

MOVIEMIX

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For a beginner who is entering this world of coding, working on this project for the past two months has been the most challenging yet memorable experience till date. I am **Sonakshi Satpathy**, a student in this project, and my mentor, **Mohit Raj** has guided me throughout this journey. Coming to our project, **Moviemix** is a website that displays movies of all genres by using Alan AI voice command to make your tasks easier. This website is written in **React.js** and deployed with the help of **Firebase**.

Project Description:

This project has 2 parts – the **API** call ([themoviedb](#)), through which we will get the list of movies from their respective genres, and the **Alan AI** app, which we used to add voice commands accordingly for many different functionalities. The Alan AI app was the tricky part in this entire process as we needed to make sure that the API calls, buttons (next, previous page, back to the homepage, forward), and display of the list of movies of the specified genre was done in a separate file which we created in our project. Apart from this, the voice commands given by the user can be in various manner and so it was necessary to guide the user by keeping a ‘Commands’ button on every page and manually write the codes to make sure that the web app accepts various permutations of the questions asked or the tasks which the user wants it to perform. Through the API calls, we extract all the genres with their list of movies and their respective details and display them accordingly.

My Contribution:

My contributions in this project has been primarily in designing the logo, homepage, genre-list page, the movies page, and making the entire website responsive. I started with creating a **dynamic button** and gave it some styling. Then, I went ahead and created the Genre-Card, **added CSS stylings** and images, and looped it through all the genres. In a similar fashion, I also created the Movie-Card but with a few additions, looped it through all the movies from the **API call request**, extracted all the details from the API call, and displayed it accordingly. In the end, I created a **popup box**, displaying the overview of the respective movie once the user clicks the 'details' button.

My Experience:

Although my mentor did the most amount of coding in the Voice command part of the project, still I learned a lot about API call requests and how to extract details from them and display them on any website. I also got a deep insight about the working of the Alan AI app and how to connect the voice commands with the coded functions to perform the desired tasks. I have also learned how to deploy the website through **Firestore console** and host it in my local machine. I am very thankful to my mentor who has supported and helped me through all the hitches and glitches throughout the project.

Link to GitHub repo: <https://github.com/Sonakshi1901/moviemix>

Link to Live demo: <https://moviemix-s1789.web.app>