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Project summary

This project was created with HTML, css, javascript and react.

After creating new react project, organizing the folders and uploading it to github, I was thinking how to structure and project.

I knew I needed some sort of audio component, so I created the AudioPlayer component, I knew I needed a main page to display so I created the MainPage component.

After creating the main building blocks, I needed to understand better how to work with audio, I was familiar with the audio html tag and started with that.

Not long after that, I understood that it was not the optimal way, I didn't had all the options I needed like start, stop, mute and so on.

I then searched the web and came across the Audio class, learned it a bit and started to implement the AduioPlayer with the help of Audio class.

Main logic here is that the MainPage is controlling the state of the other audio players by using the useEffect hook, which was tricky to implement firstly but then worked like a charm.

After I had something I was quite happy with, I started to work on a style that suited me.

Working on the cursor took me some time, first I tried to implement it with the help of the slider tag and async functions to sleep.

I then understood how complex it was becoming and knew the design of the cursor was off.

After some thinking I changed the whole cursor design from slider to moving a div with css animations, which worked better, faster and the most important, was really easy to implement and to understand.

After implementing the cursor, I worked on the bug fixes, then went to the style and finally finished the project.