

MUSIFY – SPOTIFY CLONE

A PROJECT REPORT

Submitted by

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BONAFIDE CERTIFICATE

Certified that this project report “**MUSIFY – SPOTIFY CLONE**” is the bonafide work of “**PRIYANSHU VERMA , SUNNY KUMAR , RONAK**” who carried out the project work under my/our supervision.

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INTERNAL EXAMINER

EXTERNAL EXAMINER

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ABSTRACT

This project is a basic music streaming application similar to Spotify. The aim is to create a platform where users can play songs, search for music, and create playlists. It provides a simple and smooth music listening experience. The frontend is built using HTML, CSS, and JavaScript (or React.js, if used), and the backend is developed with Node.js and Express.js. Songs are stored locally or fetched from a static source. Users can play, pause, and skip tracks, and explore different music options. This project helps us understand how music streaming platforms work and improves our skills in web development.

CHAPTER 1.

INTRODUCTION

- 1.1 Identification of Client/ Need/ Relevant Contemporary issue Music streaming is now one of the most popular ways to consume music. Services like Spotify have changed how people listen to and discover music. A simplified Spotify clone helps students learn core concepts of web development.
- 1.2 Identification of Problem Students and new developers often struggle to understand how full-fledged music applications work. This project addresses the challenge of building a functional music player interface using modern technologies.
- 1.3 Identification of Tasks
 - Designing the user interface with HTML and CSS
 - Adding interactivity using JavaScript
 - Structuring the application with React components
 - Fetching music data using APIs
 - Ensuring responsive design for multiple devices

TIMELINE

Task	Duration
Research & Planning	1 week
UI Design	1 week
React Component Setup	1 week
API Integration	1 week
Testing & Final Touches	1 week

1.5 Organization of the Report This report consists of five chapters. It begins with the introduction, followed by a background study, design process, implementation, results analysis, conclusion, and future scope. The report ends with references and an appendix.

CHAPTER 2.

LITERATURE REVIEW/BACKGROUND STUDY

2.1 Timeline of the reported problem Music platforms like Spotify, Apple Music, and YouTube Music evolved rapidly since 2008. Understanding the rise of such platforms shows the importance of creating interactive digital experiences.

2.2 Existing solutions Spotify, Apple Music, and other platforms provide full-featured applications with user management, song libraries, recommendations, and cloud integration.

2.3 Bibliometric analysis A review of articles, tutorials, and documentation shows increasing use of React and APIs in frontend projects related to media playback and streaming.

2.4 Review Summary Modern frontend technologies enable developers to create powerful media applications. The use of APIs allows easy integration of real-time data, even without managing databases.

2.5 Problem Definition How to build a functional, responsive, and visually appealing music streaming interface using only frontend technologies and APIs.

2.6 Goals/Objectives

- Create a clean and user-friendly interface
- Fetch and display music data via API
- Enable basic music controls (play, pause, skip)
- Learn practical usage of React and APIs

CHAPTER 3.

DESIGN FLOW/PROCESS

3.1 Evaluation & Selection of Specifications/Features The app includes music search, playback, playlist viewing, and responsive design.

3.2 Design Constraints No backend or database used. All data must be fetched using APIs. Limited to publicly available music APIs.

3.3 Analysis of Features and finalization subject to constraints
Selected features were based on feasibility without a backend. User login, custom playlists were excluded.

3.4 Design Flow User lands on the homepage → Searches for a song → Plays the track using the player → Browses other tracks

3.5 Design selection React was chosen for its component-based structure and smooth rendering. API used to fetch songs. CSS used for layout and animations.

3.6 Implementation plan/methodology The app was divided into components like Header, Search Bar, Song List, and Player. API calls were made through fetch/Axios. State managed via React hooks.

CHAPTER 4.

RESULTS ANALYSIS AND VALIDATION

4.1 Implementation of solution The Spotify clone successfully implements:

- A responsive layout
- API-based song fetching
- Working play/pause functionality
- Component-based design in React
- Real-time updates to the UI

The result was tested on different browsers and screen sizes to ensure a smooth user experience.

CHAPTER 5.

CONCLUSION AND FUTURE WORK

5.1 Conclusion This project successfully created a frontend music streaming application that mimics Spotify's basic functionality. It demonstrates the use of HTML, CSS, JavaScript, and React in real-world applications.

5.2 Future work

- Add user authentication and login features
- Use a backend to store user data
- Allow playlist creation and saving
- Add shuffle and loop features

REFERENCES

- ReactJS Documentation (reactjs.org)
- MDN Web Docs (developer.mozilla.org)
- Spotify API Documentation
- W3Schools

APPENDIX

1. Plagiarism Report (Attached separately)
2. Design Checklist
-

USER MANUAL

1. Open the application in a web browser.
2. Use the search bar to find songs.
3. Click on a song to play.
4. Use the play/pause controls at the bottom.
5. Navigate through the interface to explore other music.

CODE MANUAL

```
<!DOCTYPE html>
<html lang="en">

  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="preconnect" href="https://fonts.googleapis.com" />
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin />
    <link
      href="https://fonts.googleapis.com/css2?family=Nunito:ital,wght@0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;0,1000;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900;1,1000&family=Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&display=swap"
      rel="stylesheet" />
    <link rel="stylesheet"
      href="https://fonts.googleapis.com/css2?family=Material+Symbols+Outlined:opsz,wght,FILL,GRAD@200,48,100,700,0,1,-50,200" />
    <link rel="stylesheet"
      href="https://fonts.googleapis.com/css2?family=Material+Symbols+Rounded:opsz,wght,FILL,GRAD@20,48,100,700,0,1,-50,200" />
    <link rel="stylesheet"
      href="https://fonts.googleapis.com/css2?family=Material+Symbols+Rounded:opsz,wght,FILL,GRAD@N,N,300,0,0" />
    <link rel="stylesheet" href="style.css" />
    <link rel="apple-touch-icon" sizes="180x180" href="meta/apple-touch-icon.png">
    <link rel="icon" type="image/png" sizes="32x32" href="meta/favicon-32x32.png">
    <link rel="icon" type="image/png" sizes="16x16" href="meta/favicon-16x16.png">
    <link rel="manifest" href="meta/site.webmanifest">
    <link rel="mask-icon" href="meta/safari-pinned-tab.svg" color="#5bbad5">
    <meta name="msapplication-TileColor" content="#da532c">
    <meta name="theme-color" content="#ffffff">
    <script src="https://kit.fontawesome.com/30ba74ff6e.js" crossorigin="anonymous"></script>
    <title>Spotify Clone</title>

  </head>

  <body >
    <div class="maincontainer" style="max-height: 100vh; overflow: hidden; " custom attribute="0">
      <div class="sidebar">
        <div class="loadingSideBar">
          <div class="loadingElSideBar"></div>
          <div class="loadingElSideBar"></div>
          <div class="loadingElSideBar"></div>
          <div class="loadingElSideBar"></div>
          <div class="loadingElSideBar"></div>
          <div class="loadingElSideBar"></div>
          <div class="loadingElSideBar"></div>
          <div class="loadingElSideBar"></div>
          <div class="loadingElSideBar"></div>
          <div class="loadingElSideBar"></div>
        </div>
      </div>
    </div>
  </body>
</html>
```

```

        </div>
        <div class="sidebaruppersection">
            
            <div class="icon" id="homeicon">
                <span id="homeicon-svg" class="material-symbols-rounded">Home</span>
                <p class="icontext" id="homeicon-text">Home</p>
            </div>

            <div id="searchicon" class="icon">
                <span id="searchicons-svg" class="fa-solid fa-magnifying-glass"></span>
                <p class="icontext" id="searchicon-text">Search</p>
            </div>
        </div>
        <div class="sidebarlowersection">
            <div class="icon" id="libraryicon">
                <span id="libraryicon-svg" class="material-symbols-outlined">library_music</span>
                <p class="icontext" id="libraryicon-text">Your Library</p>
                <span id="plusicons" class="material-symbols-outlined">add</span>
                <span id="leftarrowicons" class="material-symbols-outlined">
                    arrow_right_alt
                </span>
            </div>
            <div class="tagcontainer">
                <span id="crossicontag-svg" class="material-symbols-outlined">close</span>
                <span class="playlisttag" id="playlisttag1">Playlists</span>
                <span class="artisttag">Artists</span>
            </div>

            <div class="icon" id="recenticon">
                <form >

                    <button>

                        <span id="searchicons-svg2" class="material-symbols-outlined">search</span>
                    </button>
                    <input type="text" placeholder="Search in your library" id="searchtextfeild" name="song"
                        autocomplete="off" />
                    <span id="crossicon-svg" class="material-symbols-outlined">close</span>
                </form>

                <div class="recenticon-cont">
                    <span class="recenticon-text">Recents</span>
                    <span id="recenticon-svg" class="material-symbols-outlined">
                        density_small
                    </span>
                </div>
            </div>
            <div class="defaultlistings">
                <div class="playlistsideblock1">
                    
                    <div class="textforplaylist">
                        <p class="playlistname">Default Songs</p>
                        <p class="thumbnaillabel">Playlist &#8226; 25 songs</p>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

        </div>

        <div class="failedtosearch">
            <h3></h3>
            <p>Try searching again using different spelling or keyword.</p>
        </div>
    </div>
    </div>
    </div>
    <div class="musicBar">
<div id="loadingMusicBar"style="padding:0; overflow: hidden;"class="loadingSideBar">
    <div class="loadingElMusicbar">
        <div class="loadingMusicbarEl"></div>
        <div class="loadingMusicbarEl"></div>
        <div class="loadingMusicbarEl"></div>
    </div>

    </div>
    <div class="currentSong">

        <div class="currentMusic-Player">
            <div contenteditable=""><p></p></div>
        </div>
        <span id="likeicon"
class="material-symbols-outlined">
            favorite
        </span>

    </div>
    <div class="controls">
        <div class="mainControls">
            <span class="material-symbols-outlined" id="controlicon-shuffle">
                shuffle
            </span>
            <span class="material-symbols-outlined" id="controlicon-prev">
                skip_previous
            </span>

            <span class="material-symbols-outlined" id="controlicon-play">
                play_circle
            </span>
            <span class="material-symbols-outlined" id="controlicon-next">
                skip_next
            </span>2
            <span class="material-symbols-outlined" id="controlicon-loop">
                laps
            </span>
        </div>
        <div class="centerControls">
            <p id="currentTime">
                1:10
            </p>

```

```

        <div class="progressBar">
        <div class="pbarTargetArea"></div>
        <div class="progressBarFill">
        <div id="progressbarBullet"></div>
        </div>
        </div>
        <p id="totalDuration">
        3:30
        </p>

        </div>

        </div>
        <div class="sideControls">
        <span id="sideControls-veiw" class="material-symbols-outlined">
        slideshow
        </span>
        <span id="sideControls-sound" class="material-symbols-outlined">
        volume_up
        </span>
        <div class="volumeBar">
        <div class="vbarTargetArea"></div>
        <div class="volumeBarFill">
        <div id="volumebarBullet"></div>
        </div>
        </div>
        </div>
        </div>
        <div class="nowPlayingVeiw" >
        <div class="nowplayingHeader"><h3 class="NowPlaying">Now Playing</h3><span
        id="nowPlayingClose" class="material-symbols-outlined">
        close
        </span></div>
        
        <p class="nowPlayingSongName">Satranga ( "Animal")</p>
        <p class="nowPlayingSongArtist">Arijit Singh, Shreyas Puranik</p>
        <div class="inQueueSongs">
        <h3 class="nextInQueue">Next in Queue</h3>
        <div class="inQueueSong1">
        <span id="nowPlayingPlayIcon" class="material-symbols-outlined">
        play_arrow
        </span>
        <div class="bars">
        <div class="bars__item"></div>
        <div class="bars__item"></div>
        <div class="bars__item"></div>
        <div class="bars__item"></div>
        </div>
        <img src="" >
        <div class="textForSong">
        <p class="queueSongName"></p>

```

```
<p class="queueSongArtist"></p>
</div>
</div>

</div>
</div>
<div class="mainwindow">
<div class="loadingMainWindow">
<div class="loadingNav">
<div class="loadingElSidebar1"></div>
<div class="loadingElSidebar2"></div>
</div>
</div>
<div style="margin-top:20vh ;width:30%;" class="loadingElMainwindow"></div>
<div class="loadingElMainwindowCardCont">
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
</div>
<div style="margin-top:5vh ;width:30%;" class="loadingElMainwindow"></div>
<div class="loadingElMainwindowCardCont">
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
</div>
<div style="margin-top:5vh ;width:30%;" class="loadingElMainwindow"></div>
<div class="loadingElMainwindowCardCont">
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
</div>
<div style="margin-top:5vh ;width:30%;" class="loadingElMainwindow"></div>
<div class="loadingElMainwindowCardCont">
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
</div>
<div style="margin-top:5vh ;width:30%;" class="loadingElMainwindow"></div>
<div class="loadingElMainwindowCardCont">
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
```

```

<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
<div class="loadingElCard"></div>
</div>
<div style="margin-top:5vh ;width:30%;" class="loadingElMainwindow"></div>
<div class="loadingElMainwindowCardCont">
  <div class="loadingElCard"></div>
  <div class="loadingElCard"></div>
  <div class="loadingElCard"></div>
  <div class="loadingElCard"></div>
  <div class="loadingElCard"></div>
  <div class="loadingElCard"></div>
</div>
<div style="margin-top:5vh ;width:30%;" class="loadingElMainwindow"></div>
<div class="loadingElMainwindowCardCont">
  <div class="loadingElCard"></div>
  <div class="loadingElCard"></div>
  <div class="loadingElCard"></div>
  <div class="loadingElCard"></div>
  <div class="loadingElCard"></div>
  <div class="loadingElCard"></div>
</div>
</div>
<nav class="mainNav" style="width:102%">

  <nav>
    <div class="wrapperForSearchBar-Chev">
      <div class="wrapper1stInNav">
        <span id="chev1" title="Previous page" class="material-symbols-outlined">
          arrow_back_ios_new
        </span>
        <span id="chev" title="Next page" class="material-symbols-outlined">
          arrow_forward_ios
        </span>
      </div>
      <div class="mainSearchBarCont">
        <span class="fa-solid fa-magnifying-glass" id="mainSearchBtn"></span>
        <input type="text" value="" placeholder="What do you want to play?" id="mainSearchBar"
          autocomplete="off">
        <span class="material-symbols-rounded" id="mainSearchCancelBtn">close</span>
      </div>
    </div>
    <div class="wrapper2ndInNav">
      <span id="followme" style="pointer-events: all; cursor: pointer;">Follow Me!</span>
      <span id="bell-icon" class="material-symbols-outlined">
        notifications
      </span>
      <img
        src="data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAD/2wCEAAkGBxISEhUSEhM
        WFRUXFRUVFhUVFRUVFRYVFRcWFhUVFRUYHSggGBolGxUVITEhJSkrLi4uFx8zODMtNygtLisB
        CgoKDg0OFRAQGC0dHR0tLSstLSstLS0rKy0tLS0tLS0tLSstLS0tLS0tKy0tLS03LS0tKystLSsrLSsrKysr
        K//AABEIAOAA4AMBIgACEQEDEQH/xAAcAAABBQEBAQAQAAAAAAAAAAAAAAAAAAFAQIDBAYHAAj/x

```

AA/EAABAwIEAwYEBAUDAgcAAAABAAIDBBEFEiExBkFREyJhcYGRBzKhWUJSsdEUI2Jy4RUz8B
YkNFOCkqKywv/EABoBAAMBABQEBAAAAAAAAAAAAAAAAAECAwAEBQb/xAAkEQACAwACagICAw
EAAAAAAAAAAQIDERIhBDETQRRRIImFxI//aAAwDAQACEQMRAD8A5EXJE1KpFx2ZeSLyxhUrS
kuvNWMOX0VQyxxRRRs2DGt9gFwPBKB08zIx1uT0A3K7hhsJJHhZSnNx6Xs6Kf2aSJt1bgZYKCIaKx
GuleikmSEdEmS5Sl1IG+WwTEkmKTqonPVd8xTQ5DSygTulTcyhCeCto+DnFMJSIMkdYLabCrVS2BP
ghdNTgi99Sn4tKbWGpKofxBG7SEUdNceg1DG4bG6m7YbOCDU2K62/VE4qtj9CnGIFkssXdJbqOY/ZC
Rdjs7NR+IciOaJ5HMN2G45hQTxgfzGfKdHt/KVmiW50cv8AiZThmUDVpfmYf6XNOnuFgF26swenqX9j
U/I1ri05sp3BaQfllcq4qoIIJstO5zmZb9+1wbke2ig12cfkR70COSBeckCBxMeCnJjU9Ac8ISJVjCJQkXljGx
+HLLzSHnlAHqV2ekpcgA58/NcZ+FgJrgBqMrifTb6ruL3WsPfzQUE5adVPonjUj5g3dVpJw0XQHEsQza
AqreF41cmHJcSaeic+a40WbpoHEIvRnS3RLyKOpRLVl6yTMvFyIo8JMyYSIsibBwKrzvUpcq85s0lYKQ
OEI5b2vYK2ZGnSyZh40JI3KuWb0VildwpTUcThsL9dihs9E9vyHMPqtCIImFeOHj8Lk2GVuezN02KvYb
O9ijcNQ2QZm+T29QoMRwxxHeaD0I3CB01QYn6Hb6joUGO1Ga1EVbGHueOYZYeNiQuUcVi0/mxp/V
aX4i465tQ6OFxa0saSQbG7tbXCwUjydSSfPVSked5FiScRhKaCIKaIOEnaE4JV5KOeXkiUBYx4hInWSW
WMdA+Dkdp5ZLfKwNv4uO30XV6qoDSBz3PmVzn4UMDaeV/WX6NaP3Whmx5JPMrcsO7x4/xLtfX9
4i6H0bc0hJ2CBV2JhsmY3tz0Kkocd7zRuym2psDp4JHI74tRRsmYgASLeCrOriHaIn/qTNzf2JUMuKN5
Nd52W5oH8Wa6mrOZVhs11isOxYu0c0t10vzHVGoq0W0PsmU0xGkHROAmvq+iEdv4prZU/IHELdrdR
YhMAzXwVS0eyjnkzmy2m4hClxWOysjEojzQiKIDcBPNAx+2hTKZmosLCWN3MJHwj8LtfNZ2ehkZsb
hQfxDxzKfmOq0/TClfWzx6DvfVZnES6+fmd/BGqWuc45XHyuoelYhkLtiBfzCVy0aORZyjjgf9wHfmjafq
R9lnSUV4lrBLMSNmgMHoTf6koSUh43INOx4NKRKUibZlteXkqBQRKEt5oWMOaF4hTManmJYxtfhp
iTA19OdCSZB4iwBH0RnHphEGuGtnX9L3XNsOqnQSNkbu0+42I9lq8RxOOqiGU2dmaC076nXzSSR1U
24sHsvK4vdsTcN5AI3Q0rbKrRU9kbpILLk9ZzyIjRjkEpodNkSYxWRH4IqIvIz7qFQOpi3a4Wm7C6a6j
8EeIOZk5amVuzr+YVv2MzN2A+q1IRhgI2QSrw5NskUjaUaXiCQuyvaAOoKJNxbXukFBj6IqA4a75mk
g+CKmyitNxT4qDuFYbMD8pXPBXzRHvd8exV+i4gjcctyx3IO0v5FUUzc0zfR1RGjtU2WKOTY6rONxV
w31VinmLjcGxT8hv8LFbT20d6FBMdxETppGuOrW3aeZG1v0WkEoe3JJv1XO+O6sMaYie8TYf23Bv5aJ
tNKeRemBcdUHSkppRPFb16IUIIIsDS2lCaFI1KUHAI7WJWhOCARzdE8uUSVEx4olw5BnqGjpc/RQ4
ThU1VIIoGF7z02A6uOwC6jw18PGUh7Wsq4mOLfIFrDme84i/sgwbjGUtMjFPCr0ceHE2bXRE9Mzf3RR
mB5heOVjh/zmFF1MsrogmKHVWxEPF8A6TO0/JceBBVlmGy/l52R4sPyL9IARBPA0K8cMf+JzG+ZQ+s
r6GH/erI2+AIv+qKixHYj00YIQeqpET08bw2W4jqM+XU5dbD2VmH+Cl0jqW5uhLb+26bgwfKjIz0Xgof4
fTZbCswOQC7bPH9O/sglRTFpsQQfEWSOBSNiZmaqiBWTx7CiBmA W/mbqhWMRgsIQSwdMNh/EU
kJDX95o67rV0eMNIbmjKwWJss4jxUuBVmR2Xrsq50CF0ovGdMgxLMLHcLmPE1e6eoe9x2OUeTdP3R/
FMS7OPMD3jo3zPNYtx5oxG8mzrDxKbdeXIQ4NESpF5YUuBSNUae0pDoJQUoKZdKFjDwvXTU1lJHV
KTETH2DMngYO0IIBfb8Tr95x52toFynEsQlncXzSOe463cb+w2C61wbNHiGFy0Bt2jWaDy1Y8eq47VRO
Y5zHizmktI6EaFFIIqkI3w/wAVVdG8OildlBuYySWOHQg7eiCLycQ+rsG4ljkpGVbnhsbmBxLjYN6g+ui
IUGMxVLbwyB4HRCexnNFgFFBY55XR2bzsSX/sjvBb30zoydiA1/kefoVOUsZSfEJGM+KHE1RJWtQC
RzYo3ZAxpLcxAF3O66rDZ10P42YQY6wVAHcma3XlnaLeeliuchET0ar4fVoZO9rvlfGR6jb9SqvHRhZ
VWp3XswZy0nSQb2PVCmNrjDIJA0Otfuu2NxZU55Mzi61rknrub7p0+gGq4c+ItfSEASdqwfkgu7ToHbh
d44Vx+LEaZs4ZoSWua4Alrh8wXy3FGXODWglxIAA1JJ0AC+nuFcNZhuHxRPe1pa3PK4kAZ3auuT029
EOjFbizCoY4XzMBa5tja/dNyAdPvc5rpS8dFpONeN6aSB0EMmdziLloNgAbnX0XO+1ledNL8yinWvZ6/g
fEoN3IG4nQOc4uBBudkGN2O6EI7iAexlg+/oiOAYKJiJpthsLaG3NI3H6EvjRN/wDPuzKVcz32Lr6bdFV
W04ukjexwYB3Ld4bb2ICxN1otM4bYuL7FSL100IOSHLyZdKCsAuhOCjT7qZceCluo7pQVjaPuvXTbrx
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cUMxCCebuzSyOb0LjY+iHzDfjsKyTtrqkOjb/21OMkVxo540Lx4AaBaGOjaG7KtgtMGsa1osAAAiixZ
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ZNPyaHW9SnU89kpVa+jjk3B+It0NFUDI/tOP1GivYd8NMVmOlK5g/NKWxgedzf6Lqxx/FDs5g8mBRiD
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uaPhSOPvbu5uOp916rw8WsklNspCuMTlwwmxs4WKIMpQ0I7W04vYjZUJ9IMq2ZGsZnnt42RueQlrY
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yXsjyQhPY0nQC6sigI1ebeG5VUmzclckvZSsvBpRjKUY/DfzP2T+1P4RbyFk3Ak7UQyssrmDYPUVb+zp4n
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5KhRntS5/wcFug8Ss1VYg6R2RpsOZ+y0ODyNEYYOXJQw69NjHTNkmiTm+iZS1Qa9bKtU1Lb6lOn0
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pKnRD6ie6purVTnqUNDhWxQjUrOVMyI4jVII8E6rJaK3hNh0QEodzOn/AD2WkaO4ZdwL28bLN0kln
N8wtI6KQlrRYRjdMwJmG4up3TOY0m1gXHdyQCSghjHeu49L2H0R3jKrDJ3MB10/RZlpLjc6ruqjHg
yfJIN2PvEWIAB8oDQmzAuN7adVYZQyOt+EeKK0IMG2G/ifsrxhpyTtUe90EQ4eTrZXRQOts0fVFbBN
VVWjkl5U6PpUJyjgna++U3sbHz6KQrgPaL2uufJskobDV2kta4N9eluqvg6rG0kAVXEZ2xsLnGwG5Vp
CeIoy6Ijl/lAIBkxCOoa/s76aG4ty5LndRUEtK3NbCIIsrldLN16kndc2oz3nMd1JUrvqL0vNktPUWPPqpXY
q9j2uby3HUcwmzUWV9xsnOdE52QmzraX5+RUDpTD9PxHE4XzZT0dog+McSG9otf6uSqS4Z0SU/D7j+I
AboJFNYKkqZpTZznHwvp7LScM0nZnMRqrtFhMbbXcNEREkTdCQnSEbZJVy3CAzVJYbhEZqqM6
BwQatb0N0WhNYWp8QzC916SoWcw+Qh5b11CJZyptFVI9UuuVVkK9LJqonPVIolJjXTZO9019kcw/i2
ndEHueGm2rT81/JZTEg57HNYLm2vlzQWmgV66uZzXeR8ZLibjU1Ekvytc7S+9hoEQoYGtAsP3TIYVej
ZZehXWoo8TyPlc2yNzHuOmgU7Ybc08O1slc9Vw4pSYuSyWNvVNa+4T8yJNs7/h0rGsygAW5BWu2uD5
IXFSlrz3ri1trIIN3WHRZeYfSopUVK4EvJuCBYepuiUSZs0BSQLGJVRxQ9zrqNPVXllsfxvsXWcRIJJbYd
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3ezHkrExsFZqAGoVU1F9ErQNIInUD5bJrprKGolAaTdOhGyfCnkzDLyIBVzi/AjTubI0fy5P/AIu5t+4VT
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FANx5JwCJNomhKmBUUYTi5Em0fQp3VmVuYgchqVvgN3KKrxdrbtaMx68vfmvLbw+IUW+kXZDcq
wzQdFmn4pIdrN8hf8AVVJHud8zifMphYiqok/ZocRqhazZQNDcCvx68lhsTo2uduXCw3JNrb/kinZLzG
C6X5R/wAZfbKcdE17I2ZQBG0BvhbnbqrzJ2RCzdSq1ZVW0Z7qlG3mdVGVjLxrxjEXF6wFhLibW2H7IZ
aiLbWYyw5XOY+5Wonw58/da0kczyAVmi4OLPmcB9UYtYs/6M7TU5v/AICJxQC2w9loosAYPxH2T3Y
M3kT6pucRezOOZYWGltrevJVZZhGCSC49d1oKnCHAAa+SDzUpvYhZSQQFNWF3PdNlmytTa2m7Ob
KNiMw+6p18nJyBShiFZc2Q8yc1JUG5SNYmwXdI3R3QPGZi42GzTbzKOTvsLBQYXhJlxtt5B7Df9ED
cTZcF4TtiYSNBArpdKwFliLi1iDzQegocjAOgRqg2srRWHLN6znvxTwLIG1UbbDRkgHL8rvt7LnoK+jpo
GvaWPaHNIsWuFwFmLB4xwHSyvLYX9jINS0d5uu3dOo9CuqFnXZw3UcnqOYMJupg7miGP8NVFG+0
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7WqJ0jFqzJEQD3nnKPLmqFKdFSxuoLpst9G6Dz5/VWaq6LxbJa8PpaYYi0kXi5Y7jbiF8QEMVw9wuX
Dk3bTxSIqampro2fM4Dw5oZLigkdIjuQPmI+jQk4U4Ga+BsiYZO0dd2TNazeQdzvzV7gnsmwveGjvzSZe
ZDWmwFz5J+DElbFdELcOqH94MDW/wBRsfZFsOwjnlfQItnuml9lOeIWM2ywx7WjK0WHgkkeFXDI4l
Scg4PzJLpqVKEcqlbSB46HqrN1VxKuZBG6V57rR7nkB4IFMBz7iN2WpaPyxm/qTZZbE66xI6o9xA57aY
1Mg/mTy3tza2xytWOjZc5pD6dF2R9CMtQt5lRz1ICqVmI8m6qmwndxv4LNjxgXoLvP3XROA8l17VwsL
ZW3533KA8E8NuqSJZAREDoNs5H/AOV1mjPQwBoFgByRhHXottisRIYQApIGWTib6KVjFc4ytVWV
RwvzGg6kbpkEDHyGZu5AadN7KffNiOF8trmMZh+iz2AcSmR2V0dmk6EeP6ooAdxOiZPG6GQXa4W8
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QDhTCDUyOqKgmQ2t3tfZaKmwX0Uj3RGw00bbMB4X0PP3WXYH0WOIKsx2c0969gOepA29VagkLgL
jXzusxxhSyve1zRya297bnQgDYjzV/hylqmj+bYjSxJOYHpf7FUJ62zRxNXqqPTS1+p+9IJCObO5Lo5z2ie
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QWQxnFnMZ3Y5GucQS69mA73s0nVMki2HqiUVAcNj2uQa7hpFz7I80WACwvCsclU58g2b5DWwBA8
RzW8DVMCLFtYKAC5U0hTdhdlOj/9k=">

</div>

```

</nav>
<div class="tagcontainer2">
  <span id="crossicontag-svg" class="material-symbols-outlined">close</span>
  <span class="alltag">All</span>
  <span class="musictag">Music</span>
  <span class="playlisttag">Playlists</span>
</div>
</nav>
<div class="mainwindow-cont-wrapper">
  <div class="mainwindow-cont-wrapper-home">
    <div class="uppersection1-mainwindow">
      <div class="uppercard">
        Liked
        Songs<span id="playicon" class="material-symbols-outlined">
          play_arrow
        </span>
      </div>
      <div class="uppercard">
        Phir Mohobbat (Md.Irfan, Arijit Singh)<span
        id="playicon"
        class="material-symbols-outlined">
          play_arrow
        </span>
      </div>
      <div class="uppercard">
        Duniyaa (Akhil, Dhvani Bhanushali<span id="playicon"
        class="material-symbols-outlined">
          play_arrow
        </span>
      </div>
      <div class="uppercard">
        4:10 AM (DIVINE, Lal Chand Yamla Jatt)<span
        id="playicon"
        class="material-symbols-outlined">
          play_arrow
        </span>
      </div>
      <div class="uppercard">
        Satranga (Arijit Singh, Shreyas Puranik)<span
        id="playicon"
        class="material-symbols-outlined">
          play_arrow
        </span>
      </div>
      <div class="uppercard">
        Labon Ko (Pritam, KK)<span id="playicon"

```

```

        class="material-symbols-outlined">
            play_arrow
        </span>
    </div>
</div>

<h3 id="charts">Weekly top charts</h3>
</div>
<div class="mainwindow-cont-wrapper-search">
    <div class="mainWindowSearchFail" style="color:white;display:flex;flex-direction:column;align-
items:center;justify-content:center;gap:1vw;display:none;padding: 10vh;border-bottom: 1px solid
    rgba(255, 255, 255, 0.247);">
        <h3 class="failureText"style="padding:0;"></h3>
        <p >try searching using different spelling or keyword</p>
    </div>
    <div class="mainwindow-search-results">
        <div class="labelsForResultsCont">
            <p class="labelForResults">Title</p>
            <p class="labelForResults">Duration</p>
            <p class="labelForResults">Album</p>
        </div>
    </div>
<div class="mainwindow-search-default">

    </div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>

<audio id="mainAudioEl" src="" type="audio/mp3"></audio>
<audio id="tempAudioEl" src="" type="audio/mp3"></audio>

<div class="headerForPlayer">
    <span id="trigger" class="material-symbols-outlined">
        expand_more
    </span>
    <div class="title"><p>dddd</p></div>
    <span id="triggerView" class="material-symbols-outlined">
        queue_music
    </span>
</div> <div class="tooltipwr">
    <div class="tooltipCont" style="
        color: white;
        font-size: 1.2vw;
        padding: 1vw;
        /* display: none; */

```

```

">
    <h4 style="
      font-weight: 800;
      font-size: 1.5vw;
">Dig Deeper</h4>
    <p style="
      margin-top: 1vw;
      font-size: 1.2vw;
">Click on <b>Now Playing Veiw</b> Button to know what's playing and what's next!</p>
    <button id="tpbtn" style="
      background-color: white;
      padding: 0.5vw 1vw;
      border-radius: 2vw;
      margin-top: 1.5vw;
      cursor: pointer;
      font-weight: 550;
">Dismiss</button>
  </div>
</div>
<script src="https://unpkg.com/@popperjs/core@2"></script>
<script src="https://unpkg.com/tippy.js@6"></script>
<script src="scripts/data.js"></script>
<script src="https://cdn.jsdelivr.net/npm/colorthief@2.3.2/dist/color-thief.min.js"></script>
<script src="scripts/utility.js"></script>
<script src="scripts/app.js"></script>
<script src="scripts/music.js"></script>
<script src="scripts/navigation.js"></script>
</body>

</html>

```

```
let btn = document.querySelector("#libraryicon");
```

```

        let styling = document.createElement("style");
        let btnClicked = false;
        let icon = document.querySelector("#libraryicon-svg");
let searchBtn = document.querySelector("#searchicons-svg2").parentElement;
        let searchBox = document.querySelector("input");
        let crossIcon = document.querySelector("#crossicon-svg");
        let searchBoxOpen = false;
        let artistName = document.querySelectorAll(".artistname");
        let playlistName = document.querySelector(".playlistname");
let actualDivs = document.querySelectorAll(".artistsideblock1");
        let divIds = [];
        let i = 0;
        let mainWindow = document.querySelector(".mainwindow");
        let upperCardList = document.querySelectorAll(".uppercard");
let mainCancelBtn = document.querySelector("#mainSearchCancelBtn");
let mainWindowSearchFail = document.querySelector(".mainWindowSearchFail");
        let mainWindowBgColor = "none";
        let minScrollVal = 40;
        let isFocused = false;

        // function definitions.

        function showResults() {
            for (divs of divIds) {
                document.getElementById(`${divs}`).style.display = "none";
                document.getElementById(`${divs}`).style.opacity = "0";
            }

            document.querySelector(".failedtosearch").style.display = "flex";
            document
                .querySelector(".failedtosearch")
                .querySelector("h3").innerText = `Couldn't find "${searchBox.value}"`;

            for (div of divIds) {
                for (char of div) {
                    if (div.includes(searchBox.value.toLowerCase().split(" ").join(""))) {
                        document.getElementById(`${div}`).style.display = "flex";
                        document.getElementById(`${div}`).style.opacity = "1";
                        document
                            .querySelector(".defaultlistings")
                            .prepend(document.getElementById(`${div}`));
                        document.querySelector(".failedtosearch").style.display = "none";
                    }
                }
            }
        }

        function assignId() {
            artistName.forEach((text) => {
                ids = text.innerText.split(" ").join("").toLowerCase();
                text.parentElement.parentElement.setAttribute("id", ids);

                text.parentElement.parentElement.addEventListener("click", (evt) => {
                    tabUpdateForSearch();
                });
            });
        }

```

```

        if (window.history.state == null || window.history.state.page == "home") {
            history.pushState({ page: "search" }, null, "/search");
            statesCovered=window.history.length-2;
            navIconUpdate();
        }
        mainWindowSearchBar.value = text.parentElement.parentElement.getAttribute("id");
        displayArtistSongs(mainWindowSearchBar.value);

    })

    divIds[i] = ids;
    i++;
    });

    let playlistId = playlistName.innerText.split(" ").join("").toLowerCase();
    divIds[i] = playlistId;
    playlistName.parentElement.parentElement.setAttribute("id", playlistId);
    elemsOriginalOrder();
    }

    function elemsOriginalOrder() {
        let defaultlistings= document.querySelector(".defaultlistings");
        let failedtosearch= document.querySelector(".failedtosearch");
        let playlisBlock = document.getElementById("defaultsongs");
        let artistBlocks = document.querySelectorAll(".artistsideblock1");
        divIds=divIds.sort();
        defaultlistings.append(playlisBlock);
        divIds.forEach((id)=>{
            artistBlocks.forEach((block)=>{
                if(block.id==id){
                    defaultlistings.append(block,failedtosearch)
                }
                else {
                    return;
                }
            })
        })
    }

    function navBgSet() {
        if (minScrollVal < mainWindow.scrollTop) {
            if (mainWindowBgColor == "none") {
                mainWindowBgColor = "rgb(32, 32, 32)";
            }
            if (location.pathname == "/search") {
                mainWindowBgColor = "rgb(32, 32, 32)";
            }
            document.querySelector(".mainNav").style.backgroundColor =
                mainWindowBgColor;
            document.querySelector(".mainNav").style.boxShadow =
                "0px 40px 80px -8px rgba(0, 0, 0, 0.452)";
        } else if (minScrollVal > mainWindow.scrollTop) {

```

```

document.querySelector(".mainNav").style.backgroundColor = "transparent";
document.querySelector(".mainNav").style.boxShadow = "none";
    }
}

function displayLoadedContent() {
    updateMusicBarBg();
    crrSongDetailsUpdate();
let musicAndSideBarLoader = document.querySelectorAll(".loadingSideBar");
    musicAndSideBarLoader.forEach((loader) => {
        loader.style.transition = "apacity 0.5s";
        loader.style.opacity = "0";
        setTimeout(() => {
            loader.style.display = "none";
        }, 1000);
    });
let mainWindowLoader = document.querySelector(".loadingMainWindow");
    mainWindowLoader.style.transition = "all 0.5s";
    mainWindowLoader.style.opacity = "0";
    setTimeout(() => {
        mainWindowLoader.style.display = "none";
        document.querySelector(".mainNav").style.zIndex = "3";
    }, 1000);
}

function updateMusicBarBg() {
    if (openedInMobile) {
const img = document.querySelector(".currentSong").querySelector("img");
const colorThief = new ColorThief();

        img.onload = function () {
            const accentColor = getColor(img);
            const accentcolor2 = getColor2(img);
            applyAccentColor(accentColor, accentcolor2);
        };

        function getColor(img) {
            const dominantColor = colorThief.getColor(img);
// You can also use colorThief.getPalette(img, colorCount) to get a palette of colors

            // Adjust saturation and luminance of the accent color
return adjustColor(dominantColor, 1, 0.2); // Set desired saturation and luminance levels//0.16
        }

function adjustColor(color, saturation, luminance) {
const hslColor = rgbToHsl(color[0], color[1], color[2]);

        // Adjust saturation and luminance
        hslColor[1] = saturation; // Set desired saturation level
        hslColor[2] = luminance; // Set desired luminance level

        // Convert HSL back to RGB
const rgbColor = hslToRgb(hslColor[0], hslColor[1], hslColor[2]);

```

```

        return rgbColor;
    }

    function applyAccentColor(color, color2) {
        document.querySelector(
            ".musicBar"
        ).style.backgroundColor = `rgba(${color[0]}, ${color[1]}, ${color[2]},1)`;

        if (isMusicBarOpened) {
            document.querySelector(
                ".fullScreenPlayer"
            ).style.backgroundColor = `rgba(${color2[0]}, ${color2[1]}, ${color2[2]},1)`;
            document.documentElement.style.setProperty(
                "--colorForBeforePLayer",
                `rgba(${color2[0]}, ${color2[1]}, ${color2[2]},1)`
            );
        }

        document.documentElement.style.setProperty(
            "--colorForBefore",
            `rgba(${color[0]}, ${color[1]}, ${color[2]},1)`
        );
        if (color[0] > color[1]) {
            if (color[0] > color[2]) {
                color[0] = color[0] + color[0] / 2;
            }
            } else if (color[1] > color[2]) {
                color[1] = color[1] + color[1] / 2;
            } else {
                color[2] = color[2] + color[2] / 2;
            }

        document.querySelector(
            ".musicBar"
        ).style.border = `1px solid rgb(${color[0]}, ${color[1]}, ${color[2]})`;

        if (isMusicBarOpened) {
            document.querySelector(
                ".fullScreenPlayer"
            ).style.border = `0px solid rgb(${color[0]}, ${color[1]}, ${color[2]})`;
        }
    }

    function rgbToHsl(r, g, b) {
        r /= 255;
        g /= 255;
        b /= 255;

        const max = Math.max(r, g, b);
        const min = Math.min(r, g, b);

        let h,
            s,
            l = (max + min) / 2;

```



```

        if (max === min) {
            h = s = 0; // achromatic
        } else {
            const d = max - min;
            s = l > 0.5 ? d / (2 - max - min) : d / (max + min);
            switch (max) {
                case r:
                    h = (g - b) / d + (g < b ? 6 : 0);
                    break;
                case g:
                    h = (b - r) / d + 2;
                    break;
                case b:
                    h = (r - g) / d + 4;
                    break;
            }
            h /= 6;
        }

        return [h, s, l];
    }

    function hslToRgb(h, s, l) {
        let r, g, b;

        if (s === 0) {
            r = g = b = l; // achromatic
        } else {
            const hue2rgb = function hue2rgb(p, q, t) {
                if (t < 0) t += 1;
                if (t > 1) t -= 1;
                if (t < 1 / 6) return p + (q - p) * 6 * t;
                if (t < 1 / 2) return q;
                if (t < 2 / 3) return p + (q - p) * (2 / 3 - t) * 6;
                return p;
            };

            const q = l < 0.5 ? l * (1 + s) : l + s - l * s;
            const p = 2 * l - q;

            r = hue2rgb(p, q, h + 1 / 3);
            g = hue2rgb(p, q, h);
            b = hue2rgb(p, q, h - 1 / 3);
        }

        return [Math.round(r * 255), Math.round(g * 255), Math.round(b * 255)];
    }

    function getColor2(img) {
        const dominantColor = colorThief.getColor(img);
        // You can also use colorThief.getPalette(img, colorCount) to get a palette of colors

        // Adjust saturation and luminance of the accent color
        return adjustColor(dominantColor, 1, 0.09); // Set desired saturation and luminance levels//0.16
    }

```

```

    }
    }
}

function sidebarOpenClose() {
    if (!openedInMobile) {
        if (btnclicked == false) {
            styling.innerHTML = sideBarCollapsedStyling;
            if (isResized) { styling.append(".defaultlistings::before{top:29%}") }
            document.head.append(styling);
            icon.style = `font-variation-settings: "FILL" 0, "wght" 300, "GRAD" 0, "opsz" 24;`;
            btnclicked = true;
            document.querySelector(".logo").src = "meta/logo1.png";
            localStorage.setItem("isSidebarCollapsed", true);

            if(nowPlayingOpened){
                mainWindow.style.width="72vw";
            }
            else{
                mainWindow.style.width="97vw";
            }

            } else if (btnclicked == true) {
                styling.innerHTML = "";
                icon.style = `font-variation-settings: "FILL" 1, "wght" 400, "GRAD" 0, "opsz" 24;`;
                btnclicked = false;
                document.querySelector(".logo").src = "meta/logo.png";
                localStorage.setItem("isSidebarCollapsed", false);
                if(nowPlayingOpened){
                    mainWindow.style.width="50vw";
                }
                else{
                    mainWindow.style.width="75vw";
                }
            }
        }
    }

// Main code block, statements written in the sequence of execution.
    assignId();
    const originalListings = document.querySelector(".defaultlistings").innerHTML;

    btn.addEventListener("click", () => {
        sidebarOpenClose();
        for (divs of divIds) {
            document.getElementById(`${divs}`).style.display = "flex";
            document.getElementById(`${divs}`).style.opacity = "1";
            document.querySelector(".failedtosearch").style.display = "none";
        }
    });

    searchBtn.addEventListener("click", (evt) => {
        evt.preventDefault();

```

```

        if (openedInMobile) return;
        searchBoxOpen = !searchBoxOpen;

        if (searchBoxOpen) {
            searchBox.style.display = "initial";

            searchBox.addEventListener("input", () => {
                if (searchBox.value != "") {
                    crossIcon.style.display = "initial";
                } else {
                    crossIcon.style.display = "none";
                }
                showResults();

                crossIcon.addEventListener("click", () => {
                    document.querySelector(".failedtosearch").style.display = "none";
                    searchBox.value = "";
                    for (divs of divIds) {
                        document.getElementById(`${divs}`).style.display = "flex";
                        document.getElementById(`${divs}`).style.opacity = "1";
                    }
                    elemsOriginalOrder();
                    crossIcon.style.display = "none";
                });
            });
            searchBtn.classList.add("buttonclicked");
        }
        else if (!searchBoxOpen) {
            searchBox.style.display = "none";
            searchBtn.classList.remove("buttonclicked");
        }
    });

    upperCardList.forEach((value, idx) => {
        value.addEventListener("mouseenter", () => {
            mainWindow.style.backgroundImage = mainWindowBg[idx];
            mainWindowBgColor = mainWindowBg[idx];
            finalBgColorI1 = mainWindowBgColor.indexOf("rgb(");
            finalBgColorI2 = mainWindowBgColor.indexOf(")", finalBgColorI1);
            finalBgColor = mainWindowBgColor.substring(
                finalBgColorI1,
                finalBgColorI2 + 1
            );
            mainWindowBgColor = finalBgColor;
        });
    });

    document.addEventListener("DOMContentLoaded", () => {
        console.log("domloaded");
        navBgSet();
        if(openedInMobile){
            document.querySelector(".musicBar").style.display="initial";

```

```

        setTimeout(()=>{ document.querySelector(".musicBar").style.opacity="1";
                                },10);

                                }
                                });

        mainWindow.addEventListener("scroll", navBgSet);

        window.addEventListener("load", displayLoadedContent);

        searchBox.addEventListener("focus", () => {
            if (!openedInMobile) return;
            searchBoxOpen = !searchBoxOpen;
            document.querySelector(".failedtosearch").style.justifyContent = "flex-start";
            document.querySelector(".failedtosearch").style.paddingTop = "2vh";
            // evt.preventDefault();
            if (searchBoxOpen) {
                searchBox.style.display = "initial";

                searchBox.addEventListener("input", () => {
                    if (searchBox.value != "") {
                        crossIcon.style.display = "initial";
                    } else {
                        crossIcon.style.display = "none";
                    }
                    showResults();

                    crossIcon.addEventListener("click", () => {
                        document.querySelector(".failedtosearch").style.display = "none";
                        searchBox.value = "";
                        for (divs of divIds) {
                            document.getElementById(`${divs}`).style.display = "flex";
                            document.getElementById(`${divs}`).style.opacity = "1";
                        }
                        elemsOriginalOrder();
                        crossIcon.style.display = "none";
                    });
                });
                searchBtn.classList.add("buttonclicked");
            }

            isFocused = true;
            searchBox.addEventListener("blur", () => {
                document.querySelector(".failedtosearch").style.justifyContent = "center";
                document.querySelector(".failedtosearch").style.paddingTop = "0";
                setTimeout(() => { isFocused = false; }, 500)

            })
        });

        document.querySelector("#mainSearchBar").addEventListener("focus", (evt) => {
            evt.target.style.borderColor = "white";
            document.getElementById("mainSearchBtn").style.borderColor = "white";

```

```

        mainCancelBtn.style.borderColor = "white";
        document.getElementById("mainSearchBtn").style.color = "white";
        document.getElementById("mainSearchBtn").style.borderRightColor = "transparent";

    });

    mainCancelBtn.addEventListener("click", (evt) => {
        mainWindowSearchBar.value = "";
        mainWindowSearchResult.style.display = "none";
        mainWindowSearchDefault.style.display = "block";
        mainWindowSearchFail.style.display = "none";
        evt.target.style.color = "transparent";
        evt.target.style.pointerEvents = "none";
    });

    mainWindowSearchBar.addEventListener("input", (evt) => {

        mainCancelBtn.style.color = "white";
        mainCancelBtn.style.borderLeftColor = "transparent";
        mainSearchBarFunctionality(evt);
    });

    window.addEventListener("keydown", (evt) => {
        let vbarWidth = vbar.style.width;
        if (evt.key == "ArrowUp") {
            if (Audio.volume < 1) {

                vbarWidth = vbarWidth.replace("%", "");
                vbarWidth = parseInt(vbarWidth) + 10;
                vbarWidth = vbarWidth + "%";
                updateVbar(null, null, vbarWidth)
            }

        }

        else if (evt.key == "ArrowDown") {
            if (Audio.volume > 0) {

                vbarWidth = vbarWidth.replace("%", "");
                vbarWidth = parseInt(vbarWidth) - 10;
                vbarWidth = vbarWidth + "%";
                updateVbar(null, null, vbarWidth)
            }
        }
    });

    document.querySelector(".mainwindow-search-results").addEventListener("scroll", ()=>{
        if(document.querySelector(".mainwindow-search-results").scrollTop>5){
            document.querySelector(".mainwindow-search-results").classList.add("mainwindow-search-resultsEnableBef");
        }

        else if(document.querySelector(".mainwindow-search-results").scrollTop<5){

```

```

document.querySelector(".mainwindow-search-results").classList.remove("mainwindow-search-
resultsEnableBef");
    }
})

```

```

var tooltipcontent=document.querySelector(".tooltipwr").innerHTML;

```

```

        function tippyload(){
            if(localStorage.getItem("device")=="pc"){

                if(!localStorage.getItem("isTooltipShown")){
var tooltip = tippy(document.querySelector("#sideControls-veiw"), {
                    content:tooltipcontent ,
                    allowHTML: true, // Allows HTML content
                    showOnInit: true, // Show the tooltip by default
                    interactive: true, // Allow interactions with the tooltip
                    showOnCreate: true, // Show the tooltip when it is created
                    arrow:true,
                    hideOnClick: false, // Don't hide the tooltip when clicked
                    trigger: 'manual', // Don't rely on hover or click triggers
                });
                localStorage.setItem("isTooltipShown",true),

                document.querySelector("#tpbtn").addEventListener("click",()=>{
                    tooltip.hide();
                })
                return tooltip;

            }
        }
    }

    let tooltip=tippyload();

    const evObj={
        bubbles:true,
        cancelable:true
    }

    let myEvt=new Event("click",evObj);

document.querySelector(".currentSong").addEventListener("click",()=>{
    if(!openedInMobile){
        document.querySelector("#sideControls-veiw").dispatchEvent(myEvt);
    }
})

```

```

const Audio=document.querySelector("#mainAudioEl");
let tempAudio=document.querySelector("#tempAudioEl");

```

```

    const mainWindowSearchBar = document.getElementById("mainSearchBar");
const mainWindowSearchDefault = document.querySelector(".mainwindow-search-default");
const mainWindowSearchResult = document.querySelector(".mainwindow-search-results");
    let mainWindowSearchBarFocus=false;
    let openedInMobile = false;
const widthForMobileCardsCluttering = 740;
    let artistArray=[];
    let userDevice;
const homeTabContainer=document.querySelector(".mainwindow-cont-wrapper-home");
const searchTabContainer=document.querySelector(".mainwindow-cont-wrapper-search");
const stylingForSearchTab=`
    #homeicon-text{
    color:rgb(167, 166, 166);
    }
    #homeicon-svg{
    color:rgb(167, 166, 166);

    font-variation-settings:
      'FILL' 0,
      'wght' 400,
      'GRAD' 0,
      'opsz' 24;

    }
    .mainSearchBarCont{
    display:flex;
    }
    #searchicons-svg{
    color:white;
    }
    #searchicon-text{
    color:white;
    }
    `
const stylingForHomeTab=`
    #homeicon-text{
    color:white;
    }
    #homeicon-svg{
    color:white;

    font-variation-settings:
      'FILL' 1,
      'wght' 400,
      'GRAD' 0,
      'opsz' 24;
    }

    .mainSearchBarCont{
    display:none;
    }
    #searchicons-svg{
    color:grey;

```

```

    }
    #searchicon-text{
        color:grey;
    }
    ,

    const defaultCardsData=[
        {
            src:"https://i.scdn.co/image/ab67fb8200005caf474a477debc822a3a45c5acb",
            color:"#DC148C",
            title:"Music",
        },
        {
            src:"https://i.scdn.co/image/ab67656300000ba8a81f07e1ead0317ee3c285bfa",
            color:"#006450",
            title:"Podcasts",
        },
        {
            src:"https://concerts.spotifycdn.com/images/live-events_category-image.jpg",
            color:"#8400E7",
            title:"Concerts",
        },
        {
            src:"https://t.scdn.co/images/ea364e99656e46a096ea1df50f581efe",
            color:"#1E3264",
            title:"Made For You",
        },
        {
            src:"https://i.scdn.co/image/ab67706f0000000027ea4d505212b9de1f72c5112",
            color:"#E8115B",
            title:"New Releases",
        },
        {
            src:"https://i.scdn.co/image/ab67fb8200005caff5976b97bcf10d98acbae2cd",
            color:"#DC148C",
            title:"Hindi",
        },
        {
            src:"https://i.scdn.co/image/ab67706f000000002461fda205f5f952eff8bae70",
            color:"#B02897",
            title:"Punjabi",
        },
        {
            src:"https://i.scdn.co/image/ab67fb8200005caf4b3beede484da74b233fa299",
            color:"#A56752",
            title:"Tamil",
        },
        {
            src:"https://i.scdn.co/image/ab67fb8200005caf666a4ae3e6161da7a120ca14",
            color:"#777777",
            title:"Ghazals",
        },
        {
            src:"https://t.scdn.co/images/7262179db37c498480ef06bfacb60310.jpeg",

```



```
        color: "#0D73EC",
        title: "Podcast Charts",
    },
    {
        src: "https://t.scdn.co/images/209c867f5bb34076b0dcc9deeb1868e6",
        title: "Podcast New Releases",
        color: "#8E66AC"
    },
    {
        src: "https://i.scdn.co/image/9af79fd06e34dea3cd27c4e1cd6ec7343ce20af4",
        title: "Video Podcasts",
        color: "#E13300"
    },
    {
        src: "https://i.scdn.co/image/e227cd9674618024276c65f1213fb05af34cf512",
        title: "Buisness & Technology",
        color: "#777777"
    },
    {
        src: "https://charts-images.scdn.co/assets/locale_en/regional/weekly/region_global_default.jpg",
        title: "Charts",
        color: "#8D67AB"
    },
    {
        src: "https://i.scdn.co/image/ab67fb8200005cafbca4d84993408c24bec78de8",
        title: "Telegu",
        color: "#1E3264"
    },
    {
        src: "https://i.scdn.co/image/ab67fb8200005cafa862ab80dd85682b37c4e768",
        title: "Pop",
        color: "#148A08"
    },
    {
        src: "https://i.scdn.co/image/ab67fb8200005cafa1a252e3a815b65778d8c2aa",
        title: "Indie",
        color: "#E91429"
    },
    {
        src: "https://i.scdn.co/image/ab67fb8200005cafb03c6f8e7efca2ae36f41b31",
        title: "Love",
        color: "#EF6D7A"
    },
    {
        src: "https://t.scdn.co/images/d0fb2ab104dc4846bdc56d72b0b0d785.jpeg",
        title: "Discover",
        color: "#8D67AB"
    },
    {
        src: "https://i.scdn.co/image/ab67fb8200005caf0123a7f6f0e031c49e243389",
        title: "Bhojpuri",
        color: "#E13300"
    },
    },
    {
```

```
src: "https://i.scdn.co/image/ab67fb8200005caf1867113f5218598847550acd",
    title: "Trending",
    color: "#E13300"
  },
  {
src: "https://i.scdn.co/image/ab67fb8200005caf271f9d895003c5f5561c1354",
    title: "Mood",
    color: "#B02897"
  },
  {
src: "https://i.scdn.co/image/ab67fb8200005cafcbf80f8ea695536eace4fd2c",
    title: "Party",
    color: "#E118C"
  },
  {
src: "https://t.scdn.co/images/ad3e3f8f80eb494d998a435f7a5ae8c7",
    title: "Devotional",
    color: "#537AA1"
  },
  {
src: "https://i.scdn.co/image/ab67fb8200005caff005a355830c374754d32868",
    title: "Decades",
    color: "#C39687"
  },
  {
src: "https://i.scdn.co/image/ab67fb8200005caf9e3dea60be755ccd97b7351f",
    title: "Hip-Hop",
    color: "#BA5D07"
  },
  {
src: "https://i.scdn.co/image/ab67fb8200005cafdfdaac1cf9574a196ca25196",
    title: "Dance/Electronic",
    color: "#503750"
  },
  {
src: "https://i.scdn.co/image/ab67fb8200005cafddad1281e13697e8d8cf8f347",
    title: "Student",
    color: "#AF2896"
  },
  {
src: "https://i.scdn.co/image/ab67fb8200005caf47e942f5bea637f4f4760170",
    title: "Chill",
    color: "#D84000"
  },
  {
src: "https://i.scdn.co/image/ab67fb8200005caf26dd3719e8824756914ae61f",
    title: "Gaming",
    color: "#E8115B"
  },
  {
src: "https://i.scdn.co/image/ab67fb8200005caf013ee3c983e6f60bf28bad5a",
    title: "K-pop",
    color: "#148A08"
  },
  }
```

```

    {
src: "https://i.scdn.co/image/ab67706f0000000029249b35f23fb596b6f006a15",
    title: "Workout",
    color: "#777777"
    },
    {
src: "https://i.scdn.co/image/ab67fb8200005cafe760702de052fbefea27064a",
    title: "RADAR",
    color: "#A56752"
    },
    {
src: "https://i.scdn.co/image/ab67fb8200005caf9ed6e364e8839210dc4dbff7",
    title: "Equal",
    color: "#121212"
    },
    {
src: "https://i.scdn.co/image/ab67fb8200005cafcc1499bbb8565f490858c2bc",
    title: "Fresh Finds",
    color: "#121212"
    },
    {
src: "https://i.scdn.co/image/ab67fb8200005cafda4c849095796a9e5d2c4ddb",
    title: "Rock",
    color: "#006450"
    }
];

```

```

const playIcon_BarsHtml=`<span id="nowPlayingPlayIcon" class="material-symbols-outlined">
    play_arrow
    </span>
    <div class="bars" style="position:relative;z-index:2;">
        <div class="bars__item"></div>
        <div class="bars__item"></div>
        <div class="bars__item"></div>
        <div class="bars__item"></div>
    </div>;

const sideBarCollapsedStyling = `
    .playlist-thumb{
        height:45px;
    }
    .textforplaylist{
        display: none;
    }
    .textforartist{
        display: none;
    }
    #recenticon{
        display:none;
    }

    .tagcontainer2 {
        display: flex;
        align-items: center;

```

```

margin-left: 4vmin;
gap: 1vmin;
}

.tagcontainer {
display:none;

}

.icontext{
display:none;
}
#leftarrowiconsvg{
display:none;
}
#plusiconsvg{
display:none;
}
.defaultlistings{
height:72vh;
}
#homeicon-svg,#libraryicon-svg,#searchicons-svg{
font-size:30px;
}
#searchicons-svg{
font-size:24px;
}

.sidebar{
width:4.5vw;
}

.playlistsideblock1{
margin:0;
gap:0;
padding-left:15%;
}
.artistsideblock1{
margin:0; margin:0;
padding-left:15%;
}
.artistsideblock1 img{
height:50px;
width:50px;
}

.defaultlistings::-webkit-scrollbar{
display: none;
}
.defaultlistings:hover::-webkit-scrollbar{
display:initial;
}

.playlistsideblock1,.artistsideblock1{
padding-left: 12%;

```

```

    }
    .playlistsideblock1{
      padding-left: 15%;
    }
    .defaultlistings:hover .playlistsideblock1{
      padding-left: 17%;
    }
    .defaultlistings:hover .artistsideblock1{
      padding-left: 14%;
    }

```

```

#libraryicon,#homeicon{
  padding-left:29%;
}
#searchicon{
  padding-left:33%;
  padding-bottom:5%;
}
.mainwindow{
  width:95vw;
}
#libraryicon::before{
  content:"Expand your library";
}
.songDescription {
  margin-top: 1vh;
  font-size: 0.8vw;
  width: 9vw;
  font-weight: 600;
  color: rgba(255, 255, 255, 0.582);
}
.cardImage {
  height: 9vw;
  width: 9vw;
  border-radius: 0.6vw;
}
#collapsedSong{
  display:initial;
}
.logo{
  padding-left:29%;
}
.mainNav{
  width:95.4vw;
}
nav{
  padding-left:1.5%;
}
`;

```

```

const musicPlayerOpenedStyling = `.fullScreenPlayer{
  height:100vh;
  width:100vw;
  position: absolute;

```

```

        z-index:5;
        transition:all ease 0.2s;

    }

    .wrapperForMusicBar{
        height:100vh;
        width:100vw;
        bottom:0;
        align-items:flex-end;
    }
    .musicBar{
        margin-bottom:4vw;
    }
    .fullScreenPlayer .currentSong{
        flex-direction:column;
    }
    .fullScreenPlayer #likeicon{
        margin-left:0;
    }
    .likeAndCrrSongContainer{
        display:flex;
        align-items: center;
    }

    }

    .fullScreenPlayer .currentMusic-Player div{
        width:78vw;
        overflow: hidden;
    }
    .fullScreenPlayer .currentMusic-Player div::before{
        display: none;
    }

    .fullScreenPlayer .currentMusic-Player #cover::before{
background-image: linear-gradient(to left,var(--colorForBeforePLayer) 10%,transparent);
        width:15%;
        display:initial;
        right:-1%;
    }

    .fullScreenPlayer .currentSong{
        padding-left:0;
    }
    .fullScreenPlayer .currentSong img{

        height:85vw;
        width:85vw;
        border-radius: 3vw;
        box-shadow: 5px 15px 100px -5px rgb(0 0 0 / 57%);
    }

    .fullScreenPlayer .currentMusic-Player p{

```

```

        font-size:4vw;
    }
    .fullScreenPlayer #crrSongNameInPTag{
        font-size:6vw;
    }
    .fullScreenPlayer .likeAndCrrSongContainer{
        width:100vw;
        gap:5vw;
        justify-content: center;
        align-items: center;
        margin-top:5vw;
    }
    .fullScreenPlayer .headerForPlayer{
        margin-top:20vw;
        font-size:4vw;
        font-weight:600;
    }
    .fullScreenPlayer .centerControls{
        flex-direction:column;
    }
    .fullScreenPlayer .timingsContainer{
        width:100%;
        display:flex;
        font-size:4vw;
        font-weight:300;
        justify-content: space-between;
    }
    .fullScreenPlayer .progressBar{
        background-color: #ffffff44;
        width:100%;
        margin-top:4vw;
    }
    .fullScreenPlayer .controls{
        width:100%;
        align-items: center;
    }
    .fullScreenPlayer .centerControls{
        width:90%;
    }
    .fullScreenPlayer .mainControls{
        display: flex;
        margin-top:5vw;
        gap:5vw;
    }

    #controlicon-play{
font-variation-settings: "FILL" 1, "wght" 400, "GRAD" 0, "opsz" 24;
    }

    .fullScreenPlayer #controlicon-shuffle{
        font-size: 9vw;
        color: rgb(21, 255, 91);
font-variation-settings: "FILL" 1, "wght" 200, "GRAD" 0, "opsz" 24;
    }

```

```

        .fullScreenPlayer #controlicon-loop{
            font-size: 9vw;
font-variation-settings: "FILL" 1, "wght" 200, "GRAD" 0, "opsz" 24;
        }
        .fullScreenPlayer #controlicon-play{
            font-size: 18vw;
font-variation-settings: "FILL" 1, "wght" 400, "GRAD" 0, "opsz" 24;
        }
        .fullScreenPlayer #controlicon-next{
            color: rgb(250, 250, 250);
            font-size: 13vw;
font-variation-settings: "FILL" 1, "wght" 200, "GRAD" 0, "opsz" 24;
        }
        .fullScreenPlayer #controlicon-prev{
            color: rgb(255, 255, 255);
            font-size: 13vw;
font-variation-settings: "FILL" 1, "wght" 200, "GRAD" 0, "opsz" 24;
        }
        .fullScreenPlayer .centerControls:hover .progressBarFill {
            background-color: #ffffff;
        }
        .fullScreenPlayer #progressbarBullet{
            opacity: 1;
            height:4vw;
            width:4vw;
            position: relative;
            z-index:1;
            box-shadow: -3px 0px 10px -3px black;
        }
    `;

```

```

const mainWindowBg = [
    "linear-gradient(to top, rgba(18,18,18,1) 40%, rgb(13, 54, 22))",
    "linear-gradient(to top, rgba(18,18,18,1) 40%, rgb(28, 29, 85))",
    "linear-gradient(to top, rgba(18,18,18,1) 40%, rgb(85, 28, 28))",
    "linear-gradient(to top, rgba(18,18,18,1) 40%, rgb(84, 85, 28))",
    "linear-gradient(to top, rgba(18,18,18,1) 40%, rgb(28, 78, 85))",
    "linear-gradient(to top, rgba(18,18,18,1) 40%, rgb(32, 32, 32))",
];

```

```

const playlist = [
    "tracks/satranga.mp3",
    "tracks/chaleya.mp3",
    "tracks/4.10.mp3",
    "tracks/kesariya.mp3",
    "tracks/wohRaat.mp3",
    "tracks/thodaThodaPyaar.mp3",
    "tracks/malang.mp3",
    "tracks/duniyaa.mp3",
    "tracks/labonKo.mp3",
    "tracks/lovely.mp3",
    "tracks/stay.mp3",
    "tracks/jannateinKahan.mp3",

```



```

"tracks/sometimes.mp3",
"tracks/seedheMaut.mp3",
"tracks/tuHaiKahan.mp3",
"tracks/arjanVailly.mp3",
"tracks/ranjha.mp3",
"tracks/ratanLambiyani.mp3",
"tracks/manjha.mp3",
"tracks/vigdiyanHeraan.mp3",
"tracks/yeTuneKyaKiya.mp3",
"tracks/phirMohabbat.mp3",
"tracks/hothonSeChulo.mp3",
"tracks/noMercy.mp3",
"tracks/blowingUp.mp3",
"tracks/prarthna.mp3",
"tracks/athmaRama.mp3",
"tracks/ben10.mp3",
"tracks/humkaPeeniHai.mp3",
"tracks/aaogeTumKabhi.mp3",
"tracks/tujheSochtaHun.mp3",
"tracks/chaudhary.mp3",
"tracks/tereNainoMein.mp3",
"tracks/bulleya.mp3",
"tracks/wohBaarishein.mp3",
"tracks/jugJugJugJeeve.mp3",
"tracks/tereMastMastDoNain.mp3",
"tracks/traaPaa.mp3",
"tracks/zindagiEkSafar.mp3",
"tracks/charka.mp3",
"tracks/wishlist.mp3",
"tracks/akhiyaUdeekDiyan.mp3",
"tracks/ishq.mp3",
"tracks/wakeMeUp.mp3",
"tracks/proveThemWrong.mp3",
"tracks/humblePoet.mp3",
"tracks/52Bars.mp3",
"tracks/chaarLog.mp3",
"tracks/afsanay.mp3"
];

```

```

let songDetails =[
    {
        album: "Animal",
        description: "Arijit Singh, Shreyas Puranik",
        duration: "04:31",
        fullName: "Satranga (From \"Animal\")",
        name: "Satranga",
        src: "https://i.scdn.co/image/ab67616d00001e02021d7017f73387b008eab271"
    },
    {
        album: "Jawan",
        description: "Arijit Singh, Anirudh Ravichander",
        duration: "03:08",
        fullName: "Chaleya (From \"Jawan\")",
        name: "Chaleya",

```

```

src: "https://i.scdn.co/image/ab67616d0000b27360dbbb589dff0c57a3a4ffb2"
    },
    {
      album: "4.10",
      description: "DIVINE, Lal Chand Yamla Jatt",
      duration: "02:49",
      fullName: "4.10",
      name: "4.10",
src: "https://i.scdn.co/image/ab67616d00001e02333548f23189291acdee787d"
    },
    {
      album: "Bhramastra",
      description: "Pritam, Arijit Singh, Amitabh Bhattacharya",
      duration: "04:28",
      fullName: "Kesariya (From \"Bhramastra\")",
      name: "Kesariya",
src: "https://i.scdn.co/image/ab67616d0000b273c08202c50371e234d20caf62"
    },
    {
      album: "Woh Raat",
      description: "Raftaar, KR$NA",
      duration: "03:12",
      fullName: "Woh Raat",
      name: "Woh Raat",
src: "https://i.scdn.co/image/ab67616d00001e028eeefdbfd14ad10510ba6c86"
    },
    {
      album: "Thoda Thoda Pyaar",
      description: "Nilesh Ahuja, Stebin Ben",
      duration: "04:32",
      fullName: "Thoda Thoda Pyaar",
      name: "Thoda Thoda Pyaar",
src: "https://i.scdn.co/image/ab67616d00001e02bb52f4d0546656ebcf9ed925"
    },
    {
      album: "Malang",
      description: "Ved Sharma, Kunal Vermaa",
      duration: "04:47",
      fullName: "Malang (From \"Malang\")",
      name: "Malang(Title Track)",
src: "https://i.scdn.co/image/ab67616d00001e0299655481a2151203ed89351d"
    },
    {
      album: "Lukka Chuppi",
      description: "Akhil, Dhvani Bhanushali",
      duration: "03:42",
      fullName: "Duniya (From \"Lukka Chuppi\")",
      name: "Duniyaa",
src: "https://i.scdn.co/image/ab67616d00001e027b93fd8b0ade33ceb9d536de"
    },
    {
      album: "Labon Ko",
      description: "Pritam, KK",
      duration: "05:43",

```

```

        fullName: "Labon Ko",
        name: "Labon Ko",
src: "https://i.scdn.co/image/ab67616d0000b2734cfe2d352da6d7910961377f"
    },
    {
        album: "Lovely (with Khalid)",
        description: "Billi Eilish, Khalid",
        duration: "03:20",
        fullName: "Lovely (with Khalid)",
        name: "Lovely (with Khalid)",
src: "https://i.scdn.co/image/ab67616d00001e028a3f0a3ca7929dea23cd274c"
    },
    {
        album: "STAY (with Justin Bieber)",
        description: "The Kid LARAOI, Justin Bieber",
        duration: "02:21",
        fullName: "STAY (with Justin Bieber)",
        name: "STAY (with Justin Bieber)",
src: "https://i.scdn.co/image/ab67616d0000b27341e31d6ea1d493dd77933ee5"
    },
    {
        album: "Jannatein Kahan",
        description: "Pritam, KK",
        duration: "03:48",
        fullName: "Jannatein Kahan (From \"Jannat 2\")",
        name: "Jannatein Kahan",
src: "https://i.scdn.co/image/ab67616d0000b27371da5e89467bd75d2ed9f1fa"
    },
    {
        album: "Sometimes",
        description: "AUR",
        duration: "03:16",
        fullName: "Sometimes",
        name: "Sometimes",
src: "https://i.scdn.co/image/ab67616d00001e029ad4c5b52effc242984def78"
    },
    {
        album: "Namastute",
        description: "Seedhe Maut",
        duration: "02:00",
        fullName: "Namastute",
        name: "Namastute",
src: "https://i.scdn.co/image/ab67616d00001e02f5a66f7c0126268d45cda1b6"
    },
    {
        album: "Tu Hai Kahan",
        description: "AUR",
        duration: "04:23",
        fullName: "Tu Hai Kahan",
        name: "Tu Hai Kahan",
src: "https://i.scdn.co/image/ab67616d0000b2733fb3fb3086a40c2c5062501d"
    },
    {
        album: "ANIMAL",

```

```

description: "Manan Bharadwaj, Bhupinder Babbal",
duration: "03:02",
fullName: "Arjan Vailly (From \"ANIMAL\")",
name: "Arjan Vailly",
src: "https://i.scdn.co/image/ab67616d0000b2735f3ede47954a93aa03efe5f9"
},
{
album: "Shershaah",
description: "B Praak, Jasleen Royal",
duration: "03:48",
fullName: "Ranjha (From \"Shershaah\")",
name: "Ranjha",
src: "https://i.scdn.co/image/ab67616d00001e0209426d9ae9d8d981735ebc5e"
},
{
album: "Shershaah",
description: "Tanishq Bagchi, Jubin Nautiyal",
duration: "03:50",
fullName: "Ratan Lambiyan (From \"Shershaah\")",
name: "Ratan Lambiyan",
src: "https://i.scdn.co/image/ab67616d0000b273a75c2f26913099a420050f01"
},
{
album: "Manjha",
description: "Vishal Mishra",
duration: "03:11",
fullName: "Manjha",
name: "Manjha",
src: "https://i.scdn.co/image/ab67616d00001e02dea88e870d30a4da51065bf5"
},
{
album: "Honey 3.0",
description: "Yo Yo Honey Singh",
duration: "03:17",
fullName: "Vigdiyan Heraan (From Honey 3.0)",
name: "Vigdiyan Heraan",
src: "https://i.scdn.co/image/ab67616d00001e0253838c41f300a38bef3b05e9"
},
{
album: "Once Upon A Time In Mumbaai Dobra",
description: "Pritam, Javed Bashir",
duration: "05:14",
fullName: "Ye Tune Kya Kiya",
name: "Ye Tune Kya Kiya",
src: "https://i.scdn.co/image/ab67616d00001e02fe77bd21eb38ff74b5f21524"
},
{
album: "Murder 2",
description: "Md.Irfan, Arijit Singh, Saim Bhat",
duration: "05:30",
fullName: "Phir Mohobbat (From \"Murder 2\")",
name: "Phir Mohobbat",
src: "https://i.scdn.co/image/ab67616d00001e022432edc97b465e6db54d356b"
},

```

{
album: "Hothon Se Chu Lo Tum",
description: "Jagjit Singh",
duration: "04:57",
fullName: "Hothon Se Chu Lo Tum",
name: "Hothon Se Chu Lo Tum",
src: "https://i.scdn.co/image/ab67616d0000b273b5eba194cd2f743be9a0f87b"
},

{
album: "No Mercy",
description: "Deep Kalsi, Raftaar, KR\$NA, KARMA",
duration: "03:38",
fullName: "No Mercy",
name: "No Mercy",
src: "https://i.scdn.co/image/ab67616d0000b27300221eaa504574172c617504"
},

{
album: "Blowing Up",
description: "KR\$NA",
duration: "04:07",
fullName: "Blowing Up",
name: "Blowing Up",
src: "https://i.scdn.co/image/ab67616d0000b273f8c35169d5bab01327f87e5a"
},

{
album: "Prarthna",
description: "KR\$NA",
duration: "03:25",
fullName: "Prarthna",
name: "Prarthna",
src: "https://i.scdn.co/image/ab67616d0000b273843596e5677ecc71fee1c340"
},

{
album: "Athma Rama",
description: "Agam Aggrawal",
duration: "05:24",
fullName: "Athma Rama",
name: "Athma Rama",
src:

"https://lh3.googleusercontent.com/PvuDzAO7HEl3SzakzJhb0fmWGAMuJmNQ_t_BVeKoS9Kivin_io0qSt1SrxS8iGE7y66wA49zGH5n0twWg"
},

{
album: "BEN 10-Theme Song",
description: "Sunidhi Chauhan",
duration: "01:01",
fullName: "BEN 10-Theme Song",
name: "BEN 10-Theme Song",
src: "https://i.scdn.co/image/ab67656300005f1f4de6e598c36e4476af554a64"
},

{
album: "Dabangg",
description: "Wajid, Master Saleem, Shabab Sabri",
duration: "05:15",

```

    fullName: "Humka Peeni Hai (From \"Dabangg\")",
    name: "Humka Peeni Hai",
src: "https://i.scdn.co/image/ab67616d00001e026e28d74c8eddc32542ce8924"
    },
    {
        album: "The Local Train",
        description: "The Local Train",
        duration: "05:13",
        fullName: "Aaoge Tum Kabhi",
        name: "Aaoge Tum Kabhi",
src: "https://i.scdn.co/image/ab67616d0000b2738e001d2d4b55039b545d047e"
    },
    {
        album: "Jannat 2",
        description: "Pritam, KK",
        duration: "05:13",
        fullName: "Tujhe Sochta Hoon (From \"Jannat 2\")",
        name: "Tujhe Sochta Hoon",
src: "https://i.scdn.co/image/ab67616d00001e0271da5e89467bd75d2ed9f1fa"
    },
    {
        album: "Coke Studio",
        description: "Amit Triwedi, Mame Khan",
        duration: "07:00",
        fullName: "Chaudhary",
        name: "Chaudhary",
src: "https://i.scdn.co/image/ab67616d00001e0227c59173f1d904947229613f"
    },
    {
        album: "Tere Nainon Mein",
        description: "The Bilz & Kashif",
        duration: "04:04",
        fullName: "Tere Nainon Mein",
        name: "Tere Nainon Mein",
src: "https://i.scdn.co/image/ab67616d00001e02200b79ddaca34de0acf74946"
    },
    {
        album: "Sultan",
        description: "Vishal-Shekhar, Papon, Irshad Kamil",
        duration: "05:57",
        fullName: "Bulleya From(\"Sultan\")",
        name: "Bulleya",
src: "https://i.scdn.co/image/ab67616d00001e02b2abfd2439b6c23c3664df87"
    },
    {
        album: "Woh Baarishein",
        description: "Arjun Kanungo",
        duration: "03:52",
        fullName: "Woh Baarishein",
        name: "Woh Baarishein",
src: "https://i.scdn.co/image/ab67616d00001e02aa94e9741ecf418b89d5c339"
    },
    {
        name: "Jug Jug Jeeve",

```

```

        album: "Shiddat",
        description: "Manan Bharadwaj",
        duration: "04:24",
        fullName: "Jug Jug Jeeve from \"Shiddat\"",
        src: "https://i.scdn.co/image/ab67616d00001e02e4c77dc1b6c85c754f7f136c"
    },
    {
        name: "Tere Mast Mast Do Nain",
        album: "Dabangg",
        description: "Rahat Fateh Ali Khan, Shreya Ghoshal",
        duration: "05:58",
        fullName: "Tere Mast Mast Do Nain from \"Dabangg\"",
        src: "https://i.scdn.co/image/ab67616d00001e026e28d74c8eddc32542ce8924"
    },
    {
        name: "Traa Praa",
        album: "Praa",
        description: "Raftaar, Prabh Deep",
        duration: "03:11",
        fullName: "Traa Praa (From \"Praa\")",
        src: "https://i.scdn.co/image/ab67616d00001e0291eaa29b4a6d906062159dca"
    },
    {
        name: "Zindagi Ek Safar",
        album: "Andaz",
        description: "Kishore Kumar",
        duration: "03:30",
        fullName: "Zindagi Ek Safar from \"Andaz\"",
        src: "https://i.scdn.co/image/ab67616d00001e02d5839b701ba214a45a28a2f7"
    },
    {
        name: "Charka",
        album: "Charka",
        description: "Wadali Brothers",
        duration: "05:43",
        fullName: "Charkha from \"Charka\"",
        src: "https://i.scdn.co/image/ab67616d00001e02c37fad084d7a29488a44a92c"
    },
    {
        name: "Wishlist",
        album: "Wishlist",
        description: "Dino James",
        duration: "04:08",
        fullName: "Wishlist from \"Wishlist\"",
        src: "https://i.scdn.co/image/ab67616d00001e02e98e528e204c9ce06547fbfb"
    },
    {
        name: "Akhiyan Udeek Diyan",
        album: "Shiddat",
        description: "Master Saleem",
        duration: "04:33",
        fullName: "Akhiyan Udeek Diyan from \"Shiddat\"",
        src: "https://i.scdn.co/image/ab67616d00001e02e4c77dc1b6c85c754f7f136c"
    },

```

```

        {
            "name": "ISHQ",
            "album": "Lost;Found",
            "description": "Faheem Abdullah, Rauhan Malik, Amir Ameer",
            "duration": "03:45",
            "fullName": "ISHQ from \"Lost;Found\"",
            "src": "https://i.scdn.co/image/ab67616d0000b2739e3495a35db3c1e374ce09b5"
        },
        {
            "name": "WAKE ME UP",
            "album": "Wake Me Up",
            "description": "aleemrk, Jokhay",
            "duration": "04:07",
            "fullName": "WAKE ME UP from \"Wake Me Up\"",
            "src": "https://i.scdn.co/image/ab67616d0000b273d7bf0bf26378891c79862cc1"
        },
        {
            "name": "PROVE THEM WRONG",
            "album": "Prove Them Wrong",
            "description": "Abhi Kesla, M-ZEE BELLA",
            "duration": "03:55",
            "fullName": "PROVE THEM WRONG from \"Prove Them Wrong\"",
            "src": "https://i.scdn.co/image/ab67616d0000b273bbe944d012720fc2d661c1d9"
        },
        {
            "name": "Humble poet",
            "album": "Humble Poet",
            "description": "M-ZEE BELLA",
            "duration": "03:50",
            "fullName": "humble poet from \"Humble Poet\"",
            "src": "https://i.scdn.co/image/ab67616d0000b2736d1bfd60d4bea3dedf520e2b"
        },
        {
            "name": "52 bar",
            "album": "52 bar",
            "description": "karan aujila, ikky",
            "duration": "04:02",
            "fullName": "52 bar from \"Four You\"",
            "src": "https://i.scdn.co/image/ab67616d00001e02d036158f4b83af10de8d2443"
        },
        {
            "name": "Chaar log",
            "album": "Charr log",
            "description": "HYKE",
            "duration": "03:58",
            "fullName": "chaar log from \"HYKE\"",
            "src": "https://i.scdn.co/image/ab67616d0000b273167a9bd80d17c88a76187bde"
        },
        {
            "name": "Afsanay",
            "album": "Afsanay",
            "description": "Young Stunners, Talha Anjum, Talha Yunus",
            "duration": "05:43",
            "fullName": "Afsanay from \"Young Stunners\"",

```



```
"src": "https://i.scdn.co/image/ab67616d00001e028cf8d45d1fe3659185028e38"
    }
];
```

```
let profilePictureUrls = [
    "https://i.scdn.co/image/ab6761610000e5eb0261696c5df3be99da6ed3f3",
    "https://i.scdn.co/image/ab67616100005174dde15c94829b30ce8ef25a92",
    "https://i.scdn.co/image/ab6761610000e5ebfc7c542c04b5f7dc8f1b1c16",
    "https://i.scdn.co/image/ab67616100005174e4bae1cd1803402a906b61ba",
    "https://a10.gaanacdn.com/gn_img/artists/0wrb4N3Lg7/wrb48eZlBL/size_m_1568900169.jpg",
    "https://i.scdn.co/image/ab67616100005174cb6926f44f620555ba444fca",
    "https://i.scdn.co/image/ab6761610000e5eb9ead3cc9a2db015a9871ecdd",
    "https://i.scdn.co/image/ab6761610000e5eb02830cbc62bd287f707e0fae",
    "https://i.scdn.co/image/ab6761610000e5ebdebeea13700496b7d2b345d9",
    "https://i.scdn.co/image/ab6761610000e5eb2bda814984dd1cccfa7a5c09",
    "https://i.scdn.co/image/ab6761610000e5e2c802a9e82f379022f38c2",
    "https://i.scdn.co/image/ab6761610000e5ebfeddadb0bf7e46794f1aad01",
    "https://i.scdn.co/image/ab67616100005174187491994c7bb4d30d7c8e6e",
    "https://i.scdn.co/image/ab6761610000e5ebec20e1f55b66ea9138ff8e91",
    "https://i.scdn.co/image/ab6761610000f178474e22bd75615c1a0b3a8530",
    "https://i.scdn.co/image/ab6761610000e5ebb09a31f853166e721d4d46b2",
    "https://i.scdn.co/image/ab67616d00001e022a038d3bf875d23e4aeaa84e",
    "https://i.scdn.co/image/ab6761610000e5eb5be3f26e0c3aa322637a975f",
    "https://i.scdn.co/image/ab6761610000e5eb393666951ab8b14e9c4ed386",
    "https://i.scdn.co/image/ab6761610000e5eb8ae7f2aaa9817a704a87ea36",
    "https://i.scdn.co/image/ab67616100005174694f35fb14a1a3a7b5b13f13",
    "https://i.scdn.co/image/ab6761610000e5eb2ff3b81c16a59f19b0f6e2d2",
    "https://i.scdn.co/image/ab6761610000e5ebc11a065d1a5722ac80c2fd8b",
    "https://i.scdn.co/image/ab6761610000e5eb102c7080e73fb9223df047e2",
    "https://i.scdn.co/image/ab676161000051741085c393173d6a0826610e98",
    "https://i.scdn.co/image/ab6761610000e5eb654603f76991dc1275e67d39",
    "https://i.scdn.co/image/ab6761610000e5eb6fd9a57911c47be245fe4dcc",
    "https://i.scdn.co/image/ab6761610000e5ebc58e9665446297c3be1a0ae0",
    "https://i.scdn.co/image/ab6761610000e5eb6220fc5e958ab498b96f5835",
    "https://i.scdn.co/image/ab6761610000e5eb29cf7f1a56f5ff1911f6a0ef",
    "https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRcfRTJlBY-eN-2Pk8lhZtEYDnbNoS6oWLT0UKPqbfQTfbGmIj0",
    "https://i.scdn.co/image/ab6761610000e5ebb074074cf866ba3b3ebc09a6",
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    "https://i.scdn.co/image/ab6761610000f1785e3d2b5842f55aa7f6f1c506",
    "https://i.scdn.co/image/ab6761610000e5eb1eabab66e670e65bf1acc422",
    "https://i.scdn.co/image/ab6761610000e5eb21a9a4198a25ad25ff3c45ff",
    "https://static.theprint.in/wp-content/uploads/2020/06/wajid-khan-1.jpg",
    "https://i.scdn.co/image/ab67616d0000b273cebf2f2ddcd8f29962258bf9",
    "https://i.scdn.co/image/ab6761610000e5eb7abb8a1183f6ff5a92218fc3",
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    "https://i.scdn.co/image/ab6761610000e5eb90b6c3d093f9b02aad628eaf",
    "https://i.scdn.co/image/ab6761610000e5eb0dd274246ecf6019bfac1aef",
    "https://i.scdn.co/image/ab6761610000e5eb47b943824370b9eb2fb9607f",

```

```

    "https://i.scdn.co/image/ab676161000051749b3f033df7aee564e1e8b95b",
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    "https://i.scdn.co/image/ab6761610000e5ebb766c003524f517d7e482ce3",
    "https://i.scdn.co/image/ab6761610000e5ebc9ac92d87de28795c1c49730",
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    "https://i.scdn.co/image/ab6761610000f178c52ca40e86390b9091f5a618",
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    "https://i.scdn.co/image/ab676161000051742dda02f35e185dbfdd97f331",
    "https://i.scdn.co/image/ab67616d00001e029e3495a35db3c1e374ce09b5",
    "https://i2o.scdn.co/image/ab67706c0000cfa35bdc042238fb806e5f9452aa",
    "https://i.scdn.co/image/ab6761610000e5ebefd8edc35ed9ae05b22fa625",
    "https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcRcfi7oHEZt65RIA V4tROiRZjFyCNMgvmwCdw&s",
    "https://i.scdn.co/image/ab6761610000e5eb1cca42a20f3aa647cfd8939",
    "https://image-cdn-ak.spotifycdn.com/image/ab67706c0000da846822c3d67b53c0627fb88fc3",
    "https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSE-
ekTqQKpIGy1J6VpgeODZYY4wxmTZaMP1A&s",
    "https://i.scdn.co/image/ab6761610000e5eb0120084c7389b888adfe77",
    "https://i.scdn.co/image/ab676161000051744cadf1146501aaaf5d416018",
    "https://i.scdn.co/image/ab6761610000517456dbabf4922bb49ee790c3b1",
    "https://i.scdn.co/image/ab6761610000517412ee42a62a8a38517a81a691"
];

```

```

const songCardInnerHtml=`
    <div class="songCard">
        <span id="cardplayicon" class="material-symbols-outlined">
            play_arrow </span>
            <img src=""
                class="cardImage" />
            <p class="songName"></p>
<div style="margin: 0;overflow: hidden;width:40vw;height:6vw;background-color:transparent;">
                <p class="songDescription">

                    </p>
                </div>
            </div>;
//-----

```

```

const artistCardhtml=`
<img src="" class="playlist-thumb" />
    <div class="textforartist">
        <p class="artistname"></p>
        <p class="thumbnaillabel">Artist</p>
    </div>
`

```

```
// let strArr1=["sita","gita","ram"];
// let strArr2=["raghav","ram","aman"];
```

```
    // strArr2.forEach((el)=>{
    //   if(strArr1.includes(el)){
    //     return
    //   }
    //   else {
    //     strArr1[strArr1.length]=el
    //   }
    // })
```

```
let currentWidth = window.innerWidth;
```

```
if (currentWidth <= widthForMobileCardsCluttering) {
    openedInMobile=true;
}
```

```
    if(localStorage.getItem("device")){
        userDevice=localStorage.getItem("device");
    }
    else {
```

```
if(window.innerWidth>widthForMobileCardsCluttering){
    localStorage.setItem("device","pc");
    userDevice=localStorage.getItem("device");
```

```
    }
else if(window.innerWidth<=widthForMobileCardsCluttering){
    localStorage.setItem("device","mob");
    userDevice=localStorage.getItem("device");

    }
}
```

```
let pbar = document.querySelectorAll(".progressBarFill");
```

```

    let playBtn = document.querySelectorAll("#controlicon-play");
    let prevBtn = document.querySelectorAll("#controlicon-prev");
    let nextBtn = document.querySelectorAll("#controlicon-next");
    const shuffleBtn = document.querySelector("#controlicon-shuffle");
    let loopBtn = document.querySelectorAll("#controlicon-loop");
    let durationDisplay = document.querySelectorAll("#totalDuration");
    let crrDisplay = document.querySelectorAll("#currentTime");
    let pbarTargetArea = document.querySelector(".pbarTargetArea");
    const vbarTargetArea = document.querySelector(".vbarTargetArea");
    const vbar = document.querySelector(".volumeBarFill");
    const volumeBtn = document.querySelector("#sideControls-sound");
    let crrSongThumb = document
        .querySelector(".musicBar")
        .querySelector(".main-window-playlist-thumb");
    const crrSongName = document.querySelector(".currentMusic-Player");
    let songCards;
    const nowPlayingWindow = document.querySelector(".nowPlayingVeiw");
    const nowPlayingImage = document.querySelector(".nowPlayingMainImg");
    const nowPlayingSongName = document.querySelector(".nowPlayingSongName");
    const nowPlayingSongArtist = document.querySelector(".nowPlayingSongArtist");
    const inQueueSongsCont = document.querySelector(".inQueueSongs");
    const nowPlayingVeiwBtn = document.querySelector("#sideControls-veiw");
    let wrapperForMusicBar = document.querySelector(".wrapperForMusicBar");

```

```

    const initialWindowWidth = window.innerWidth;
    const initialWindowHeight = window.innerHeight;
    let resizedStyling;
    let isResized = false;
    let musicBarBg;
    let initialClutter=false;

```

```

    let isPlaying = false;
    let crrSong = 0;
    let songDuration;
    let crrDuration;
    let volumeValue;
    let testDiv;
    let vw;
    let isDragging = false;
    let isVDragging = false;
    let isLooping = false;
    let prevSong = 0;
    let nowPlayingOpened = false;

```

```

    let isConstructed = false;
    let isMusicBarOpened = false;

```

```

    function updatePbar() {
        pbar.forEach((bar) => {
            bar.style.width = `${(crrDuration / songDuration) * 100}%`;
            if (isMusicBarOpened) {
                if (bar.clientWidth < vw * 4) {
                    bar.style.justifyContent = "flex-start";
                } else if (bar.clientWidth >= vw * 4) {

```

```

        bar.style.justifyContent = "flex-end";
    }
}

    if (!isMusicBarOpened) {
        if (bar.clientWidth < vw * 0.9) {
            bar.style.justifyContent = "flex-start";
        } else if (bar.clientWidth >= vw * 0.9) {
            bar.style.justifyContent = "flex-end";
        }
    }
});
}

    function setDuration(evt) {
let pbarTargetAreaWidth = evt.target.getBoundingClientRect().width;
    let clikedPosition = evt.offsetX;
        let pbarWidth = `${
            Math.floor((clikedPosition / pbarTargetAreaWidth) * 100) + 2
        }`;

        Audio.currentTime = (parseInt(pbarWidth) * songDuration) / 100;
        updatePbar();
    }

    function startDragging() {
        pbarTargetArea.forEach((bar) => {
            bar.addEventListener("mousemove", (evt) => {
                // evt.preventDefault();
                if (isDragging == true) {
                    setDuration(evt);
                }
            });
        });
    }

    function startVDragging() {
vbarTargetArea.addEventListener("mousemove", (evt) => {
        // evt.preventDefault();
        if (isVDragging == true) {
            setVolume(evt);
        }
    });
    }

    function setVolume(evt) {
        let vbarTargetAreaWidth = Math.floor(
            vbarTargetArea.getBoundingClientRect().width
        );
        updateVbar(evt, vbarTargetAreaWidth);
        volumeValue = Audio.volume;
    }

    function volumeIconUpdate() {
        if (Audio.volume == 0.0) {

```

```

volumeBtn.setAttribute("class", "fa-solid fa-volume-xmark");
    volumeBtn.innerText = "";
    } else if (Audio.volume >= 0.5) {
volumeBtn.setAttribute("class", "fa-solid fa-volume-high");
    volumeBtn.innerText = "";
    } else if (Audio.volume < 0.5) {
volumeBtn.setAttribute("class", "fa-solid fa-volume-low");
    volumeBtn.innerText = "";
    }
    }

    function crrSongDetailsUpdate() {
        if (!openedInMobile) {
            crrSongThumb.src = songDetails[crrSong].src;
            crrSongName.textContent = songDetails[crrSong].name;
            let crrSongArtists = document.createElement("p");
            crrSongArtists.innerText = songDetails[crrSong].description;
            crrSongName.append(crrSongArtists);
        } else if (openedInMobile) {
//<--clearence of the elements created in previous execution-->
            while (crrSongName.firstChild) {
                crrSongName.removeChild(crrSongName.firstChild);
            }

            crrSongThumb.src = songDetails[crrSong].src;
            //<--creation of elements for current execution-->
            //<--creating songName elements for current execution-->

            let wrapperForName = document.createElement("div");
            let namePTag = document.createElement("p");
            crrSongName.prepend(wrapperForName);
            wrapperForName.append(namePTag);

            //<--setting id songName elements for current execution-->
            namePTag.setAttribute("id", "crrSongNameInPTag");

            //<--filling songName elements for current execution-->
            namePTag.textContent = songDetails[crrSong].fullName;

            //<--creating artistName elements for current execution-->
            let wrapper = document.createElement("div");
            let crrSongArtists = document.createElement("p");
            crrSongArtists.setAttribute("id", "crrSongArtistInPTag");

            //<--filling songName elements for current execution-->

            crrSongArtists.innerText = songDetails[crrSong].description;
            crrSongName.append(wrapper);
            wrapper.append(crrSongArtists);

crrSongArtists = document.querySelectorAll("#crrSongArtistInPTag");
namePTag = document.querySelectorAll("#crrSongNameInPTag");

            crrSongArtists.forEach((elem) => {

```

```

        elem.innerText = songDetails[currSong].description;
        if (elem.scrollWidth > elem.clientWidth) {
            elem.style.animation = "scroll linear 5s infinite forwards";
        } else if (elem.scrollWidth == elem.clientWidth) {
            elem.style.animation = "scrollNo linear 8s infinite forwards";
        }
    });
    namePtag.forEach((elem) => {
        elem.textContent = songDetails[currSong].fullName;
        if (elem.scrollWidth > elem.clientWidth) {
            elem.style.animation = "scroll 5s linear 5s infinite forwards";
        } else if (elem.scrollWidth == elem.clientWidth) {
            elem.style.animation = "scrollNo linear 5s infinite forwards";
        }
    });

    if (isMusicBarOpened) {
        document.querySelector(".headerForPlayer").querySelector("p").innerText =
            songDetails[currSong].fullName;
        let playerCurrSongThumb = document
            .querySelector(".fullScreenPlayer")
            .querySelector(".main-window-playlist-thumb");
        playerCurrSongThumb.src = songDetails[currSong].src;
        // document.querySelector(".fullScreenPlayer").querySelector("#currSongNameInPtag").parentElement.setAttribute("class", null);
        document
            .querySelector(".fullScreenPlayer")
            .querySelector("#currSongNameInPtag")
            .addEventListener("animationiteration", (evt) => {
                evt.target.parentElement.setAttribute("class", null);
            });
        document
            .querySelector(".fullScreenPlayer")
            .querySelector("#currSongNameInPtag")
            .addEventListener("animationstart", (evt) => {
                evt.target.parentElement.setAttribute("class", "coverafter");
            });
        let wrapperForNameinthis = document
            .querySelector(".fullScreenPlayer")
            .querySelector(".currentMusic-Player").firstChild;
        if (
            wrapperForNameinthis.firstChild.scrollWidth >
            wrapperForNameinthis.firstChild.clientWidth
        ) {
            wrapperForNameinthis.setAttribute("id", "cover");
        } else {
            wrapperForNameinthis.setAttribute("id", null);
        }
    }
}

function cardBtnUpdate() {

```

```

songCards[prevSong].querySelector("#cardplayicon").innerText = "play_arrow";
songCards[crrSong].querySelector("#cardplayicon").innerText = "pause";
clutterCards();
}

```

```

function songsInQueueClutter() {
let firstSongInQueue = document.querySelector(".inQueueSong1");
for (let i = 0; i < songDetails.length - 1; i++) {
let newSong = firstSongInQueue.cloneNode(true);
inQueueSongsCont.append(newSong);
}
let nodelistOfSongs = document.querySelectorAll(".inQueueSong1");
nodelistOfSongs.forEach((node, idx) => {
node.querySelector("img").src = songDetails[idx].src;
node.querySelector(".queueSongName").innerText = songDetails[idx].fullName;
node.querySelector(".queueSongArtist").innerText =
songDetails[idx].description;
});
}

```

```

function updateNowPlayingWindow() {
nowPlayingImage.src = songDetails[crrSong].src;
nowPlayingSongName.innerText = songDetails[crrSong].fullName;
nowPlayingSongArtist.innerText = songDetails[crrSong].description;
nowPlayingSongs[prevSong].querySelector(".bars").style.display = "none";
nowPlayingSongs[prevSong].querySelector("span").style.display = "initial";
nowPlayingSongs[crrSong].querySelector("span").style.display = "none";
nowPlayingSongs[crrSong].querySelector(".bars").style.display = "flex";
let animationBars = nowPlayingSongs[crrSong].querySelectorAll(".bars__item");
if (isPlaying == true)
animationBars.forEach((eachBar) => {
eachBar.style.animationName = "play";
});
else if (isPlaying == false)
animationBars.forEach((eachBar) => {
eachBar.style.animationName = "none";
});
if (crrSong === 0)
nowPlayingSongs.forEach((song) => {
song.style.opacity = "1";
});
nowPlayingSongs[prevSong].style.opacity = "0.5";
nowPlayingSongs[crrSong].style.opacity = "0.7";
if (prevSong === playlist.length - 1)
nowPlayingSongs[prevSong].style.opacity = "1";
localStorage.setItem("crrSong",crrSong);
}

```

```

function updateMeta() {
navigator.mediaSession.metadata = new MediaMetadata({
title: `${songDetails[crrSong].fullName}`,
artist: `${songDetails[crrSong].description}`,
artwork: [
{

```



```

        src: `${songDetails[currSong].src}`,
        sizes: "600x600",
        type: "image/jpeg",
    },
],
});
}

function updateAnimation() {
let descriptions = document.querySelectorAll(".songDescription");
    descriptions.forEach((description) => {
        if (description.scrollWidth > description.clientWidth) {
            description.style.animation = "scroll linear 8s infinite forwards";
            description.parentElement.classList.add("songDescriptionContbefore");
        }
    });
}

10
function clutterCards() {
let currentWidth = window.innerWidth;

    if (currentWidth <= widthForMobileCardsCluttering) {
        Audio.volume = 1;
        let descriptions = document.querySelectorAll(".songDescription");
        descriptions.forEach((description, idx) => {
            description.innerText = songDetails[idx].description;
description.parentElement.parentElement.querySelector(".songName").innerText=songDetails[idx].name;
            document.documentElement.style.setProperty("--display", "none")
            description.parentElement.classList.add("songDescriptionCont");
        });
        let playApeended = document.querySelector("#controlicon-play");

        if (!isMusicBarOpened) {
            document.querySelector(".currentSong").append(playApeended);
            playApeended.setAttribute("class", "material-symbols-rounded");
        }

        openedInMobile = true;
        musicBarWrapperConstruct(isConstructed);
        isConstructed = true;
        searchBtn.classList.add("buttonclicked");
        // searchBoxOpen=true;
        if (!isMusicBarOpened) {
            if (!isPlaying) {
                playApeended.innerText = "play_arrow";
            } else if (isPlaying) {
                playApeended.innerText = "pause";
            }
        }

        updateAnimation();
    }
}

```

```

else if (currentWidth > widthForMobileCardsCluttering) {
    if(initialClutter){
        return;
    }
let descriptions = document.querySelectorAll(".songDescription");
let newParents = document.querySelectorAll(".songCard");
descriptions.forEach((description, idx) => {
    let oldParent = description.parentElement;
    let newParent = newParents[idx];
    openedInMobile = false;
    let wrapper = document.createElement("div");
    wrapper.appendChild(description);
document.documentElement.style.setProperty("--display", "initial")
    wrapper.setAttribute("class", "songDescriptionCont");
    newParent.append(wrapper);
    oldParent.style.display = "none";
description.innerText = ``${songDetails[idx].album}``\n${songDetails[idx].description}`;
let songName=description.parentElement.parentElement.querySelector(".songName");
    let wrapperForName = document.createElement("div");
    wrapperForName.append(songName);
    songName.innerText = songDetails[idx].name;
description.parentElement.parentElement.append(wrapperForName,wrapper);
    wrapperForName.style.overflow="hidden";
    wrapperForName.style.position="relative";
    wrapperForName.style.height="2.8vw";
    wrapperForName.style.width="9vw";
    wrapper.append(description);
    if(songName.scrollWidth>songName.clientWidth){
        songName.style.animation="scroll linear 8s infinite forwards";
        wrapperForName.setAttribute("class","coverafter");
    }

    if(wrapper.scrollHeight>wrapper.clientHeight){
description.style.animation="scrollInv linear 8s infinite forwards";
    }

});
initialClutter=true;
}
}

```

```

function musicBarWrapperConstruct(isConstructed) {
    if (!isConstructed) {
let wrapperForHeader = document.createElement("div");
        let hamburger = document.createElement("span");
let loader = document.querySelector(".loadingMainWindow");
        let charts = document.getElementById("charts");
let wrapperForMusicBar = document.createElement("div");
        let logo= document.querySelector(".logo");
        let wrapperForLogo = document.createElement("div");
        let crossIconForSidebar = document.createElement("span");
let sideBarUpper = document.querySelector(".sidebaruppersection");
crossIconForSidebar.setAttribute("class", "material-symbols-rounded");

```

```

crossIconForSidebar.setAttribute("id","sideBarCrossIcon");
crossIconForSidebar.innerText="close";
wrapperForLogo.setAttribute("class","wrapperForLogo");
wrapperForLogo.append(logo);
wrapperForLogo.append(crossIconForSidebar);
sideBarUpper.prepend(wrapperForLogo);
document
    .querySelector(".maincontainer")
    .insertBefore(
        wrapperForMusicBar,
        document.querySelector(".nowPlayingVeiw")
    );
hamburger.classList.add("material-symbols-rounded");
hamburger.setAttribute("id","hamburger");
hamburger.addEventListener("click",()=>{sideBarForMobile(crossIconForSidebar)});

    hamburger.innerText="menu";
    wrapperForHeader.append(charts);
    wrapperForHeader.append(hamburger);

document.querySelector(".mainwindow").prepend(wrapperForHeader);
document.querySelector(".mainwindow").prepend(loader);
wrapperForHeader.setAttribute("class","wrapperForHeader");
wrapperForMusicBar.setAttribute("class","wrapperForMusicBar");
wrapperForMusicBar.append(document.querySelector(".musicBar"));

    }
    }

function applyFullScreenPlayerStyling() {
document.querySelector(".currentSong").addEventListener("click", (evt) => {
    if (evt.target.getAttribute("id") !== "controlicon-play") {
        if (!isMusicBarOpened) {
            if (openedInMobile) {
                let styling = document.createElement("style");
                styling.innerText = musicPlayerOpenedStyling;
                document.querySelector("head").append(styling);
                openedInMobile = true;
                let playIcon = document.querySelector("#controlicon-play");
                if (isPlaying) {
                    playIcon.innerText = "pause_circle";
                } else if (!isPlaying) {
                    playIcon.innerText = "play_circle";
                }
                playIcon.classList.add("material-symbols-outlined");
                playIcon.classList.remove("material-symbols-rounded");
                isMusicBarOpened = true;
                fullScreenPlayer();
                crrSongDetailsUpdate();
            }
        }
    }
});

document.querySelector("#trigger").addEventListener("click", () => {
    document
        .querySelector("body")
        .append(document.querySelector(".headerForPlayer"));
});

```

```

        if (isPlaying) {
            playIcon.innerText = "pause";
        } else if (!isPlaying) {
            playIcon.innerText = "play_arrow";
        }
        playIcon.classList.remove("material-symbols-outlined");
        playIcon.classList.add("material-symbols-rounded");
        try {
            document.querySelector(".fullScreenPlayer").remove();
        } catch (error) {}
        isMusicBarOpened = false;
        playBtn = document.querySelectorAll("#controlicon-play");
        prevBtn = document.querySelectorAll("#controlicon-prev");
        nextBtn = document.querySelectorAll("#controlicon-next");
        loopBtn = document.querySelectorAll("#controlicon-loop");
        pbarTargetArea = document.querySelectorAll(".pbarTargetArea");
        pbar = document.querySelectorAll(".progressBarFill");
        durationDisplay = document.querySelectorAll("#totalDuration");
        crrDisplay = document.querySelectorAll("#currentTime");

        document.querySelector("head").lastChild.remove();
    });
}
}
});
}

function fullScreenPlayer() {
    let fullScreenPlayer = document.querySelector(".musicBar").cloneNode(true);
    fullScreenPlayer.querySelector("#loadingMusicBar").remove();
    document.querySelector(".wrapperForMusicBar").prepend(fullScreenPlayer);

    let likeAndCrrSongContainer = document.createElement("div");
    let playIcon = fullScreenPlayer.querySelector("#controlicon-play");
    let likeIcon = fullScreenPlayer.querySelector("#likeicon");
    let crrSongMainBox = fullScreenPlayer.querySelector(".currentSong");
    let crrSongContainer = fullScreenPlayer.querySelector(".currentMusic-Player");
    let headerOfPlayer = document.querySelector(".headerForPlayer");
    let currentTime = fullScreenPlayer.querySelector("#currentTime");
    let totalTime = fullScreenPlayer.querySelector("#totalDuration");
    let containerForTimings = document.createElement("div");
    let centerControles = fullScreenPlayer.querySelector(".centerControls");
    let parentOfAllControls = fullScreenPlayer.querySelector(".controls");
    let mainControls = fullScreenPlayer.querySelector(".mainControls");
    let loopBtnInPLayer = mainControls.querySelector("#controlicon-loop");
    let nextBtnInPLayer = mainControls.querySelector("#controlicon-next");
    parentOfAllControls.prepend(centerControles);
    containerForTimings.append(currentTime);
    containerForTimings.append(totalTime);
    centerControles.append(containerForTimings);
    containerForTimings.setAttribute("class", "timingsContainer");

    likeAndCrrSongContainer.setAttribute("class", "likeAndCrrSongContainer");

```

```

    fullScreenPlayer.setAttribute('class', 'fullScreenPlayer');
    likeAndCrrSongContainer.append(crrSongContainer);
    likeAndCrrSongContainer.append(likeIcon);
    crrSongMainBox.append(likeAndCrrSongContainer);

    crrSongMainBox.prepend(headerOfPlayer);
    crrSongMainBox.append(parentOfAllControls);

    mainControls.append(playIcon);
    mainControls.append(nextBtnInPLayer);
    mainControls.append(loopBtnInPLayer);
    isMusicBarOpened = true;
    playBtn = document.querySelectorAll("#controlicon-play");
    prevBtn = document.querySelectorAll("#controlicon-prev");
    nextBtn = document.querySelectorAll("#controlicon-next");
    loopBtn = document.querySelectorAll("#controlicon-loop");
    pbarTargetArea = document.querySelector(".pbarTargetArea");
    pbar = document.querySelector(".progressBarFill");
    durationDisplay = document.querySelector("#totalDuration");
    crrDisplay = document.querySelector("#currentTime");
    document.getElementById("triggerView").addEventListener("click", (evt) => {
    document.querySelector(".wrapperForMusicBar").append(nowPlayingWindow);

        setTimeout(() => {
            nowPlayingWindow.style.transform = "translate(0,0%)";
            }, 0);
            nowPlayingOpened = true;
        });
        loopIconFunction(loopBtn);
        prevIconFunction(prevBtn);
        nextIconFunction(nextBtn);
        pbarFunctionality(pbarTargetArea);
        playIconFunction(playBtn);
        mainPlayIconUpdate(playBtn);
        updateMusicBarBg();
        crrSongDetailsUpdate();
        startTouching();
    }

    songsInQueueClutter();

const nowPlayingSongs = document.querySelectorAll(".inQueueSong1");

    let cardRow;
    mainCardgenerate(cardRow);

    document.addEventListener("DOMContentLoaded", () => {

        localStorage.getItem("crrSong")?crrSong=parseInt(localStorage.getItem("crrSong")):crrSong=0;
        localStorage.getItem("crrDuration")?Audio.currentTime=parseInt(localStorage.getItem("crrDuration"))
            :crrDuration=0;

        Audio.src = playlist[crrSong];
        Audio.volume = 0.1;
    }

```

```

        volumeValue = Audio.volume * 100;
        vbar.style.width = `${volumeValue}%`;
        volumeValue = Audio.volume;
        vwChecker();
        clutterCards();
        crrSongDetailsUpdate();
        updateAnimation();
        updateNowPlayingWindow();
        cardBtnUpdate();
        updateMeta();
document.querySelector(".thumbnaillabel").innerText=`Playlist • ${playlist.length} songs`;
document.getElementById("defaultsongs").addEventListener("click",()=>{
    tabUpdateForSearch();
    if (window.history.state == null || window.history.state.page == "home") {
        history.pushState({ page: "search" }, null, "/search");
        navIconUpdate();
    }
    displayArtistSongs("");
})

});

playIconFunction(playBtn);

Audio.addEventListener("ended", () => {
    prevSong = crrSong;
    crrSong++;
    if (crrSong >= playlist.length) {
        crrSong = 0;
    }
    if (isLooping) {
        crrSong = loopingSong;
    }
    Audio.src = playlist[crrSong];
    Audio.play();
    crrSongDetailsUpdate();
    updateNowPlayingWindow();
    updateMeta();
    cardBtnUpdate();
    updateSearchCard();
});

Audio.addEventListener("loadedmetadata", () => {
    let actualSongDuration = Math.floor(Audio.duration);
    songDuration = actualSongDuration;
    let songDurationInMin = Math.floor(actualSongDuration / 60);
    let songDurationInSec = actualSongDuration % 60;

    if (songDurationInMin < 10) {
        songDurationInMin = `0${songDurationInMin}`;
    }
    if (songDurationInSec < 10) {
        songDurationInSec = `0${songDurationInSec}`;
    }

```

```

        durationDisplay.forEach((display) => {
display.innerText = `${songDurationInMin}:${songDurationInSec}`;
        });
    });

    Audio.addEventListener("timeupdate", () => {
        actualCrrDuration = Math.floor(Audio.currentTime);
        crrDuration = actualCrrDuration;
        actualCrrDurationInMin = Math.floor(actualCrrDuration / 60);
        actualCrrDurationInSec = actualCrrDuration % 60;
        if (actualCrrDurationInMin < 10) {
            actualCrrDurationInMin = `0${actualCrrDurationInMin}`;
        }
        if (actualCrrDurationInSec < 10) {
            actualCrrDurationInSec = `0${actualCrrDurationInSec}`;
        }
        crrDisplay.forEach((display) => {
display.innerText = `${actualCrrDurationInMin}:${actualCrrDurationInSec}`;
        });
        updatePbar();
        localStorage.setItem("crrDuration",Audio.currentTime);
    });

    pbarFunctionality(pbarTargetArea);

    pbarTargetArea.forEach((bar) => {
        bar.addEventListener("mousedown", () => {
            // evt.preventDefault();
            isDragging = true;
            startDragging();
        });
    });

    pbarTargetArea.forEach((bar) => {
        bar.addEventListener("mouseup", () => {
            // evt.preventDefault();
            isDragging = false;
        });
    });

    vbarTargetArea.addEventListener("click", (evt) => {
        setVolume(evt);
    });

    vbarTargetArea.addEventListener("mousedown", () => {
        // evt.preventDefault();
        isVDragging = true;
        startVDragging();
    });

    vbarTargetArea.addEventListener("mouseup", () => {
        // evt.preventDefault();
        isVDragging = false;
    });

```

```

        volumeBtn.addEventListener("click", () => {
            if (Audio.volume !== 0.0) {
                Audio.volume = 0.0;
                vbar.style.width = `${Math.floor(Audio.volume) * 10}%`;
            } else if (Audio.volume === 0.0) {
                if (volumeValue === 0.0) {
                    Audio.volume = 0.1;
                    vbar.style.width = `${Math.floor(Audio.volume) * 10}%`;
                } else {
                    Audio.volume = volumeValue;
                    volumeValue = Audio.volume;
                }
            }
            vbar.style.width = `${Math.floor(volumeValue * 100)}%`;
        });
    Audio.addEventListener("volumechange", () => {
        volumeIconUpdate();
    });

    prevIconFunction(prevBtn);

    nextIconFunction(nextBtn);

    loopIconFunction(loopBtn);

    songCards.forEach((card, idx) => {
        playByCard(card, idx);
    });

    nowPlayingVeiwBtn.addEventListener("click", () => {
        if (!nowPlayingOpened) {
            nowPlayingWindow.style.transform = "translate(0 ,0%)";
            nowPlayingOpened = !nowPlayingOpened;
            nowPlayingVeiwBtn.style.color = "#1ED760";
            nowPlayingVeiwBtn.classList.add("NowPlayingVeiwBtn");
            if (document.querySelector(".tippy-arrow")){
                tooltip.hide();
            }
            let
isSidebarCollapsed=localStorage.getItem("isSidebarCollapsed"?localStorage.getItem("isSidebarCollapse
d"): "false";
            if(isSidebarCollapsed=="false"){
                mainWindow.style.width="50vw";
            }
            else{
                mainWindow.style.width="72vw";
            }
        } else if (nowPlayingOpened) {
            nowPlayingWindow.style.transform = "translate(0 ,100%)";
            console.log("listened");
            nowPlayingOpened = !nowPlayingOpened;
            nowPlayingVeiwBtn.style.color = "#ffffff";
        }
    });

```



```

        nowPlayingVeiwBtn.classList.remove("NowPlayingVeiwBtn");
        let
isSidebarCollapsed=localStorage.getItem("isSidebarCollapsed"?localStorage.getItem("isSidebarCollapse
d"):"false";
        if(isSidebarCollapsed=="false"){
            mainWindow.style.width="75vw";
        }
        else{
            mainWindow.style.width="97vw";
        }
        }
    });

    nowPlayingSongs.forEach((queueSong, idx) => {
        queueSong.addEventListener("click", () => {
            prevSong = crrSong;
            crrSong = idx;
            Audio.src = playlist[crrSong];
            Audio.play();
            isPlaying = true;
            mainPlayIconUpdate(playBtn);
            updateNowPlayingWindow();
            cardBtnUpdate();
            crrSongDetailsUpdate();
            playBtn.innerText = "pause_circle";
            updateMeta();
        });
    });

    document.getElementById("nowPlayingClose").addEventListener("click", () => {
        nowPlayingWindow.style.transform = "translate(0 ,100%)";
        nowPlayingVeiwBtn.style.color = "#ffffff";
        nowPlayingOpened = !nowPlayingOpened;
        nowPlayingVeiwBtn.classList.remove("NowPlayingVeiwBtn");
        if(!openedInMobile){
            let
isSidebarCollapsed=localStorage.getItem("isSidebarCollapsed"?localStorage.getItem("isSidebarCollapse
d"):"false";

            if(isSidebarCollapsed=="false"){
                mainWindow.style.width="73vw";
            }
            else{
                mainWindow.style.width="95vw";
            }
        }
    });

    navigator.mediaSession.setActionHandler("play", function () {
        Audio.play();
        isPlaying = true;
        mainPlayIconUpdate(playBtn);
        updateMeta();
        updateNowPlayingWindow();
        cardBtnUpdate();
    });

```

```

        crrSongDetailsUpdate();
    });

    navigator.mediaSession.setActionHandler("pause", function () {
        Audio.pause();
        isPlaying = false;
        mainPlayIconUpdate(playBtn);
    });

    navigator.mediaSession.setActionHandler("previoustrack", function () {
        prevSong = crrSong;
        crrSong--;
        if (crrSong === -1) crrSong = 0;
        Audio.src = playlist[crrSong];
        Audio.play();
        isPlaying = true;
        mainPlayIconUpdate(playBtn);
        updateMeta();
        updateNowPlayingWindow();
        cardBtnUpdate();
        crrSongDetailsUpdate();
    });

    navigator.mediaSession.setActionHandler("nexttrack", function () {
        prevSong = crrSong;
        crrSong++;
        if (crrSong == playlist.length) crrSong = 0;
        Audio.src = `${playlist[crrSong]}`;
        Audio.play();
        isPlaying = true;
        mainPlayIconUpdate(playBtn);
        updateMeta();
        updateNowPlayingWindow();
        cardBtnUpdate();
        crrSongDetailsUpdate();
    });

    if (!isMusicBarOpened) {
        document.querySelector("#followme").addEventListener("click", () => {
            window.open("https://www.instagram.com/ronakjaat___/");
        });
    }

    applyFullScreenPlayerStyling();

    function sideBarForMobile(cross){
        document.querySelector(".sidebar").style.transform="translate(0,0)";
        cross.style.transform="rotateZ(0deg)";
        cross.addEventListener("click",()=>{
            cross.style.transform="rotateZ(600deg)";
            setTimeout(()=>{cross.style.transform="rotateZ(0deg)"}1000)
        document.querySelector(".sidebar").style.transform="translate(-100%,0)";
    })

```

```

    }

    document.querySelector(".defaultlistings").addEventListener("scroll",(evt)=>{
        if(evt.target.scrollTop>10){
            evt.target.classList.add("displayForBefore");
        }
        else if(evt.target.scrollTop<=10){
            evt.target.classList.remove("displayForBefore");
        }
    })

//<-----setup button to close sidebar and further functionality and styling for mobile-->

    window.addEventListener("resize",()=>{

        if(window.innerWidth>widthForMobileCardsCluttering){
            if(userDevice=="mob"){
                localStorage.setItem("device","pc");

                location.reload();
            }
            else if(userDevice=="pc"){
                return;
            }
        }
        if(window.innerWidth<=widthForMobileCardsCluttering){
            if(userDevice=="pc"){
                localStorage.setItem("device","mob");
                location.reload();
            }
            else if(userDevice=="mob"){
                return;
            }
        }
    })

```

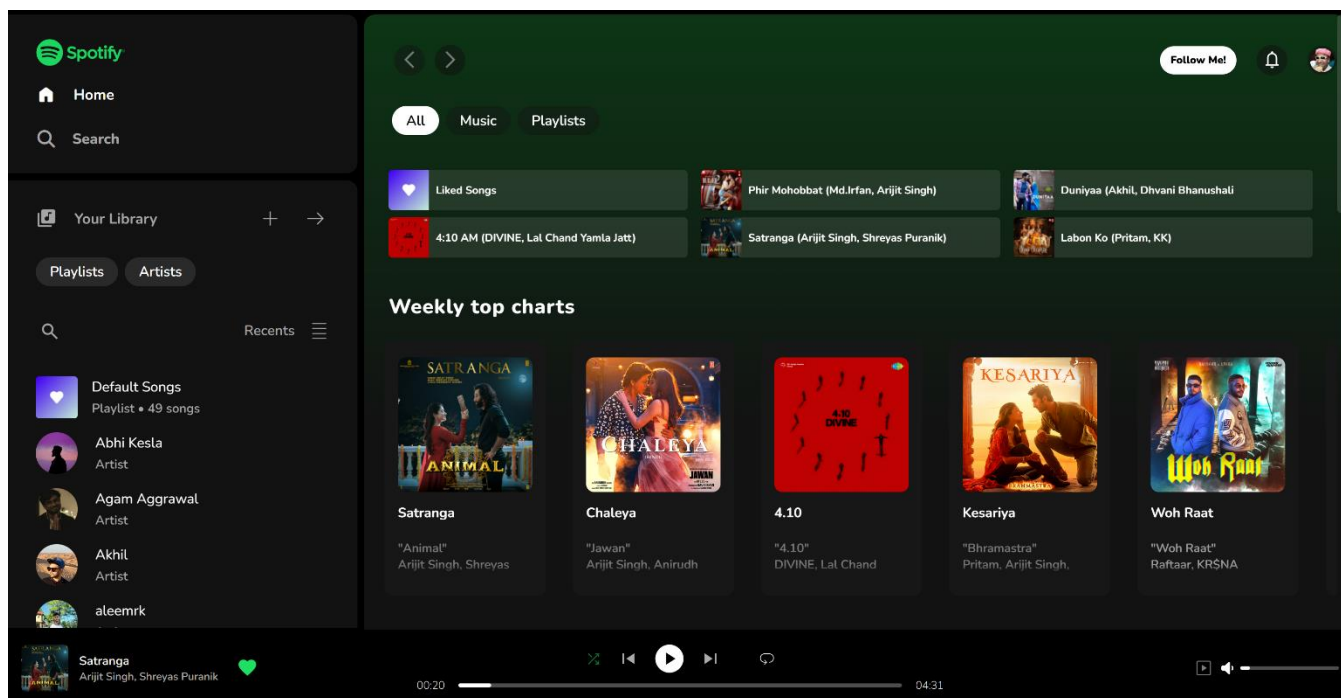


Figure 3.1

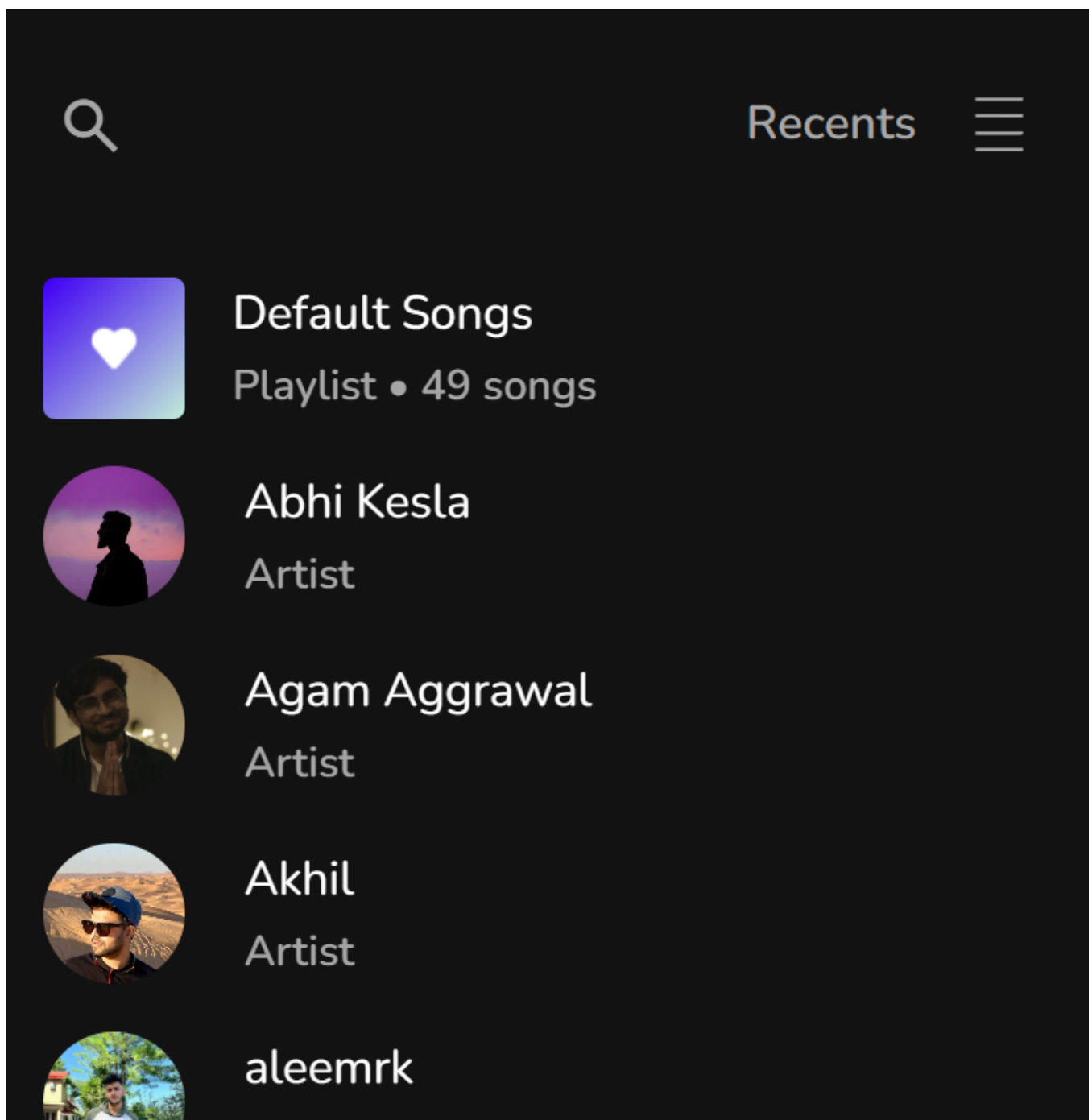


Figure 3.[3](#)