



# JAVASCRIPT MUSIC PLAYER

BY

ABDULWAHAB ABUBAKAR AYOMIDE



## INTRODUCTION

- ❑ My JavaScript music player allows users to listen to their favourite songs or playlists online. The app is designed to provide a seamless and intuitive listening experience for music enthusiasts of all kinds.

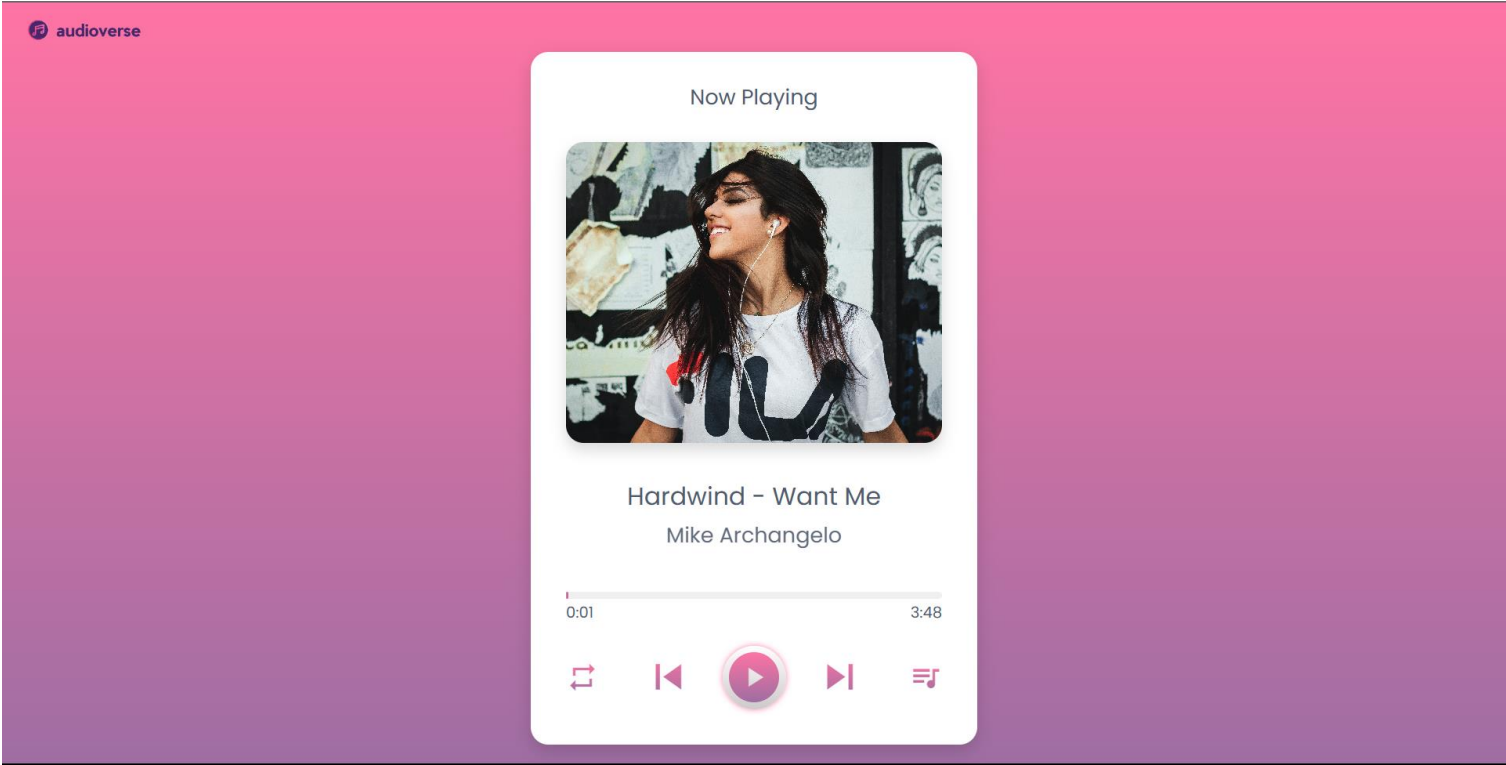
## PURPOSE

- ❑ My JavaScript music player allows users to listen to their favourite songs or playlists online. The app is designed to provide a seamless and intuitive listening experience for music enthusiasts of all kinds.

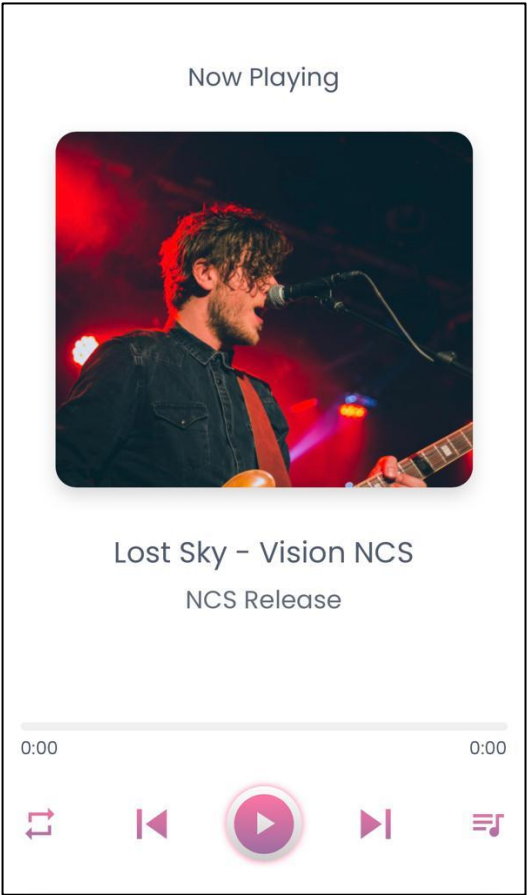
## FEATURES

- ❑ **Play button:** Starts playing the selected song.
- ❑ **Pause button:** Pauses the currently playing song.
- ❑ **Shuffle button:** Randomly selects and plays songs from the playlist.
- ❑ **Repeat button:** Repeats the currently playing song or the entire playlist.
- ❑ **Seek bar:** Allows the user to move the play head to a specific point in the song.
- ❑ **Song progress indicator:** Shows the current position of the play head and the total length of the song.
- ❑ **Metadata display:** Shows information about the currently playing song, such as artist, album, and song title.
- ❑ **Music list:** Shows the list of music available.

# USER INTERFACE



DESKTOP VIEW



MOBILE VIEW

## IMPLEMENTATION

- ❑ To implement a JavaScript music player web app, developers typically use a combination of HTML, CSS, and JavaScript to create the user interface, manage the audio playback, and handle user interactions.
- ❑ One common challenge when building a music player web app is ensuring compatibility across different web browsers and operating systems. Different browsers may support different audio file formats which can affect the performance and reliability of the app. I overcame this challenge by testing the app thoroughly across different browsers and devices to provide fallbacks or alternative implementations for unsupported features.



## CONCLUSION

- ❑ This presentation discussed a JavaScript music player web app and its architecture, implementation, and potential challenges.
- ❑ Overall, a JavaScript music player web app provides a seamless music playback experience to the user while leveraging the power of JavaScript to manage the audio playback.
- ❑ I express my gratitude to FlexiSAF for providing me with the opportunity to work on this project and previous projects, as well as receiving constructive feedback through the weekly performance tracking sessions. These experiences have significantly contributed to the refinement of my skill set, and I aspire to collaborate with FlexiSAF in the future to create a pioneering technology.