Absent Duo (Annabel Zhang, Eliza Knapp)

SoftDev

K17 -- Making a Wiki

2021-10-25

Wiki Page Project

- Able to add/delete new pages for new subjects
- Have a home page
- Ways to return to home page
- Login to create a page
    - If you are logged in with a valid account, then you can modify or delete anything
- The main page should present a few new randomly featured article for the day
- The top should say the name and present a few categories of article types to click
    - When you create an article, you can add some tags for the article to see what category it is part of
- The sidebar has links to the main page, current events (to present stuff here, it randomly selects by date), random article (one random article), about wikipedia (the wiki page on what wikipedia is), contact us
- Then, there is a contribute tag below- learn to edit, policies on what you should add and being friendly and accurate

Program Components

Home Component:

- (@app.route("/")) Opens home page on initial startup
    - > Links to random wiki pages
    - > Uses `SELECT * FROM [table] ORDER BY random() LIMIT #;` to choose # random wiki pages to showcase
- Brings up an error page if an unavailable page is searched

About Component: (same as home html)

- (@app.route("/aboutpage"))

Current Events Component:

- (@app.route("/cevents"))

Login Component: (also comes with login.html)

- (@app.route("/login"))

- Uses an html form to get username and password, and verifies with a table of the credentials
- Or if the user wants to make an account, it inserts a user/pw pair into the table for future logins

Random Page Component:
- (@app.route("/rpage"))
- Uses `SELECT * FROM [table] ORDER BY random() LIMIT 1;`

Create Post Component: (should render a new format of template- create_post.html)

Database Organization

Table of Wiki Pages For Searches

Wiki Page	Date of Entry	Tag1	Tag2	Tag3	Time Period	Route (link)
Swimming	10/25/21	Sports	Water	Fun	Null	/swimming
Math	10/25/21	Numbers	School	Hard	Null	/math

Table of Wiki Pages For Rendering Info

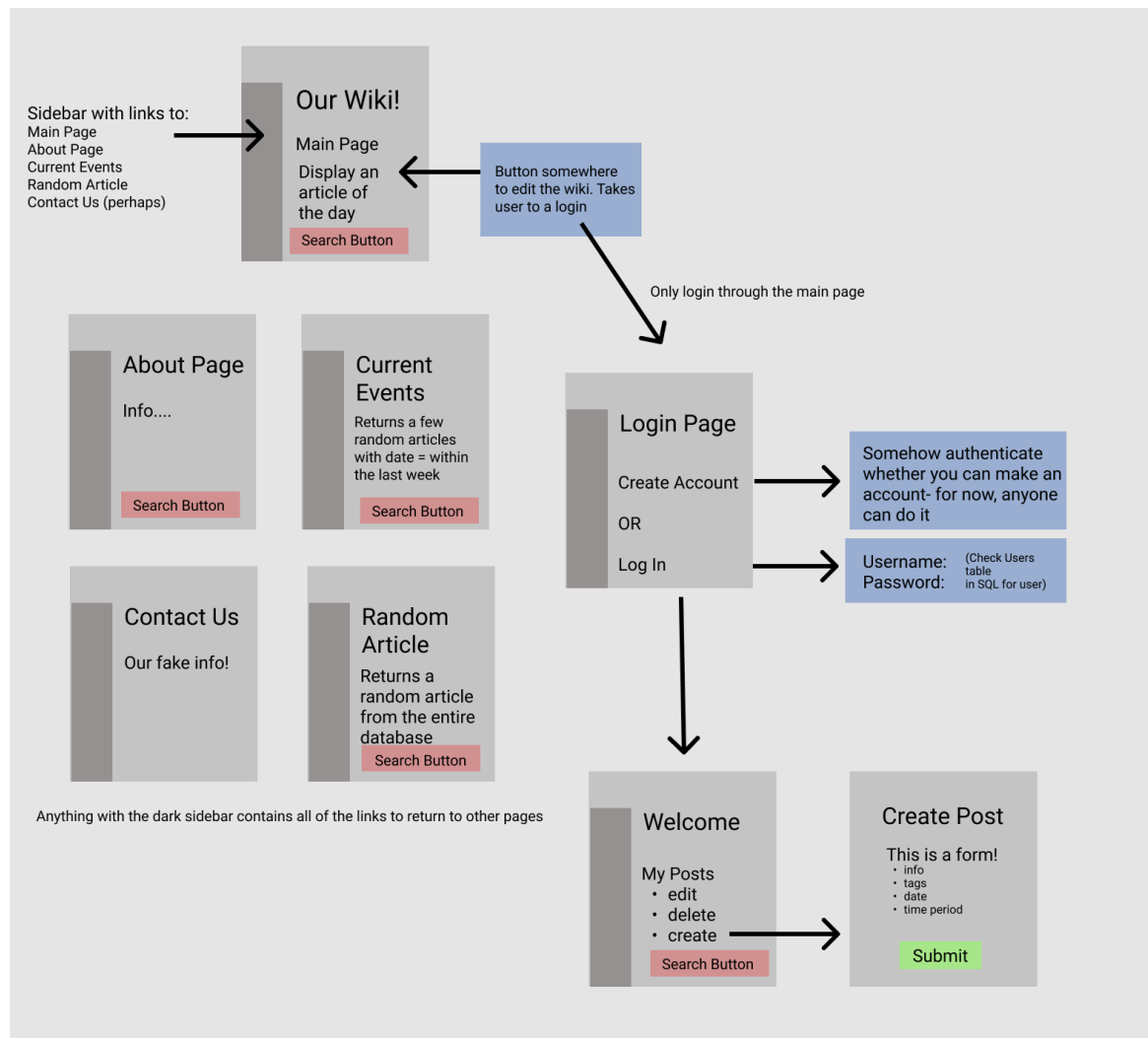| Wiki Page	Information Text
Swimming	Swimming is a very exciting sport that requires a lot of time commitment. Join the Stuy swim team. It's lots of fun and they win the city championships!
Math	What is math? That is such a good question. I used to think math was numbers but this year we haven't written a single number all year.

(Use this second table in conjunction with a template for the wiki page. If there is time, we can have many templates to choose from.)

Table of Users and Passwords

User	Password
Eliza	SnailBobIsCute!
Annabel	PineapplePizza^5

Site Map for Frontend

Our Wiki!

Sidebar with links to:
Main Page
About Page
Current Events
Random Article
Contact Us (perhaps)

Main Page

Display an article of the day

Search Button

Button somewhere to edit the wiki. Takes user to a login

Only login through the main page

About Page

Info....

Search Button

Current Events

Returns a few random articles with date = within the last week

Search Button

Contact Us

Our fake info!

Random Article

Returns a random article from the entire database

Search Button

Anything with the dark sidebar contains all of the links to return to other pages

Login Page

Create Account

OR

Log In

Somehow authenticate whether you can make an account- for now, anyone can do it

Username: (Check Users table
Password: in SQL for user)

Welcome

My Posts
• edit
• delete
• create

Search Button

Create Post

This is a form!
• info
• tags
• date
• time period

Submit

Breakdown of the different tasks to complete this project

1. Allow the user create account, login, and logout (for now, any person can create an account)
2. Create the tables in a python file
3. Create a basic template for the html info in the create post section
4. Allow logged in users to create posts (and add tag and additional necessary table info)
5. Allow logged in users to edit posts (by copying the data into a form and then allowing the user to edit the data and resubmit the form)
6. Allow logged in users to delete posts
7. Create the sidebar with all the routes and the text of the extra pages
8. Implement the random showing of wiki articles
9. Implement the search function (this one might be tricky, which is why it is last)

Reviewed by Team Marshmallow