

# Music Player Project

Developed using HTML, CSS, and JavaScript

## Introduction

This project is a web-based music player application developed using HTML, CSS, and JavaScript. It provides hands-on experience in building a user-friendly and interactive music player.

## Features

User Interface: Clean and intuitive design with controls for play, pause, volume adjustment, and progress bar.

Audio Playback: Ability to play audio files using HTML5's audio element.

Playlist Management: Allows users to create, add, and remove songs from a playlist.

Responsive Design: Works well on different screen sizes and devices.

## Code Implementation

JavaScript Code Snippet for Play/Pause Functionality:

```
function playpauseTrack(){  
    if (isPlaying) {  
        isPlaying = false;  
        pauseTrack();  
    } else {  
        isPlaying = true;  
        playTrack();  
    }  
}
```

## Challenges & Solutions

Ensuring smooth audio playback and transition between tracks.

Implementing responsive design that works across various devices.

Handling local storage to retain user settings and track information.

## Conclusion

The music player project demonstrates the effective use of HTML, CSS, and JavaScript to create a functional, user-friendly web application. Additional features can be incorporated to enhance the user experience.