

What I learnt from the CVWO assignment:

1. If we are talking about technicalities, I would say that I learnt the most about making a SQL database with Rails. It is something that is completely new to me, and it took me a while to understand what was going on even after watching tutorials. I only started becoming comfortable writing code in Rails in the beginning of January, and I would say that it is the most rewarding technical skill that I got from this assignment. I am also currently taking CS2102, and I was able to breeze through the lecture materials due to implementing my own database for this assignment. As happy as I am with my results, I know that I should not be satisfied yet, and to keep learning as my knowledge on databases currently only touches the surface.

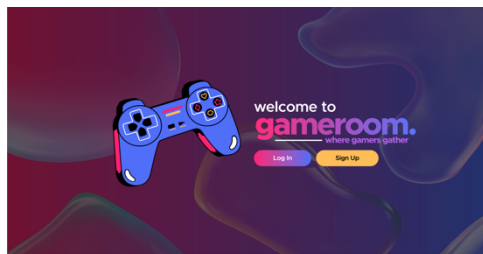
2. One thing I enjoyed the most was doing front-end, and I think this is one of the most elaborate front-end designs I have done on a solo project. I had experience with ReactJS and Javascript beforehand, so mastering TypeScript was not difficult compared to learning Ruby. Another thing I have learnt is how to integrate with APIs, which will prove useful for future projects (I am an avid Spotify enjoyer, so the knowledge for this will help me when I plan to utilize Spotify's (or anything, really) API in future projects).

3. Onto the non-technicalities, I learnt that getting a working application done within one month is not easy, especially when you are doing it alone. I was also on vacation for around two weeks, so I was not able to complete anything then. This is where time management comes into handy – I managed to finish most of the core features of this application during Week 1 and Week 2, without it interfering with my studies. I think it is an accomplishment.

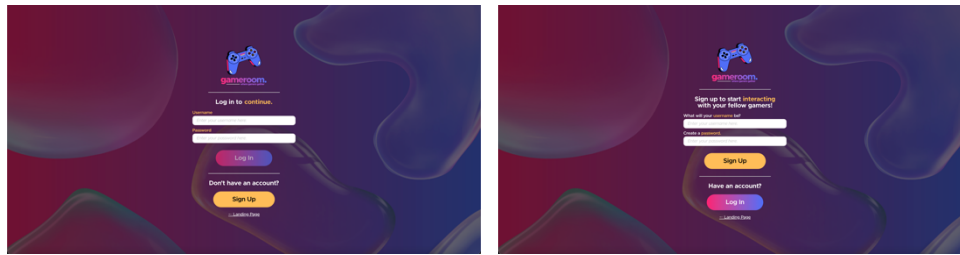
4. One thing I should still improve on is to work projects in branches, so that I can always maintain error-free code. This is one thing that I have failed, especially if seeing from my backend repository. I have only started branching late into the project in my frontend code.

User Guide (if possible, I recommend reading it on the [README](#) instead).

Landing Page, Log In and Sign Up Pages



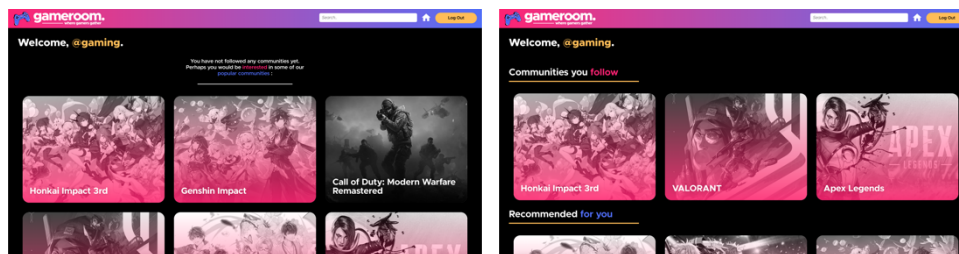
When accessing <https://gameroom-forum.netlify.app> for the first time, you will be directed to the landing page where you can access the Log In or Sign Up pages.



The account's username must be **3 to 30 characters** long and **cannot start or end with _ or .** and its password must be **at least 6 characters** long.

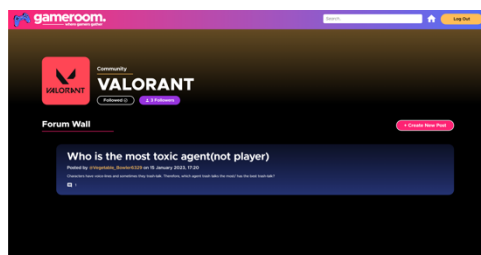
Warning: The log-in or sign-up process might take too long at times. Please refresh if it does not load after a few minutes.

Dashboard



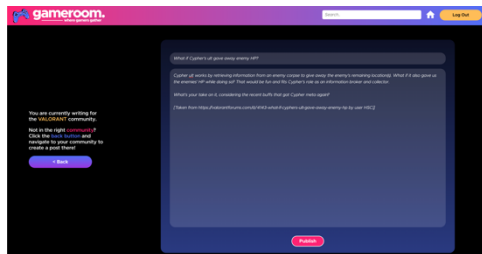
The dashboard is where you can access your followings. If you follow one or multiple communities, you are able to view them here. You can use the search bar on top to search for communities (press **Enter** on your keyboard to enter your query). The home button is for you to redirect back to the dashboard from any page. Alternatively, clicking on the logo on the top left does the same thing.

Community Page



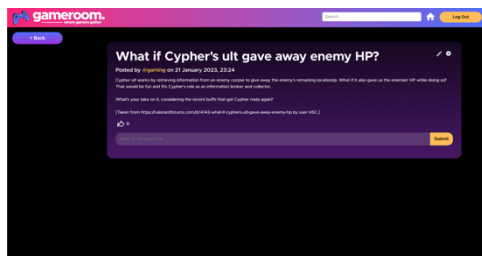
On this page, you can create a new post by clicking on the + Create New Post button view a post by pressing on the posts (the black-blue gradient container) and follow a community.

Create Post Page



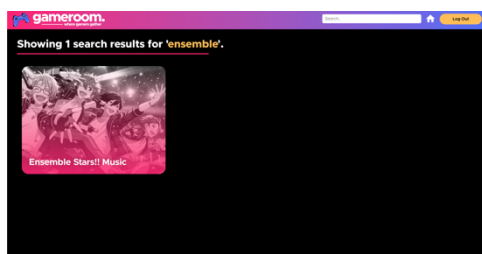
Create a post by typing in a title and a post body, and click Publish.

Community Post Page



In this page, you can enter a comment by typing a reply on the input field and clicking Submit. When clicking on the posts on the Community Page, you will be able to read others' posts and also comment on it. To edit the post, click on the pencil icon. To delete, click on the bin.

Search Page



Utilizing the search bar on top to search for your query and pressing Enter on your keyboard will yield this kind of results. However, the search function is currently not always accurate, so it might show inaccurate results from time to time.

