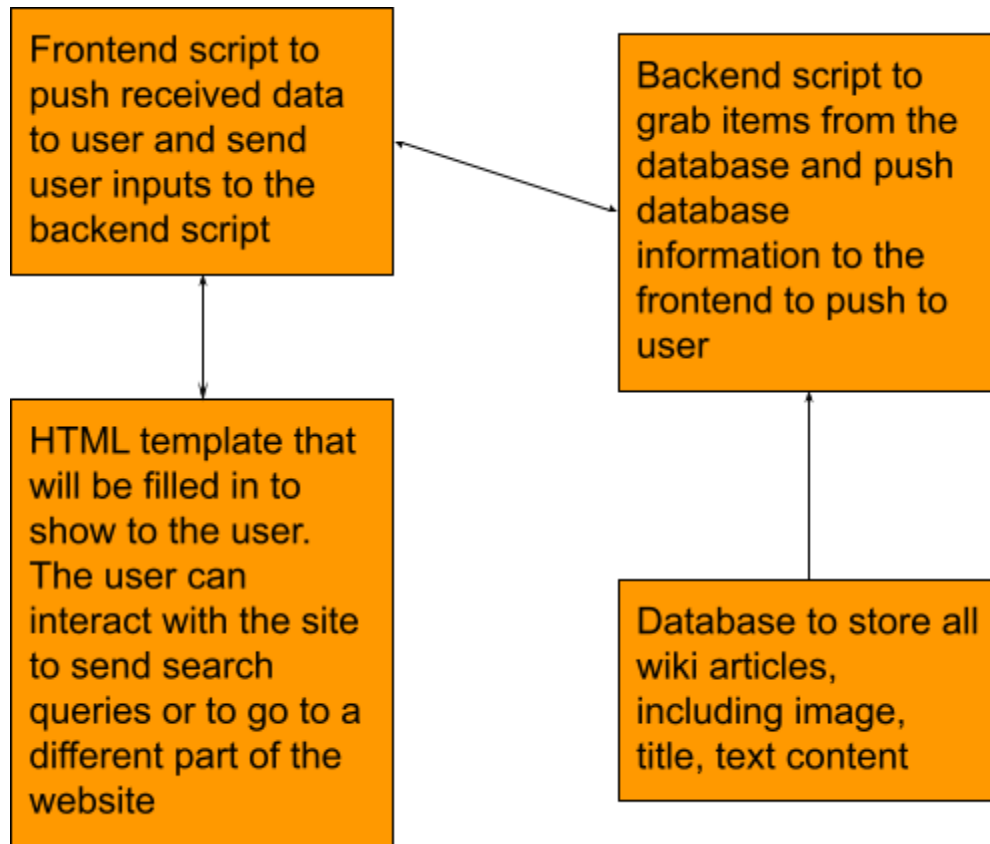Creating wiki content
Backend to database
Editing wiki content

Program components:
- A backend that handles user queries, receives and pushes search results to the frontend handler
- A frontend that sends user search queries to the backend and returns the search result from the backend to the frontend.
- A template html to show a search box and results
- A template html to show the home page with all wiki articles that are available
- A template html to push out any wiki articles to show to the user
- A database to store all wiki articles with an image, title, and description

How each component relates to the others:

Team Name: Sleepy Programmers: Andy Lin, Shadman Rakib, Raymond Yeung
SoftDev
K17 -- design document for P00 project on wiki site
2021-10-25

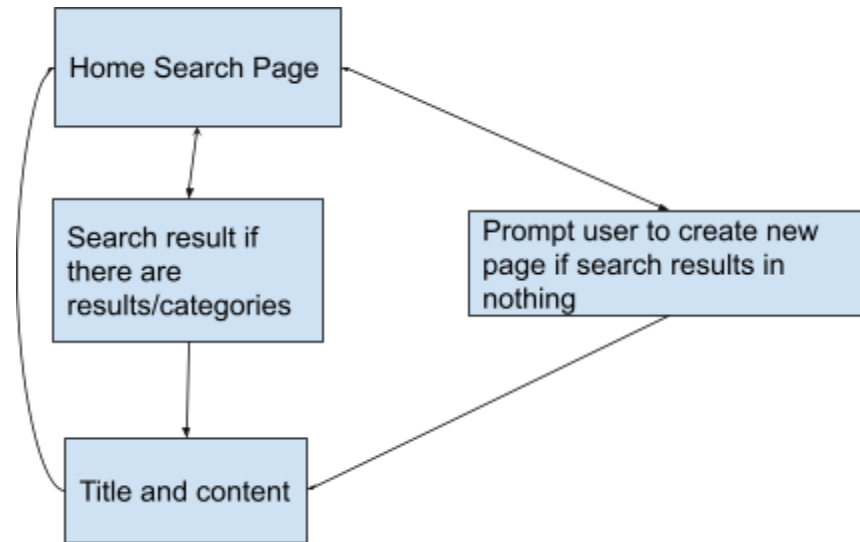| Frontend script to push received data to user and send user inputs to the backend script | Backend script to grab items from the database and push database information to the frontend to push to user |
|---|---|
| HTML template that will be filled in to show to the user. The user can interact with the site to send search queries or to go to a different part of the website | Database to store all wiki articles, including image, title, text content |

Database organization:
- One table (article) containing the list of id, title, description (maybe with html based elements), and a header image.
- Another table (categories) contains all the categories and ids.
- Each category is related to a table titled a category and contains all ids from the article table that fall under the category

Site map: front end

Team Name: Sleepy Programmers: Andy Lin, Shadman Rakib, Raymond Yeung
SoftDev
K17 -- design document for P00 project on wiki site
2021-10-25



Breakdown of different tasks:
- One person is responsible for creating the html templates and frontend
- Another person is responsible for creating the database contents and accessing the database from the backend
- A third person is responsible for building out the rest of the backend (responding to the user queries) and ensuring that the connection between the frontend and backend scripts work.