

Progress Report 3/5/24

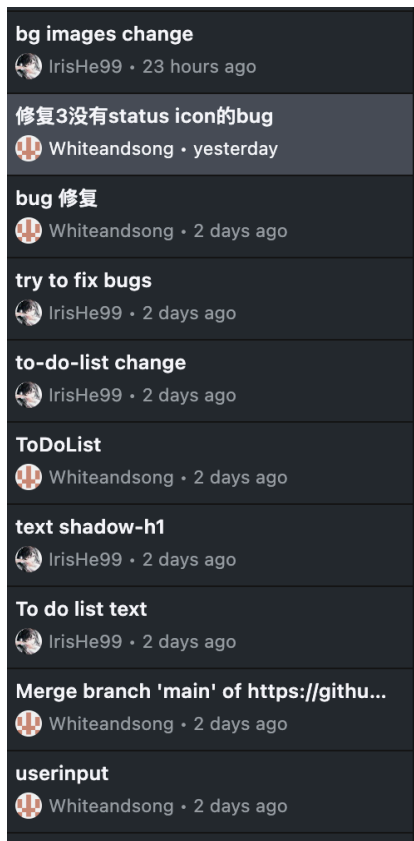
Team Member: Ziyan Bi, Yuxin He

What are we doing?

In our project, we plan to develop a simple music website designed to help users focus and motivate them by recording the time they spend working.

We offer various types of enjoyable and relaxing music to choose from. The fact that some sounds can help people concentrate better or fall asleep, and that's one of the services we aim to provide. By offering our users these musical choices, we hope to create a more comfortable and enjoyable working environment for them, thus increasing their productivity and work satisfaction.

In addition, imagine that after three hours of serious work or study, you receive a message that clearly tells you, "Congratulations, you've studied for three hours!" We think such timely recognition can greatly motivate our users and help them gain a more intuitive sense of accomplishment from completing a task, and that's one of our goals!



How are we doing it?

We primarily used HTML, CSS, and JavaScript to build this site. HTML and CSS are responsible for the site's visuals, such as fonts, colors, and component placement, etc. JavaScript was used to implement specific features, such as Timer.js to control the clock, Web.js to control the functionality of the site's main components, and ToDoList's UserInput.js for user input functionality.

We also used GitHub to synchronize our progress throughout the process of building the site, which greatly helped us to keep each other up to date on our progress. The main division of labor in our group is: Ziyan is responsible for the main feature build and basic layout, while Yuxin is responsible for searching for materials and

music, and modifying the overall layout to improve the visual effect and provide a better user interface (UI).

What we're accomplished ?

We have created the website and have essentially completed all of the major features we originally envisioned, including the main page and sub-pages, the players and music selection (six songs each) in the different music genre pages, the basic website and UI design - such as the site's background image, fonts, replacing buttons with different icons, etc, and the functions we imagined including the To-Do List, timers, status and the site's day-night mode switching.

Here is our website Link: https://whiteandsong.github.io/Music_Web/index.html

What remains to accomplish?

We will continue to improve the design and layout of our site, for example, we have not yet finished the text section on the main page, where we have left space and expect to write some text to introduce our site and create a page guide feature. In addition, we will continue to adjust the sections we already have, including the optimization of the timer and its prompts, the restructuring of the existing buttons and icons, the modification of the size of the text and icons of the music catalog list (which we haven't added yet), and adding more songs to each music category and dynamic effects to the site (e.g. particle effects that can interact with the mouse or dynamic light on the page). Furthermore, we also plan to make some more specific attempts if we have the time, such as trying to implement functionality that allows users to upload their own favorite music and play it through the site..