Implementation Plan for Web Music Player

1. Project Setup

✔ Create the Project Directory

Create a folder named "WebMusicPlayer"

Inside, create the following files and folders:

bash

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WebMusicPlayer/

├── index.html # Main HTML file

├── style.css # CSS styles

├── script.js # JavaScript logic

├── assets/

│ ├── songs/ # Folder for audio files

│ ├── images/ # Folder for album covers

├── README.md # Project documentation

✔ Initialize Git Repository (Optional for Version Control)

sh

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git init

git add .

git commit -m "Initial commit"

2. Frontend Development (UI Design)

a) Build the HTML Structure (index.html)

Create the player interface with:

Play/Pause, Next, Previous buttons

A seek bar to show song progress

Volume control

A playlist section

3. Backend Logic (JavaScript)

a) Implement Audio Controls (script.js)

4. Testing & Debugging

✔ Check Functionality:

Play, pause, skip, volume, and seek bar

Ensure playlist selection works

✔ Cross-Browser Testing:

Test on Chrome, Firefox, Edge, and Safari

✔ Mobile Responsiveness:

Use DevTools (F12) to simulate different screen sizes

✔ Fix Errors (if any):

Check console errors using Developer Tools

Debug using console.log()

5. Deployment

✔ Upload Code to GitHub

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git add .

git commit -m "Final version"

git push origin main

✔ Deploy on GitHub Pages / Netlify / Vercel

GitHub Pages:

Go to Repository Settings → Pages

Select Deploy from Main Branch

Netlify / Vercel:

Drag and drop project folder into Netlify

Deploy using Vercel CLI