**Implementation**

Proper HTML, CSS, JAVASCRIPT IS WRITTEN WITH COMMENTS DESCRIBING EACH AND EVERYTHING WHEREVER REQUIRED.

**Testing**

1. Unit Testing (Testing Small Parts of Code)

* Test Individual Functions
  + Check if the play, pause, next, and previous functions work correctly.

2. Integration Testing (Checking How Components Work Together)

* Test Audio API with Player Controls
  + Ensure the Audio API plays the correct track when clicking "Play".
* Test Event Listeners
  + Check if button clicks trigger the expected actions.

3. End-to-End (E2E) Testing (Simulating User Interaction)

* Test User Interactions (Using tools like Cypress, Selenium, or Puppeteer)
  + Check if clicking "Play" actually starts the music.
  + Verify that the progress bar updates correctly.
  + Ensure volume control responds correctly.