

LPUMUSIC



CSE326

PROJECT REPORT

REPORT FOR

LPU MUSIC



L OVELY
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Transforming Education Transforming India

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ABSTRACT:-

- A music website is basically a webpage where one can play/pause music. It has other options like the home section, music section, about section, contact section, etc. In this project, we are going to make a website that will play/pause music using HTML, CSS, and JavaScript. We will use HTML to give a basic layout and with CSS, we will give beautify our design by giving a ground and play pause button image. We will use basic JavaScript feature like **if-else** and **document.getElementById** to play and pause our music.



ACKNOWLEDGEMENT:-

- We would like to express our heartfelt gratitude to **ms. Sheetal Chahaun**
- for giving us the opportunity to work under her guidance and help us gain immensely enriching professional experience. Our sincere thanks to project in charge and our internal project guide for giving us valuable inputs and ideas right from the selection of topic for project until its successful completion.
- Many thanks to my friends and senior's as well, who spent countless hours to listen and provide feedbacks.

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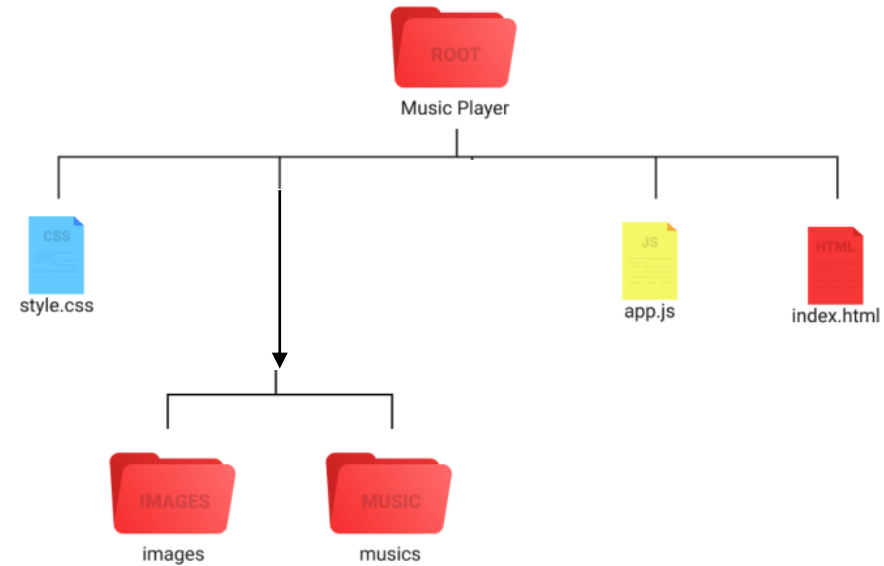


Approach:

- We will create the basic layout i.e. `divs` (left and right) inside one `div` tag. In the left `div` we will write some text and in the right `div` we will place play or pause image. We will also create a basic `nav-bar` and float in the right.
- With the help of CSS, we will beautify our overall structure by giving background image, padding, margin etc.
- We will use basic JavaScript functions like `onclick()`, `play()`, `pause()` and `getElementById()` to get the current status of music and make changes accordingly.
- When user will play the music we will show play image or icon and when user presses pause pause image or icon will be displayed. This is done using simple if-else statement.

Code

Before we start writing our code. Although it's not a Nodejs app but we should see its folder structure at least.





INTRODUCTION

- This study is based on finding out ways to facilitating easy access of preferred songs by customers, according to the various artists, genre, year of recording of their choice on the internet without much stress. Moreover, there are plenty of songs out there, which different people want to be able to either stream online, buy albums, check for upcoming songs and album and able to download certain songs for free as well. This inevitably creates a solution for both the customers get their required songs with ease and artists get paid for their songs when customers buy, stream or download their songs online.

Concepts Used:

-
- In the making of this project, we have used the concepts that have been thought to us in class and we have used those conceptual learnings to improvise it.
 - The concepts used are:
 - 1) HTML 5
 - 2) CSS
 - 3) External CSS
 - 4) Internal CSS
 - 5) JavaScript



1) HTML 5:

- **HTML5** is a [markup language](#) used for structuring and presenting content on the [World Wide Web](#). It is the fifth and final major [HTML](#) version that is a [World Wide Web Consortium](#) (W3C) recommendation. The current specification is known as the [HTML Living Standard](#). It is maintained by the [Web Hypertext Application Technology Working Group](#) (WHATWG), a consortium of the major browser vendors ([Apple](#), [Google](#), [Mozilla](#), and [Microsoft](#)).

2) Cascading Style Sheets:

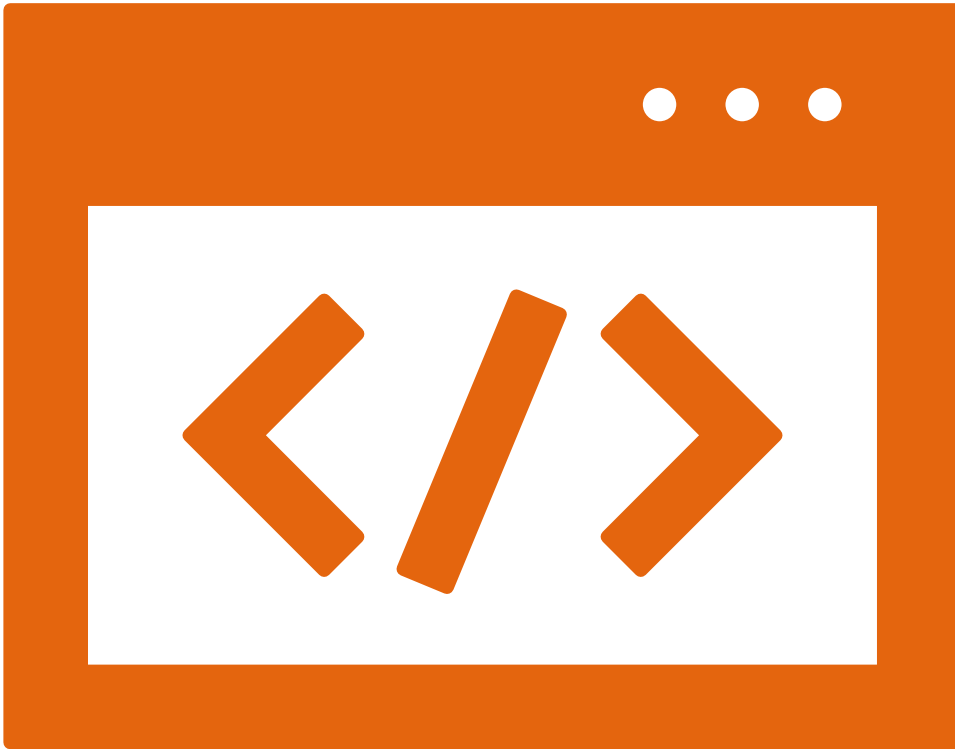
- **Cascading Style Sheets (CSS)** is a [style sheet language](#) used for describing the [presentation](#) of a document written in a [markup language](#) such as [HTML](#) or [XML](#) (including XML dialects such as [SVG](#), [MathML](#), or [XHTML](#)). CSS is a cornerstone technology of the [World Wide Web](#), alongside HTML and [JavaScript](#).^[2]
- CSS is designed to enable the [separation of content and presentation](#), including [layout](#), [colors](#), and [fonts](#). This separation can improve content [accessibility](#); provide more flexibility and control in the specification of presentation characteristics; enable multiple [web pages](#) to share formatting by specifying the relevant CSS in a separate .css file, which reduces complexity and repetition in the structural content; and enable the .css file to be [cached](#) to improve the page load speed between the pages that share the file and its formatting.

3) External CSS:

- With an external style sheet, you can change the look of an entire website by changing just one file! Each HTML page must include a reference to the external style sheet file inside the <link> element, inside the head section. An external style sheet can be written in any text editor and must be saved with a .css extension. The external .css file should not contain any HTML tags.



4) Internal CSS:



-
- Internal CSS is used to define a style for a single HTML page. An internal CSS is defined in the `<head>` section of an HTML page, within an `<style>` element. The following example sets the text color of ALL the `<h1>` elements (on that page) to blue and the text color of ALL the `<p>` elements to red. In addition, the page will be displayed with a "powder blue" background color:

5) JavaScript:

JavaScript often abbreviated as JS, is a [programming language](#) that is one of the core technologies of the [World Wide Web](#), alongside [HTML](#) and [CSS](#). As of 2022, 98% of [websites](#) use JavaScript on the [client](#) side for [webpage](#) behavior, often incorporating third-party [libraries](#). All major [web browsers](#) have a dedicated [JavaScript engine](#) to execute the [code](#) on [users'](#) devices.

JavaScript is a [high-level](#), often [just-in-time compiled](#) language that conforms to the [ECMAScript](#) standard. It has [dynamic typing](#), [prototype-based object](#) orientation, and [first-class functions](#). It is a [multi-paradigm](#), supporting [event-driven](#), [functional](#), and [imperative programming styles](#). It has [application programming interfaces](#) (APIs) for working with text, dates, [regular expressions](#), standard [data structures](#), and the [Document Object Model](#) (DOM).

-
- We have made sections on our site:
 - 1) Main Page(html)
 - 2) CSS(style.css)
 - 3) Sign Up and Login Page(



Tags, Attributes, Conditions and Loops Used:

In this project we have used variety of tags, attributes, conditions and loops.

Some major tags are:

- <script>
- <link>
- <style>
- <div>
-
- <hedder>
- <fotter>
- <a>
-

10) <center> , etc

In CSS we have used selectors such as:

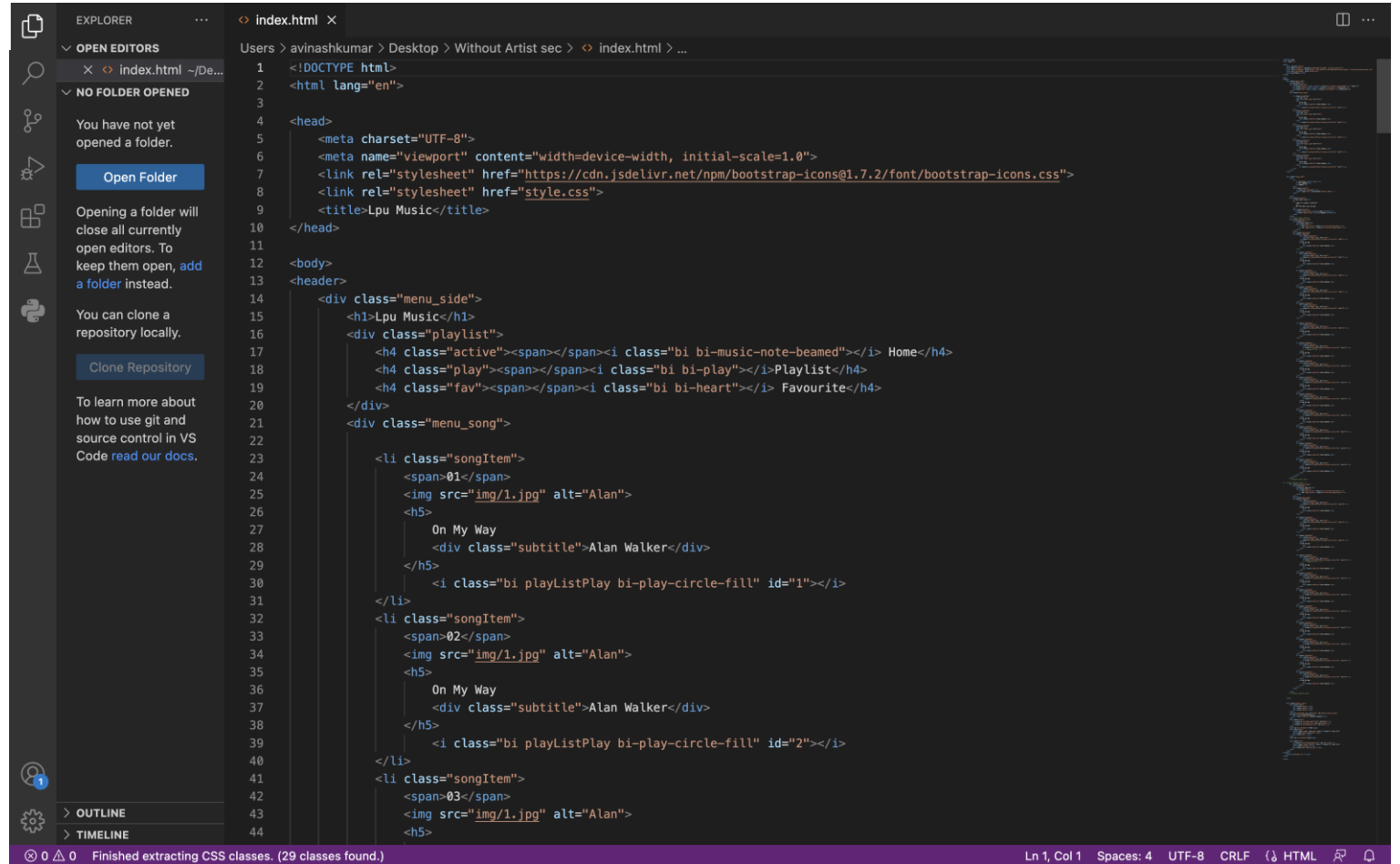
- Id (#)
- Class(.)
- Element (with element_name)
- Universal (*)

In JavaScript we have used:

- getElementById()
- <script>
- document.write(), etc

These are the
images of the
code:

HTML



```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.7.2/font/bootstrap-icons.css">
8   <link rel="stylesheet" href="style.css">
9   <title>Lpu Music</title>
10 </head>
11
12 <body>
13   <header>
14     <div class="menu_side">
15       <h1>Lpu Music</h1>
16       <div class="playlist">
17         <h4 class="active"><span></span><i class="bi bi-music-note-beamed"></i> Home</h4>
18         <h4 class="play"><span></span><i class="bi bi-play"></i> Playlist</h4>
19         <h4 class="fav"><span></span><i class="bi bi-heart"></i> Favourite</h4>
20       </div>
21       <div class="menu_song">
22
23         <li class="songItem">
24           <span>01</span>
25           
26           <h5>
27             On My Way
28             <div class="subtitle">Alan Walker</div>
29           </h5>
30           <i class="bi playListPlay bi-play-circle-fill" id="1"></i>
31         </li>
32         <li class="songItem">
33           <span>02</span>
34           
35           <h5>
36             On My Way
37             <div class="subtitle">Alan Walker</div>
38           </h5>
39           <i class="bi playListPlay bi-play-circle-fill" id="2"></i>
40         </li>
41         <li class="songItem">
42           <span>03</span>
43           
44           <h5>
```



EXPLORER

...

<> index.html X

OPEN EDITORS

X <> index.html ~/De...

NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

Opening a folder will close all currently open editors. To keep them open, [add a folder](#) instead.

You can clone a repository locally.

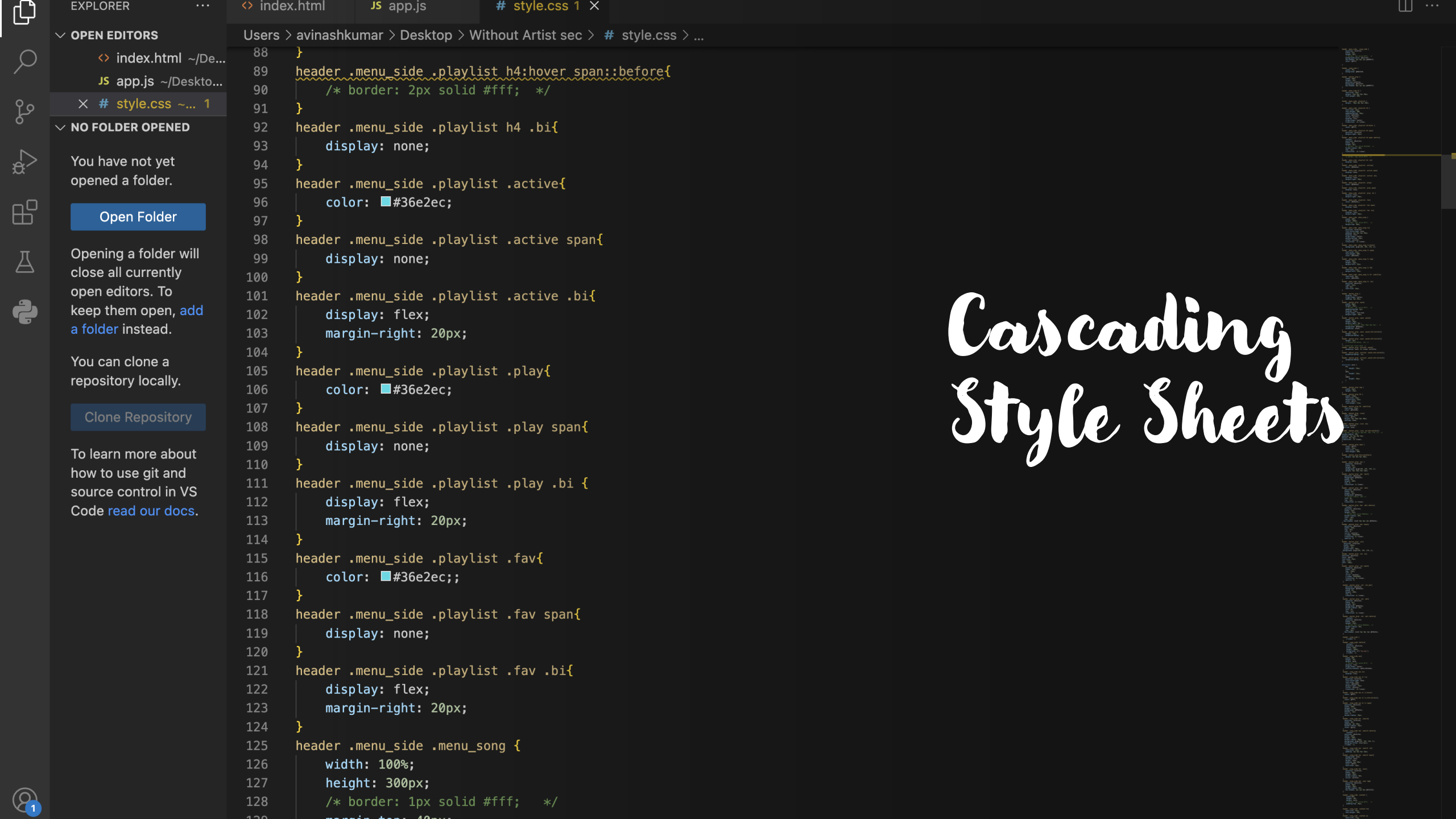
Clone Repository

To learn more about how to use git and source control in VS Code [read our docs](#).

Users > avinashkumar > Desktop > Without Artist sec > <> index.html > ...

```
390
391
392     <div class="master_play">
393         <div class="wave">
394             <div class="wave1"></div>
395             <div class="wave1"></div>
396             <div class="wave1"></div>
397         </div>
398         
399         <h5 id="title">Vande Mataram<br>
400             <div class="subtitle">Bankim Chandra</div>
401         </h5>
402         <div class="icon">
403             <i class="bi bi-skip-start-fill" id="back"></i>
404             <i class="bi bi-play-fill" id="masterPlay"></i>
405             <i class="bi bi-skip-end-fill" id="next"></i>
406         </div>
407         <span id="currentStart">0:00</span>
408         <div class="bar">
409             <input type="range" id="seek" min="0" value="0" max="100">
410             <div class="bar2" id="bar2"></div>
411             <div class="dot"></div>
412         </div>
413         <span id="currentEnd">0:00</span>
414
415         <div class="vol">
416             <i class="bi bi-volume-down-fill" id="vol_icon"></i>
417             <input type="range" id="vol" value="0" max="100">
418             <div class="vol_bar"></div>
419             <div class="dot" id="vol_dot"></div>
420         </div>
421     </div>
422 </header>
423     <script src="app.js"></script>
424 </body>
425
426 </html>
```

Html For Master Player:-



Cascading Style Sheets



EXPLORER

...

<> index.html

JS app.js

X

☐ ...

OPEN EDITORS

<> index.html ~/De...

X JS app.js ~/Desko...

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You have not yet opened a folder.

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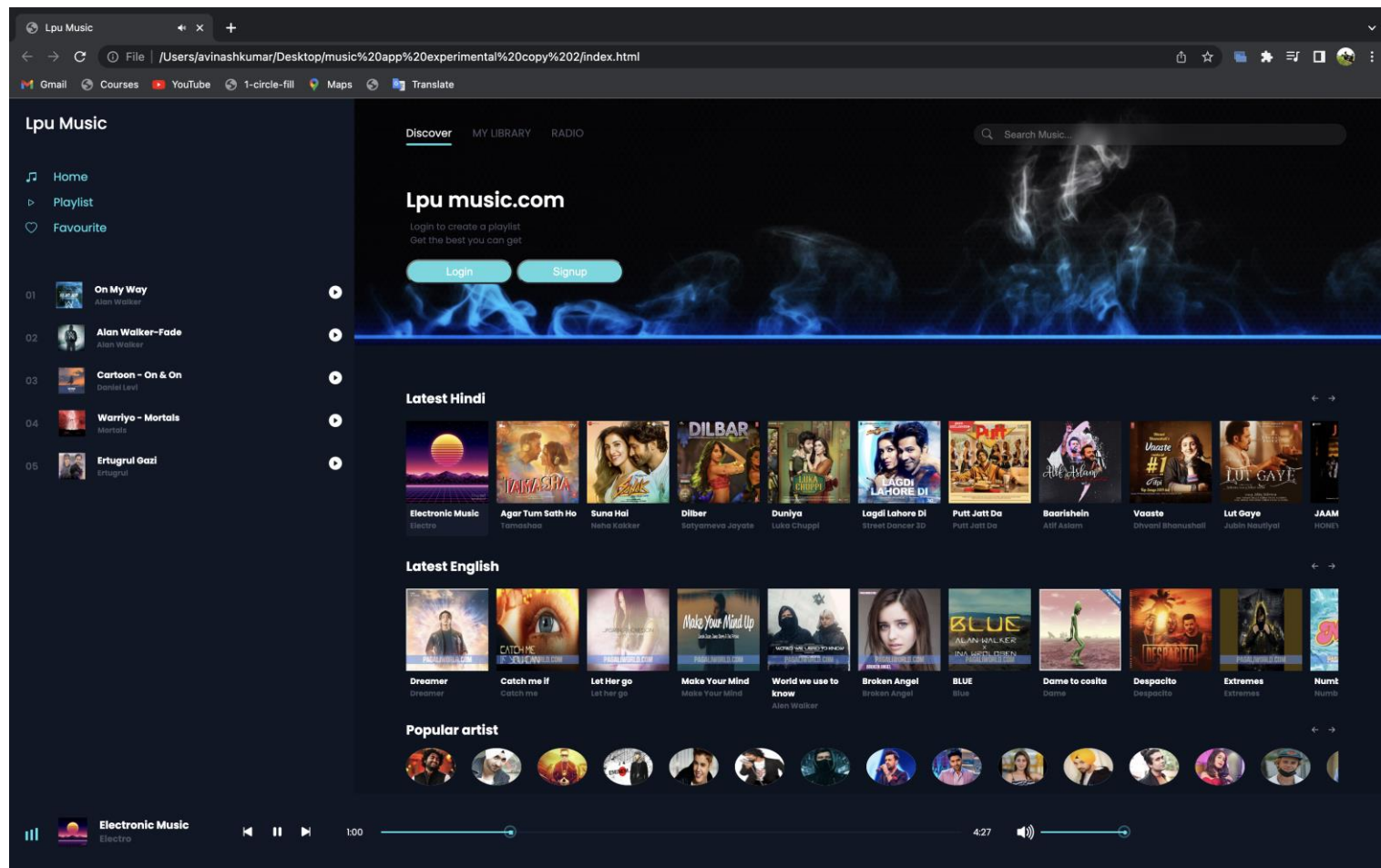
Users > avinashkumar > Desktop > Without Artist sec > JS app.js > ...

```
1  const music = new Audio('vande.mp3');
2
3  // create Array
4
5  const songs = [
6
7
8      {
9          id:'1',
10         songName:` On My Way <br>
11         <div class="subtitle">Alan Walker</div>`,
12         poster: "img/1.jpg"
13     },
14
15     {
16         id:'2',
17         songName:` Alan Walker-Fade <br>
18         <div class="subtitle">Alan Walker</div>`,
19         poster: "img/2.jpg"
20     },
21     // all object type
22     {
23         id:"3",
24         songName: `Cartoon – On & On <br><div class="subtitle"> Daniel Levi</div>`,
25         poster: "img/3.jpg",
26     },
27     {
28         id:"4",
29         songName: `Warriyo – Mortals <br><div class="subtitle">Mortals</div>`,
30         poster: "img/4.jpg",
31     },
32     {
33         id:"5",
34         songName: `Ertugrul Gazi <br><div class="subtitle">Ertugrul</div>`,
35         poster: "img/5.jpg",
36     },
37     {
38         id:"6",
39         songName: `Electronic Music <br><div class="subtitle">Electro</div>`,
40         poster: "img/6.jpg",
41     }
42 ]
```

JavaScript:-

```
1  <div class="container">
2      <div class="row">
3          <div class="col">
4              <div class="card">
5                  <img alt="Album cover 1" />
6                  <div class="card-body">
7                      <h4>Song 1</h4>
8                      <p>Artist</p>
9                      <p>Album</p>
10                     <p>Genre</p>
11                 </div>
12             </div>
13             <div class="card">
14                 <img alt="Album cover 2" />
15                 <div class="card-body">
16                     <h4>Song 2</h4>
17                     <p>Artist</p>
18                     <p>Album</p>
19                     <p>Genre</p>
20                 </div>
21             </div>
22             <div class="card">
23                 <img alt="Album cover 3" />
24                 <div class="card-body">
25                     <h4>Song 3</h4>
26                     <p>Artist</p>
27                     <p>Album</p>
28                     <p>Genre</p>
29                 </div>
30             </div>
31         </div>
32     </div>
33 </div>
```

Final Website Images



- 01 On My Way
Alan Walker
- 02 Alan Walker-Fade
Alan Walker
- 03 Cartoon - On & On
Daniel Levi
- 04 Warriyo - Mortals
Mortals
- 05 Ertugrul Gazi
Ertugrul

Lpu music.com

Login to create a playlist
Get the best you can get

Login

Signup

Latest Hindi

- Electroni
Electro
- Agar Tum Sath Ho
Tamashaa
- Sadki
Neha Kakkar
- Dilber
Satyameva Jayate
- Duniya
Luka Chupli
- Laahore Di
Street Dancer 3D
- Putt Jatt Da
Putt Jatt Da
- Baarishein
Atif Aslam
- Vaaste
Dhvani Bhanushali
- Lut Gaye
Jubin Nautiyal
- JAAM
HONEY

Latest English

- Dreamer
Dreamer
- Catch me if
Catch me
- Let Her go
Let her go
- Make Your Mind
Make Your Mind
- World we use to
know
Alan Walker
- Broken Angel
Broken Angel
- BLUE
Blue
- Dame to cosita
Dame
- Despacito
Despacito
- Extremes
Extremes
- Numb
Numb

Popular artist

-
-
-
-
-
-
-
-
-
-
-
-

HARDWARE

HARDWARE		
Processor	:	Pentium 2.4 GHz or above
Memory	:	256 MB RAM or above
Cache Memory	:	128 KB or above
Hard Disk	:	3 GB or above [at least 3MB free space required]
PenDrive	:	5GB
SOFTWARE		
Operating System	:	Windows 10
Font-End Tool	:	JavaScript, Html,Css, bootstraps
Backend	:	SQLite, Django, Python
BROWSER	:	Google Chrome, Microsoft edge, Safari e.t.c.....

Reference

- W3school:–<https://www.w3schools.com/>
- Youtube:– <https://www.youtube.com/>
- Geeksforgeeks:–<https://www.geeksforgeeks.org/>
- Code with harry:–<https://www.codewithharry.com/>

Bibliography

Online refrence:-

- W3School (FOR REFERCE TO CODE)
- GITHUB (FOR TAKING EXAMPLE)

HELPING HAND

- Sheetal Chahaun(TEACHER)

TEAM MEMBERS

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- Vikash(09)
- Adarsh Kumar(29)

