

Disturbed Window Monsters- David Chen, William Guo, Marc Jiang
SoftDev
P00: Move Slowly and Fix Things
2022-11-14
Target ship date: 2022-11-15

(Scenario 2 - web log):

- Users will have to register to use the site.
- A logged-in user will be able to
 - Create a new blog
 - Update their blog by adding a new entry
 - View and edit their own past entries
 - View the blogs of other users

Necessary Components:

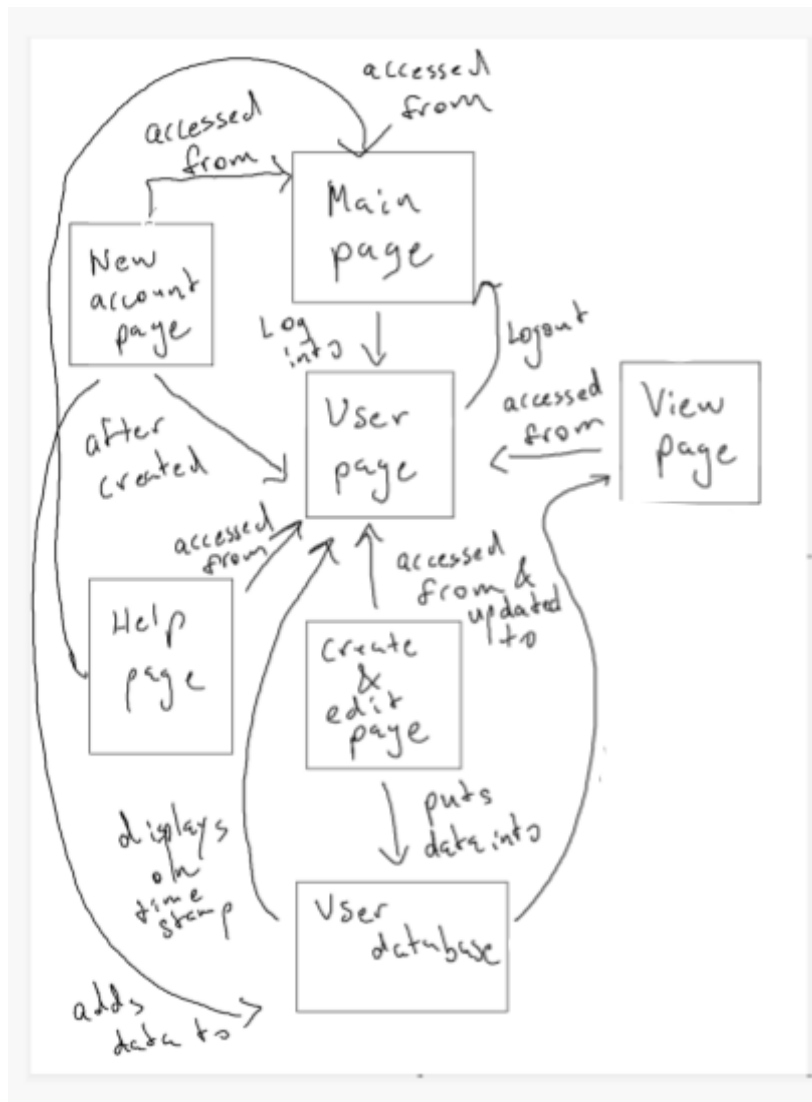
- Main page
 - Login in using Username and Password
 - Create new account
- User page
 - Display all blog posts that you've made
 - Edit blog button for each blog post
 - Links to help page, view page, create page and edit page
 - Logout
- New account creation page
 - Creates new account to be stored in database
- Create and edit page
 - Creating new blogs presents users with a blank html document where they can write anything
 - Editing blog brings up stored information of that post where it can then be edited and saved/updated (can both add and delete what's written before)
- View page
 - Displays full blog post from all users sorted by time written
- Help page
 - How to navigate this website
 - Helpful tips to start writing your own blog (links to inspirations, ideas)

Relationship between Components:

- From the main page, once you log in it takes you to your own blog page sorted by date posted
 - If you don't have an account, takes you to new page to create an account then redirects to the user page
- Help page can be navigated from user page through an icon and also from the main page
- View page can be access from user page

- After the user prompted the changes to either create or edit blogs from the user page, the user page is then updated with the latest edits
- After you log out, it takes you back to the main page

Component Map:



Organization:

- 2 tables:

1)

Username (TEXT_UNIQUE)	Password (TEXT)
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- Username and passwords stored in two column table so when user logs in, it can verify if password matches

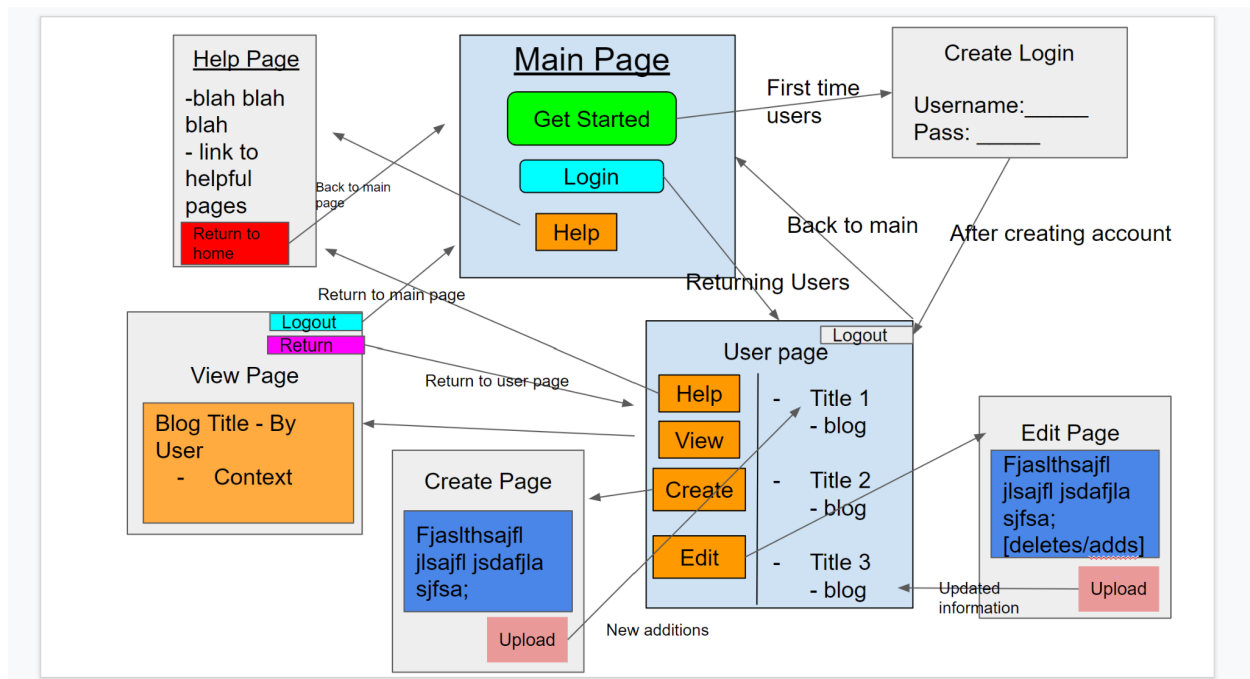
2)

Username (TEXT_	Blog post Title	Blog post	Date Added	Date Modified	View (Int)	Time (Int)	Id(Int, PRIMARY)	Slug(TEXT)
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UNIQUE)	(TEXT)	body (TEXT)	(Int)	(Int)			KEY AUTOINCR EMENT)	Unique)
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- Date added and modified example: 20221101 (2022-11-01, date without the hyphens)
 - First time date modified is the same as date added but afterwards, date modified only changes if prompted through edit instead of create
- In the user page, the blogs are displayed in order by unix time

Site map (excuse the mess):



Assignments:

William: Database integration

- Creating and displaying blogs sorted by proper time
- Matching login information with user input
- Added new entries of login info, edits, and entries to respective table

Marc: HTML:

- adding links where it is necessary and creating help page
- Redirection of pages

David: Python and flask backend

- Flask forms
- POST and GET requests for search and login
- Update changes on the website after user's edit