ITL LAB: EXPERIMENT 1

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CLASS: TE IT

BATCH: D

AIM: Design WebPages using HTML, CSS and JavaScript.

PROBLEM STATEMENT: Create a Music Website application which is a virtual showcase for everything related to a music website where user can listen to various types of music. The site has information regarding the latest songs, albums, and artists. It offers the customers, the chance to hear performances of their favorite artists or their most liked songs and make playlists of their own.

MOTIVATION: It is scientifically proven that music enhances brain functioning. Besides, listening to music in an environment with other people also makes sure you don't get distracted by other people's noises. Music streaming industry is popularly revolutionizing, primarily because the music companies are seeking to invest in the music streaming industry across the globe which is a result to acquire profitable revenue. However, the craze over music is a perpetual process where the majority of music listeners are constantly are on music applications to enjoy the rhythm in their headphones just within a matter of clicks. Certainly, the growth of music listeners' auditory is progressively transforming the entire Music Consumer Market. These promising facts are the reasons to build a music streaming and purchasing app.

CODE:
home.html

```html
<!DOCTYPE html>
<html>
<head>
    <title>MUSICANA - Home Page</title>
    <meta charset="utf-8">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swap" rel="stylesheet">
    <link href="https://fonts.googleapis.com/css2?family=Style+Script&display=swap" rel="stylesheet">
    <link rel="stylesheet" href="css/styles.css">
</head>
<body>
    <!-- Sidebar Starts-->
    <div class="sidebar">
        <!-- Sidebar Bottom starts -->
        <div class="sidebar-bottom">
            <!--Sidebar Logo-->
```

```html
            <div class="headLogo">
                <center>
                    <h1 style="font-family: 'Style Script', cursive;">Musicana <i class="fa fa-
music"></i></h1>
                </center>
            </div>
            <div class="sidebarList">
                <!-- <b> -->
                <a class="sidebarButtons sidebar-select" href="home.html"><i class="fa fa-home"></i> Home</a>
                <a class="sidebarButtons" href="search.html"><i class="fa fa-search"></i> Search</a>
                <a class="sidebarButtons" href="library.html"><i class="fa fa-database"></i> Library</a>
                <!-- </b> -->
            </div>
            <!--Sidebar Lists-->

            <div class="sidebarList">
                <h2>Playlists</h2>

                <div class="sidebarPlay">
                    <!-- Adding JS in Inline Code -->
                    <a class="bottomLine" href="#" onClick="alert('Create Playlist is Selected !');">
                        <i class="fa fa-plus-circle"></i>
                        <span>Create Playlist</span>
                    </a>
                </div>
                <div class="sidebarPlay">
                    <a class="bottomLine" href="#" onClick="alert('Favourite Music is selected !');">
                        <i class="fa fa-heart"></i>
                        <span>Favourite Music</span></a>
                </div>
                <div class="sidebarPlay">
                    <a class="bottomLine" href="#" onClick="alert('Purchased is selected !');">
                        <i class="fa fa-shopping-bag"></i>
                        <span>Purchased</span>
                    </a>
                </div>
            </div>
            <div class="sidebarPlaylists">
                <a href="#"><i class="fa fa-list-ul"></i>Playlist 1</a>
                <a href="#"><i class="fa fa-list-ul"></i>Playlist 2</a>
                <a href="#"><i class="fa fa-list-ul"></i>Playlist 3</a>
                <a href="#"><i class="fa fa-list-ul"></i>Playlist 4</a>
                <a href="#"><i class="fa fa-list-ul"></i>Playlist 5</a>
            </div>
            <div class="sidebarPlaylists">
                <a href="#"><i class="fa fa-list-ul"></i>Playlist 1</a>
                <a href="#"><i class="fa fa-list-ul"></i>Playlist 2</a>
                <a href="#"><i class="fa fa-list-ul"></i>Playlist 3</a>
                <a href="#"><i class="fa fa-list-ul"></i>Playlist 4</a>
                <a href="#"><i class="fa fa-list-ul"></i>Playlist 5</a>
            </div>
            <!-- Log out -->
            <div class="sidebarList">
                <a class="sidebarButtons" href="index.html"> <i class="fa fa-sign-out" style="font-
size:20px"></i> Log Out</a>
            </div>
```

```html
                <!--sidebar bottom closes-->
        </div>
        <!--sidebar ends-->
    </div>
    <!-- Main Part of Home Page -->
    <div class="main">
        <div class="mainBottom">
            <!-- Main Row 1 -->
            <div class="MainRow">
                <div class="RowTitle">
                    <h2>Popular Albums</h2>
                </div>
                <!--MainCol 1-->
                <div class="MainCol">
                    <img src="img/top10.png" />
                    <h3>Top 10 Most Played</h3>
                    <p>Description........</p>
                </div>
                <!--MainCol 2-->
                <div class="MainCol">
                    <img src="img/top10.png" />
                    <h3>Top 10 Most Played</h3>
                    <p>Description........</p>
                </div>
                <!--MainCol 3-->
                <div class="MainCol">
                    <img src="img/top10.png" />
                    <h3>Top 10 Most Played</h3>
                    <p>Description........</p>
                </div>
                <!--MainCol 4-->
                <div class="MainCol">
                    <img src="img/top10.png" />
                    <h3>Top 10 Most Played</h3>
                    <p>Description........</p>
                </div>
                <!--MainCol 5-->
                <div class="MainCol">
                    <img src="img/top10.png" />
                    <h3>Top 10 Most Played</h3>
                    <p>Description........</p>
                </div>
                <!--MainCol 6-->
                <div class="MainCol">
                    <img src="img/top10.png" />
                    <h3>Top 10 Most Played</h3>
                    <p>Description........</p>
                </div>
                <!--MainCol 7-->
                <div class="MainCol">
                    <img src="img/top10.png" />
                    <h3>Top 10 Most Played</h3>
                    <p>Description........</p>
                </div>
                <!--MainCol 8-->
                <div class="MainCol">
```

```html
                <img src="img/top10.png" />
                <h3>Top 10 Most Played</h3>
                <p>Description.........</p>
            </div>
        <!--MainCol 9-->
        <div class="MainCol">
                <img src="img/top10.png" />
                <h3>Top 10 Most Played</h3>
                <p>Description.........</p>
            </div>

        <!--MainCol 10-->
        <div class="MainCol">
                <img src="img/top10.png" />
                <h3>Top 10 Most Playeddddddddddddddddddddddddddd</h3>
                <p>Description.........</p>
            </div>

        <!--Main Row 1 closes-->
    </div>

    <!-- Main Row 1 -->
    <div class="MainRow">
        <div class="RowTitle">
            <h2>My Songs</h2>
        </div>
        <!--Main Col 1-->
        <div class="MainCol" data-image="img/agartum.jfif" data-artist="Alka Yagnik & Arjit Singh" data-song="Agar Tum Saath Ho" data-file="assets/tumSaathHo.mp3">
            <img src="img/agartum.jfif" />
            <h3>Agar Tum Saath Ho</h3>
            <p>Alka Yagnik & Arjit Singh</p>
        </div>

        <!--Main Col 2-->
        <div class="MainCol" data-image="img/pal.jpg" data-artist="Shreya Ghoshal & Arijit Singh" data-song="Pal-Jalebi" data-file="assets/pal.mp3">
            <img src="img/pal.jpg" />
            <h3>Pal - Jalebi</h3>
            <p>Shreya Ghoshal & Arijit Singh</p>
        </div>
        <!-- Main Row 2 closes-->
    </div>
    <!--mainBottom closes-->
</div>
<!-- Main Part Closes -->
</div>
<!--Player-->
<div class="player">
    <div class="PlayerArtist">
    </div>
    <div class="PlayerControl">
        <div class="PlayerControlButton">
            <a href=""><i class="fa fa-backward"></i></a>
            <a style="display: none;" id="pauseBtn" href="#"><i class="fa fa-pause-circle"></i></a>
            <a id="playBtn" href="#"><i class="fa fa-play-circle"></i></i></a>
```

```html
                <a href=""><i class="fa fa-forward"></i></a>
            </div>

            <div class="PlayerControlProgress">
                <!-- <div style="width:0%;" class="PlayerControlProgress2"></div> -->
            </div>

        </div>
    </div>

    <audio id="audioplayer" style="position: absolute; left: 0; top: 0; z-index: -
999; opacity: 0;" controls="">
    <script>
            var audioPlayer = document.getElementById('audioplayer');
            var loaded = false;
            var playBtn = document.getElementById('playBtn');
            var pauseBtn = document.getElementById('pauseBtn');
            // When pause button is clicked
            pauseBtn.addEventListener('click',(e)=>{
                e.preventDefault();
                playBtn.style.display = "inline";
                pauseBtn.style.display = "none";
                audioPlayer.pause();
                return false;
            });
            // When play button is clicked (DOM element)
            playBtn.addEventListener('click',(e)=>{
                e.preventDefault();

                playBtn.style.display = "none";
                pauseBtn.style.display = "inline";
                audioPlayer.play();
                return false;
            });
            // Function playSong
            function playSong(file){
                    if( loaded == false){
                        audioPlayer.innerHTML = `<source src="`+file+`" type="audio/mp3" />`;
                        loaded = true;
                    }
                    audioPlayer.load();
                    playBtn.style.display = "none";
                    pauseBtn.style.display = "inline";
            }
            // For all MainCol class elements
            document.querySelectorAll('.MainCol').forEach(item =>{
                item.addEventListener('click',event=>{
                    let image = item.getAttribute('data-image');
                    let artist = item.getAttribute('data-artist');
                    let song = item.getAttribute('data-song');
                    let file = item.getAttribute('data-file');
                    // Using Arrays
                    const songDetails =[image,artist,song,file];
                    alert("Song Details : " + songDetails);
                    let playerArtistComponent = document.getElementsByClassName('PlayerArtist');
                    // To display Song artist  and img in player
```

```javascript
                    playerArtistComponent[0].innerHTML = `
                        <img src="`+image+`" />
                        <h3>`+artist+`<br/><span>`+song+`</span></h3>
                    `;
                    // Calling function playSong(file)
                    playSong(file);
                })
            });
            //Update progress bar
            audioPlayer.onloadstart = ()=>{
                alert('Loading....');
            }
            audioPlayer.oncanplaythrough = function() {
                let startSong="Going to start playing song"; //Using strings
                alert(startSong);
                audioPlayer.play();
                // length of audio in secs
                alert("Duration of Song is "+Math.round(audioPlayer.duration)+"s i.e. "+Math.round(audioPlaye
r.duration*100/60)/100+" mins");
            };
        </script>
    </body>
</html>
```

index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>MUSICANA - Music for Everyone</title>
    <link rel="icon" href="img/favicon.ico" />
    <link href="https://fonts.googleapis.com/css2?family=DM+Sans:wght@400;500;700&display=swap" rel="stylesh
eet" />
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
    <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swap" rel="stylesheet">
    <link href="https://fonts.googleapis.com/css2?family=Style+Script&display=swap" rel="stylesheet">
    <link rel="stylesheet" href="css/base.css" />
    <link rel="stylesheet" href="css/header.css" />
    <link rel="stylesheet" href="css/hero.css" />
    <link rel="stylesheet" href="css/albums.css" />
    <link rel="stylesheet" href="css/footer.css" />
    <link rel="stylesheet" href="css/media-queries.css" />
</head>
<body>
    <!-- HEADER -->
    <header>
        <div class="header-container">
            <div class="musicana-logo">
                <h1 style="font-family: 'Style Script', cursive;">Musicana <i class="fa fa-music"></i></h1>
            </div>
            <!-- Menu that will be shown on mobile devices-->
            <nav class="nav-mobile">
                <!-- Profile -->
                <div class="profile">
```

```html
            <i class="fa fa-user" style="font-size:1.7rem; color:var(--blue);"></i>
          </div>
          <!-- Drop  down Menu -->
          <input type="checkbox" class="toggler" />
          <div class="overlay-menu">
              <div></div>
          </div>
          <div class="menu">
              <div class="background-overlay"></div>
              <div class="menu-overlay">
                  <ul>
                      <li><a href="#">About Us</a></li>
                      <li><a href="#">Contact Us</a></li>
                      <li role="separator"></li>
                      <li><a href="signup.html">SignUp</a></li>
                      <li><a href="login.html">LogIn</a></li>
                  </ul>
                  <div class="menu-overlay-logo">
                      <div class="musicana-logo">
                          <h1 style="font-family: 'Style Script', cursive;">Musicana <i class="fa fa-music"></i></h1>
                      </div>
                  </div>
              </div>
          </div>
      </nav>
      <!-- Menu that will be shown on Desktop -->
      <nav class="nav-desktop">
          <!-- Site menu -->
          <ul>
              <li><a href="#">About Us</a></li>
              <li><a href="#">Contact Us</a></li>
              <li role="separator"></li>
          </ul>
          <!-- Profile menu -->
          <div class="profile-container">
              <input type="checkbox" class="dropdown-menu-toggler" />
              <div class="dropdown-menu">
                  <ul>
                      <li><a href="signup.html">Create Account</a></li>
                      <li><a href="login.html">Log In</a></li>
                  </ul>
              </div>
              <div class="profile">
                  <i class="fa fa-user" style="font-size:1.7rem; color:white"></i>
              </div>
              <ul>
                  <li>
                      <i class="fa fa-chevron-down " style="color:white; "></i>
                  </li>
              </ul>
          </div>
      </nav>
    </div>
  </header>
  <!-- HERO CONTAINER-->
```

```html
<section class="hero">
    <div class="hero-container">
        <div class="hero-content">
            <h1 class="hero-title">
                <div style="font-
family: 'Style Script', cursive;">M u s i c a n a</div> Music For Everyone
            </h1>
            <a class="hero-
button" id="opensignup" href="JavaScript:newWindow('signup')">Create Account</a>
            <a class="hero-
button" id="closesignup" href="JavaScript:closeWindow('signup')" style="display:none;"> CLOSE SIGN UP</a>
            <a href="#alb"><i class="fa fa-chevron-circle-down " ></i></a>
        </div>
    </div>
</section>
<!--SONG ALBUMS -->
<section class="albums" id="alb">
    <div class="albums-container">
        <div class="albums-content">
            <h2>Looking for music?</h2>
            <p>Start listening to the top favourite songs.</p>
            <a class="hero-button" id="openlogin" href="JavaScript:newWindow('login')">LOG IN</a>
            <a class="hero-
button" id="closelogin" href="JavaScript:closeWindow('login')" style="display:none;"> CLOSE LOG IN</a>
        </div>
        <div class="albums-cards-container">
            <div class="album">
                <img src="img/pal.jpg" />
                <div class="album-info">
                    <h2>Pal - Jalebi </h2>
                    <h4>Shreya Ghoshal</h4>
                    <a href="#">PLAY NOW</a>
                </div>
            </div>
            <div class="album">
                <img src="img/agartum.jfif" />
                <div class="album-info">
                    <h2>Agar Tum Saath Ho - Tamasha</h2>
                    <h4>Alka Yagnik</h4>
                    <a href="#">PLAY NOW</a>
                </div>
            </div>
            <div class="album">
                <img src="img/broken.jpg" />
                <div class="album-info">
                    <h2>Yeh Kya Hua - Broken But Beautiful</h2>
                    <h4>Shreya Ghoshal</h4>
                    <a href="#">PLAY NOW</a>
                </div>
            </div>
            <div class="album">
                <img src="img/hawayein.jpg" />
                <div class="album-info">
                    <h2>Hawayein - Jab Harry Met Sejal</h2>
                    <h4>Arjit Singh</h4>
                    <a href="#">PLAY NOW</a>
```

```html
                    </div>
                </div>
                <div class="album">
                    <img src="img/mastMagan.jpg" />
                    <div class="album-info">
                        <h2>Mast Magan - 2 States</h2>
                        <h4>Chinmayi, Arjit Singh</h4>
                        <a href="#">PLAY NOW</a>
                    </div>
                </div>
                <div class="album">
                    <img src="img/tumSeHi.jpg" />
                    <div class="album-info">
                        <h2>Tum Se Hi - Jab We Met</h2>
                        <h4>Mohit Chauhan</h4>
                        <a href="#">PLAY NOW</a>
                    </div>
                </div>
            </div>
            <center><a href="#"><i class="fa fa-chevron-circle-up " ></i></a></center>
        </div>
    </section>
    <!-- FOOTER -->
    <footer>
        <nav class="footer-nav">
            <div class="logo-footer">
                <div class="musicana-logo">
                    <h1 style="font-family: 'Style Script', cursive;">Musicana <i class="fa fa-
music"></i></h1>
                </div>
            </div>
            <div class="top-links">
                <div class="company-links">
                    <ul>
                        <li>COMPANY</li>
                        <li><a href="#">About Us</a></li>
                        <li><a href="#">For the Record</a></li>
                    </ul>
                </div>
                <div class="communities-links">
                    <ul>
                        <li>COMMUNITIES</li>
                        <li><a href="#">For artists</a></li>
                        <li><a href="#">Developers</a></li>
                        <li><a href="#">Advertising</a></li>
                    </ul>
                </div>
                <div class="useful-links">
                    <ul>
                        <li>USEFUL LINKS</li>
                        <li><a href="#">Contact Us</a></li>
                        <li><a href="#">Web Player</a></li>
                    </ul>
                </div>
            </div>
            <div class="social-icons">
```

```html
                    <ul>
                        <li>
                            <a href="#">
                                <i class="fa fa-instagram"></i>
                            </a>
                        </li>
                        <li>
                            <a href="#">
                                <i class="fa fa-twitter"></i>
                            </a>
                        </li>
                        <li>
                            <a href="#"><i class="fa fa-facebook-f" ></i></a>
                        </li>
                    </ul>
                </div>
                <div class="bottom-links">
                    <ul>
                        <li><a href="#">Privacy Policy</a></li>
                        <li><a href="#">Cookies</a></li>
                        <li><a href="#">About Ads</a></li>
                    </ul>
                    <span>&copy; 2021 Shreya Shetty</span>
                </div>
            </nav>
        </footer>
        <script>
            // Hiding the body scrollbar when the overlay menu is opened
            const body = document.body; // Get the body element
            const toggler = document.querySelector(".toggler"); // Getting the checkbox element
            toggler.addEventListener("change", (e) => {
                e.target.checked ?
                    (body.style.overflowY = "hidden") :
                    (body.style.overflowY = "scroll");
            });
            // BOM to open window
            function newWindow(file) {
                myWindow = window.open("file:///D:/PROJECT_AND_CODES/ITL/" + file + '.html',
                    "FORM", "width=500, height=650");
                myWindow.focus();
                document.getElementById("open" + file).style.display = "none";
                document.getElementById("close" + file).style.display = "block";
            }
            function closeWindow(file) {
                myWindow.close();
                document.getElementById("open" + file).style.display = "block";
                document.getElementById("close" + file).style.display = "none";
            }
        </script>
    </body>
</html>
```

login.html

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

```html
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login Form</title>
    <link rel="stylesheet" href="css/login.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
    <link href="https://fonts.googleapis.com/css2?family=Style+Script&display=swap" rel="stylesheet">
    <script src="js/password.js"></script>
</head>
<body onload="checkCookie()">
    <section>
        <div class="box">
            <div class="square" style="--i:0;"></div>
            <div class="square" style="--i:1;"></div>
            <div class="square" style="--i:2;"></div>
            <div class="square" style="--i:3;"></div>
            <div class="square" style="--i:4;"></div>
            <div class="Container">
                <div class="form">
                    <center>
                        <h2><i style="font-family: 'Style Script', cursive;">Musicana</i> Login Form</h2>
                    </center>
                    <hr>
                    <form action="" name="loginForm" method="POST" onsubmit="return validateform()">
                        <div class="inputBox">
                            <span class="fa fa-user"></span>
                            <input type="text" name="username" size="30" placeholder="Username" size="65">
                        </div>
                        <div class="inputBox">
                            <span class="fa fa-key"></span>
                            <span onclick="password_show_hide();">
                                <i class="fa fa-eye" id="show_eye"></i>
                                <i class="fa fa-eye-slash" id="hide_eye" style="display: none;"></i>
                            </span>
                            <input type="password" name="userpass" size="20" placeholder="Password" id="passw
ord" required>
                        </div>
                        <div class="form-check">
                            <input type="checkbox">
                            <label>Remember Me</label>
                        </div>
                        <div class="inputBox">
                            <center><input type="submit" value="Login"></center>
                        </div>
                        <center>
                            <p class="forget">Forgot Password? <a href="#">Click Here</a></p>
                            <p class="forget">Don't have an account? <a href="signup.html">Sign Up</a></p>
                            <p class="forget"><a href="index.html">Back To Home</a></p>
                        </center>
                    </form>
                </div>
            </div>
        </div>
    </section>
    <script>
```

```javascript
        function validateform() {
            var name = document.loginForm.username.value;
            if (name == null || name == "") {
                alert("UserName can't be blank");
                return false;
            }
            //Error in JS
            let x = document.getElementById("password").value;
            try {
                if (x == "" || x == null) throw "is empty";
                if (x.length < 6) throw "must be atleast 6 characters long";
                if (validatePass(x) == false) throw "should contain at least 1 uppercase character, at least
1 lowercase character, at least 1 digit & at least 1 special character";

            } catch (err) {
                alert("Password entered " + err);
                return false;
            }
            alert('Succesful Login');
        }
        // Cookies
        function setCookie(cname, cvalue, exdays) {
            const d = new Date();
            d.setTime(d.getTime() + (exdays * 24 * 60 * 60 * 1000));
            let expires = "expires=" + d.toUTCString();
            document.cookie = cname + "=" + cvalue + ";" + expires + ";path=/";
        }
        function getCookie(cname) {
            let name = cname + "=";
            let decodedCookie = decodeURIComponent(document.cookie);
            let ca = decodedCookie.split(';');
            for (let i = 0; i < ca.length; i++) {
                let c = ca[i];
                while (c.charAt(0) == ' ') {
                    c = c.substring(1);
                }
                if (c.indexOf(name) == 0) {
                    return c.substring(name.length, c.length);
                }
            }
            return "";
        }
        function checkCookie() {
            let user = getCookie("username");
            if (user != "") {
                alert("Welcome again " + user);
            } else {
                user = prompt("Your Name:", "");
                if (user != "" && user != null) {
                    setCookie("username", user, 1);
                }
            }
        }
    </script>
</body>
</html>
```

signup.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Sign Up Form</title>
    <link rel="stylesheet" href="css/login.css">
    <script src="js/password.js"></script>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
    <link href="https://fonts.googleapis.com/css2?family=Style+Script&display=swap" rel="stylesheet">
    <script>
        function resetFunc() {
            document.getElementById("SignUp").reset();
        }
    </script>
</head>
<body>
    <section>
        <div class="box">
            <div class="square" style="--i:0;"></div>
            <div class="square" style="--i:1;"></div>
            <div class="square" style="--i:2;"></div>
            <div class="square" style="--i:3;"></div>
            <div class="square" style="--i:4;"></div>
            <div class="Container">
                <div class="form">
                    <center>
                        <h2> <i style="font-family: 'Style Script', cursive;">Musicana</i> SignUp Form</h2>
                    </center>
                    <hr>
                    <form name="signupForm" id="SignUp" action="" method="post" onsubmit="return validateForm
()">
                        <div class="inputBox">
                            <span class="fa fa-user-circle"></span>
                            <input type="text" placeholder="First Name" size="70" name="fname">
                        </div>
                        <div class="inputBox">
                            <span class="fa fa-user-circle"></span>
                            <input type="text" placeholder="Last Name" size="70" name="lname" required>
                        </div>
                        <div class="inputBox">
                            <span class="fa fa-envelope"></span>
                            <input type="text" placeholder="Email" size="70" name="email" required>
                        </div>
                        <div class="inputBox">
                            <span class="fa fa-user"></span>
                            <input type="text" placeholder="Username" size="30" name="username" required>
                        </div>
                        <div class="inputBox">
                            <span class="fa fa-key"></span>
                            <input type="password" placeholder="Password" size="20" name="pass" required>
                        </div>
                        <div class="inputBox">
```

```html
                                    <span class="fa fa-key"></span>
                                    <input type="password" placeholder="Confirm Password" size="20" name="passconfirm" required>
                            </div>
                            <div class="inputBox">
                                    <center><input type="submit" value="SignUp" name="submit">
                                        <input type="reset" value="Reset" name="Reset" onclick="resetFunc()" />
                                    </center>
                            </div>
                            <center>
                                    <p class="forget">Already have an account? <a href="login.html">Login</a></p>
                                    <p class="forget"><a href="index.html">Back To Home</a></p>
                            </center>
                    </form>
                </div>
            </div>
        </div>
    </section>
    <script>
        function validateForm() {
            var name = document.signupForm.username.value;
            var pass = document.signupForm.pass.value;
            var fname = document.signupForm.fname.value;
            var lname = document.signupForm.lname.value;
            var email = document.signupForm.email.value;
            var username = document.signupForm.username.value;
            var passconfirm = document.signupForm.passconfirm.value;
            if (fname == null || fname == "") {
                window.alert("Please enter your First Name.");
                return false;
            } else if (lname == null || lname == "") {
                alert("Please enter your Last Name.");
                return false;
            } else if (email == null || email == "" || ValidateEmail(email) == false) {
                alert("Please enter a valid e-mail address.");
                return false;
            } else if (username == null || username == "") {
                alert("Please enter your username.");
                return false;
            } else if (pass == null || pass == "") {
                alert("Please enter your password");

                return false;
            } else if (passconfirm == null || passconfirm == "") {
                alert("Please enter your password again");
                return false;
            } else if (pass.length < 6) {
                alert("Password must be at least 6 characters long.");
                pass.focus();
                return false;
            } else if (pass.length > 15) {
                alert("Password must be less than 16 characters long.");
                return false;
            } else if (validatePass(pass) == false) {
                alert('Password should contain at least 1 uppercase character, at least 1 lowercase character
, at least 1 digit & at least 1 special character')
```

```
            } else if (pass != passconfirm) {
                alert("Passwords must be same!");
                passconfirm.focus();
                return false;
            } else {
                alert('Registration is Successfull!!')
                return true;
            }        }
        function ValidateEmail(inputText) {
            var mailformat = /^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/;
            if (inputText.match(mailformat)) {
                return true;
            } else {
                return false;
            }
        }
    </script>
</body>
</html>
```

library.html

```
<!DOCTYPE html>
<html>

<head>
    <title>MUSICANA - Home Page</title>
    <meta charset="utf-8">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
    <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swap" rel="stylesheet">
    <link href="https://fonts.googleapis.com/css2?family=Style+Script&display=swap" rel="stylesheet">
    <link rel="stylesheet" href="css/styles.css">
</head>

<body>
    <!--Firstly, Sidebar Code is written same as home.html, then the following is added-->
    <!-- Main Part of Home Page -->
    <div class="main">
        <div class="mainBottom">
            <!-- Main Row 1 -->
            <div class="MainRow">
                <div class="RowTitle">
                    <h2>Top Songs</h2>
                </div>
                <!--MainCol 1-->
                <div class="MainCol">
                    <h3>Top 10 Most Played</h3>
                    <p>Description.........</p>
                </div>
                <!--MainCol 2-->
                <div class="MainCol">
                    <h3>Top 10 Most Played</h3>
                    <p>Description.........</p>
                </div>
                <!--MainCol 3-->
                <div class="MainCol">
```

```html
            <h3>Top 10 Most Played</h3>
            <p>Description........</p>
        </div>
    <!--MainCol-->
    <div class="MainCol">
        <h3>Top 10 Most Played</h3>
        <p>Description........</p>
    </div>
    <!--MainCol 4-->
    <div class="MainCol">
        <h3>Top 10 Most Played</h3>
        <p>Description........</p>
    </div>
    <!--MainCol 5-->
    <div class="MainCol">
        <h3>Top 10 Most Played</h3>
        <p>Description........</p>
    </div>
    <!--MainCol 6-->
    <div class="MainCol">
        <h3>Top 10 Most Played</h3>
        <p>Description........</p>
    </div>
    <!--MainCol 7-->
    <div class="MainCol">
        <h3>Top 10 Most Played</h3>
        <p>Description........</p>
    </div>
    <!--MainCol 8-->
    <div class="MainCol">
        <h3>Top 10 Most Played</h3>
        <p>Description........</p>
    </div>
</div>
<!-- Main Row 2 -->
<div class="MainRow">
    <div class="RowTitle">
        <h2>Favourite Songs</h2>
    </div>
    <!--Main Col 1-->
    <div class="MainCol" data-image="img/agartum.jfif" data-artist="Alka Yagnik & Arjit Singh" data-song="Agar Tum Saath Ho" data-file="assets/tumSaathHo.mp3">
        <img src="img/agartum.jfif" />
        <h3 id="libSong1"> </h3>
        <p id="libArtist1"> </p>
    </div>
    <!--Main Col 2-->
    <div class="MainCol" data-image="img/pal.jpg" data-artist="Shreya Ghoshal & Arijit Singh" data-song="Pal-Jalebi" data-file="assets/pal.mp3">
        <img src="img/pal.jpg" />
        <h3 id="libSong2"> </h3>
        <p id="libArtist2"> </p>
    </div>
    <!--Main Col 3-->
    <div class="MainCol" data-image="img/hawayein.jpg" data-artist="Arijit Singh" data-song="Hawayein - Jab Harry Met Sejal" data-file="">
```

```
                    <img src="img/hawayein.jpg" />
                    <h3 id="libSong3"> </h3>
                    <p id="libArtist3"> </p>
                </div>
                <!--Main Col 4-->
                <div class="MainCol" data-image="img/broken.jpg" data-artist="Shreya Ghoshal" data-
song="Yeh Kya Hua - Broken But Beautiful" data-file="">
                    <img src="img/broken.jpg" />
                    <h3 id="libSong4"> </h3>
                    <p id="libArtist4"> </p>
                </div>
            </div>
        </div>
    </div>
    <!--Player-->
    <div class="player">
        <div class="PlayerArtist">
        </div>
        <div class="PlayerControl">
            <div class="PlayerControlButton">
                <a href=""><i class="fa fa-backward"></i></a>
                <a style="display: none;" id="pauseBtn" href="#"><i class="fa fa-pause-circle"></i></a>
                <a id="playBtn" href="#"><i class="fa fa-play-circle"></i></i></a>
                <a href=""><i class="fa fa-forward"></i></a>
            </div>
            <div class="PlayerControlProgress"></div>
        </div>
    </div>
    <audio id="audioplayer" style="position: absolute; left: 0; top: 0; z-index: -
999; opacity: 0;" controls="">
    <script>
        // JSON in JS (for Album song names and artist names)
        let text = '{"libAlbum":[' +
                '{"libSong":"Agar Tum Saath Ho","libArtist":"Alka Yagnik & Arjit Singh" },' +
                '{"libSong":"Pal - Jalebi","libArtist":"Shreya Ghoshal & Arijit Singh" },' +
                '{"libSong":"Hawayein - Jab Harry Met Sejal","libArtist":"Arijit Singh" },' +
                '{"libSong":"Yeh Kya Hua - Broken But Beautiful","libArtist":"Shreya Ghoshal" }]}';
        const obj = JSON.parse(text);
        for (let i = 0; i < 4; i++)
        {
            document.getElementById("libSong"+(i+1)).innerHTML = obj.libAlbum[i].libSong;
            document.getElementById("libArtist"+(i+1)).innerHTML = obj.libAlbum[i].libArtist;
        }
    </script>
</body>
</html>
```

search.html

```
<!DOCTYPE html>
<html>
<head>
    <title>MUSICANA - Home Page</title>
    <meta charset="utf-8">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
    <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swap" rel="stylesheet">
```

```html
    <link href="https://fonts.googleapis.com/css2?family=Style+Script&display=swap" rel="stylesheet">
    <link rel="stylesheet" href="css/styles.css">
    <style>
        .search-wrapper {
            display: flex;
        }
        .search_box {
            background: rgb(59, 55, 55);
            position: relative;
            padding: 10px;
            border-radius: 50px;
            display: flex;
        }
        .search_box .search_btn {
            width: 35px;
            height: 35px;
            border-radius: 50%;
            background: rgb(130, 130, 130);
            display: flex;
            justify-content: center;
            align-items: center;
            color: #fff;
            margin-right: 15px;
            cursor: pointer;
        }
        .search_box .input_search {
            outline: none;
            border: 0;
            background: rgb(130, 130, 130);
            border-radius: 50px;
            padding: 15px 20px;
            width: 500px;
            height: 35px;
            color: #fff;
        }
         ::placeholder {
            color: #fff;
        }
    </style>
</head>
<body>
    <!--first, sidebar Code same as home.html is written followed by the below code-->
    <!-- Main Part of Home Page -->
    <div class="main">
        <div class="mainBottom">
            <div class="search-wrapper">
                <div class="search_box">
                    <div class="search_btn"><i class="fa fa-search"></i></div>
                    <input type="text" class="input_search" placeholder="What are you looking for?">
</div></div>
            <div class="MainRow">
                <div class="RowTitle">
                    <h2>Genres</h2>
                </div>
                <div class="MainCol">
                    <h3>Disco</h3>
```

```html
                <p>Description</p>
            </div>
            <div class="MainCol">
                <h3>Dance</h3>
                <p>Description</p>
            </div>
            <div class="MainCol">
                <h3>Pop</h3>
                <p>Description</p>
            </div>
            <div class="MainCol">
                <h3>Bhajan</h3>
                <p>Description</p>
            </div>
            <div class="MainCol">
                <h3>Rock</h3>
                <p>Description</p>
            </div>
            <div class="MainCol">
                <h3>Ghazal</h3>
                <p>Description</p>
            </div>
            <div class="MainCol">
                <h3>Qawwali</h3>
                <p>Description</p>
            </div>
            <div class="MainCol">
                <h3>Classical</h3>
                <p>Description</p>
            </div>
            <div class="MainCol">
                <h3>Fusion</h3>
                <p>Description</p>
            </div>
            <div class="MainCol">
                <h3>Romantic</h3>
                <p>Description</p>
            </div>
            <div class="MainCol">
                <h3>Patriotic</h3>
                <p>Description</p>
            </div>
        </div>
      </div>
    </div>
    <!--Player code and script added will be same as home.html-->
</body>
</html>
```

password.js

```javascript
function password_show_hide() {
    var x = document.getElementById("password");
    var show_eye = document.getElementById("show_eye");
    var hide_eye = document.getElementById("hide_eye");
    hide_eye.classList.remove("d-none");
    if (x.type === "password") {
```

```javascript
        x.type = "text";
        show_eye.style.display = "none";
        hide_eye.style.display = "block";
    } else {
        x.type = "password";
        show_eye.style.display = "block";
        hide_eye.style.display = "none";
    }
}
function validatePass(str) {
    if (str.match(/[a-z]/g) && str.match(
            /[A-Z]/g) && str.match(
            /[0-9]/g) && str.match(
            /[^a-zA-Z\d]/g))
        return true;
    else
        return false;
}
```

styles.css

```css
@import url('https://fonts.googleapis.com/css2?family=Courgette&display=swap');
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Courgette', cursive;
}
.headLogo {
    background: -webkit-
gradient(linear, left top, left bottom, from(rgb(255, 0, 128)), to(rgb(47, 1, 255)));
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
}
i {
    color: white;
    padding: 0 10px;
}
html,
body {
    height: 100%;
}
.sidebar {
    float: left;
    width: 250px;
    padding: 10px 10px;
    height: 100%;
    overflow-y: auto;
    background-color: black;
    overflow-x: hidden;
}
.sidebar-bottom {
    padding-bottom: 100px;
}
.sidebarList {
    margin: 20px 0;
    color: rgb(190, 190, 190);
```

```css
}
.sidebarList a {
    color: rgb(190, 190, 190);
    text-decoration: none;
    display: block;
    padding: 10px 0;
    margin: 5px 0;
}
.sidebarList a.sidebarButtons i {
    margin-right: 10px;
}
.sidebarList a.sidebar-select {
    font-weight: bold;
    color: white;
    background-color: rgb(107, 107, 107);
    border-radius: 5px;
    box-shadow: 0px 0px 11px rgba(0, 0, 0, 0.15);
}
.sidebarList a.sidebarButtons:hover {
    font-weight: bold;
    color: white;
    border-radius: 5px;
    box-shadow: 0px 0px 11px rgba(0, 0, 0, 0.15);
    background: -webkit-linear-gradient(#fff200, #ff0077);
}
.sidebarList .fa,
.sidebarPlaylists .fa {
    background: -webkit-
gradient(linear, left top, left bottom, from(rgb(255, 0, 128)), to(rgb(47, 1, 255)));
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
}
.sidebarList a.sidebar-select .fa {
    background: white;
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
}
.sidebarPlay {
    margin-top: 12px;
    cursor: pointer;
    vertical-align: middle;
}
.sidebarPlay a {
    padding: 2px 0;
}
.sidebarPlay:hover {
    background: -webkit-linear-gradient(#fff200, #ff0077);
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
}
.bottomLine span {
    display: inline-block;
}
.bottomLine span::after {
    content: '';
    display: block;
```

```css
    width: 0;
    height: 2px;
    background: white;
    background: linear-gradient(to left, #4c00ff, #ff3b72);
    transition: width .3s;
}
.bottomLine span:hover::after {
    width: 100%;
}
.sidebarPlay span {
    font-weight: bold;
    font-size: 14px;
    padding: 0 10px;
}
.sidebarPlaylists {
    padding: 20px 0;
    border-top: 1px solid rgb(40, 40, 40);
    border-bottom: 1px solid rgb(40, 40, 40);
}
.sidebarPlaylists .fa {
    padding-right: 25px;
}
.sidebarPlaylists a {
    margin: 15px 0;
    display: block;
    color: rgb(190, 190, 190);
    text-decoration: none;
}
.sidebarPlaylists a:hover {
    color: white;
    border-left: 3px solid rgb(255, 255, 255);
}
/*Main Part*/
.main {
    width: calc(100% - 250px);
    background-color: rgb(24, 22, 22);
    height: 100%;
    float: left;
    padding: 15px 60px;
    overflow-y: auto;
}
.MainRow {
    display: flex;
    flex-wrap: wrap;
    width: 100%;
    margin-top: 20px;
    margin-bottom: 50px;
}
.mainBottom {
    padding-bottom: 150px;
}

.RowTitle {
    width: 100%;
}
.RowTitle h2 {
```

```css
    color: white;
}
.MainCol {
    cursor: pointer;
    width: 10%;
    margin-right: 1.5%;
    margin-top: 20px;
    background-color: #2e2b2b;
    border-radius: 10px;
    padding: 10px;
    text-align: center;
}
.MainCol h3 {
    color: white;
    margin: 8px 0;
    /* Word-wrap */ word-wrap: break-word;
}
.MainCol p {
    color: rgb(124, 124, 124);
    margin: 8px 0;
    font-size: 13px;
    text-align: left;
}
.MainCol img {
    max-width: 125px;
    border-radius: 5px;
}
.player {
    width: 100%;
    padding: 20px;
    height: 100px;
    position: absolute;
    left: 0;
    bottom: 0;
    display: flex;
    background-color: rgb(59, 55, 55);
}
.PlayerArtist {
    width: 40%;
}
.PlayerArtist img {
    max-width: 70px;
    display: inline-block;
    vertical-align: middle;
    border-radius: 10px;
}
.PlayerArtist h3 {
    display: inline-block;
    color: white;
    font-weight: normal;
    font-size: 20px;
    vertical-align: middle;
    margin-left: 10px;
}
.PlayerArtist h3>span {
    color: rgb(200, 200, 200);
```

```css
        font-size: 13px;
}
.PlayerControl {
    width: 25%;
    text-align: center;
}
.PlayerControlButton a {
    color: white;
    margin: 8px 15px;
    font-size: 18px;
}
.PlayerControlProgress {
    width: 100%;
    max-width: 600px;
    height: 7px;
    margin-top: 20px;
    position: relative;
    border-radius: 8px;
    display: inline-block;
    background: rgb(130, 130, 130);
}
@media screen and (max-width: 1700px) {
    .MainCol {
        width: 23%;
    }
}
@media screen and (max-width: 768px) {
    .main {
        width: 100%; }
    .sidebar {
        display: none; }
    .MainCol {
        width: 48%;
        margin-right: 2%;
    }
}
```

login.css

```css
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    scroll-behavior: smooth;
    font-family: Georgia, 'Times New Roman', Times, serif;
}
body {
    overflow-x: hidden;
    background-size: 300% 300%;
    background-image: linear-gradient(-45deg, #3bade3 0%, #576fe6 25%, #9844b7 51%, #ff357f 100%);
    -webkit-animation: AnimateBG 20s ease infinite;
    animation: AnimateBG 20s ease infinite;
}
@keyframes AnimateBG {
    0% {
        background-position: 0% 50%;
    }
```

```css
        50% {
            background-position: 100% 50%;
        }
        100% {
            background-position: 0% 50%;
        }
}
section {
    display: flex;
    justify-content: center;
    align-items: center;
    min-height: 100vh; }
.box {
    position: relative;
}
.box .square {
    position: absolute;
    background: rgba(255, 255, 255, 0.1);
    backdrop-filter: blur(5px);
    box-shadow: 0 25px 45px rgba(0, 0, 0, 0.1);
    border: 1px solid rgba(255, 255, 255, 0.5);
    border-right: 1px solid rgba(255, 255, 255, 0.2);
    border-bottom: 1px solid rgba(255, 255, 255, 0.2);
    animation: animate 10s linear infinite;
    animation-delay: calc(-1s * var(--i));
}
@keyframes animate {
    0%,
    100% {
        transform: translateY(-40px);
    }
    50% {
        transform: translateY(40px);
    }
}
.box .square:nth-child(1) {
    top: -50px;
    right: -60px;
    width: 100px;
    height: 100px;
}
.box .square:nth-child(2) {
    top: 150px;
    left: -100px;
    width: 120px;
    height: 120px;
    z-index: 2;
}
.box .square:nth-child(3) {
    bottom: 50px;
    right: -60px;
    width: 80px;
    height: 80px;
    z-index: 2;
}
.box .square:nth-child(4) {
```

```css
        bottom: -80px;
        right: 100px;
        width: 50px;
        height: 50px;
}
.box .square:nth-child(5) {
        top: -80px;
        left: 140px;
        width: 60px;
        height: 60px;
}
.Container {
        position: relative;
        width: 400px;
        min-height: 400px;
        background: rgba(255, 255, 255, 0.1);
        border-radius: 10px;
        display: flex;
        justify-content: center;
        align-items: center;
        backdrop-filter: blur(5px);
        box-shadow: 0 25px 45px rgba(0, 0, 0, 0.1);
        border: 1px solid rgba(255, 255, 255, 0.5);
        border-right: 1px solid rgba(255, 255, 255, 0.2);
        border-bottom: 1px solid rgba(255, 255, 255, 0.2);
}
.form {
        position: relative;
        width: 100%;
        height: 100%;
        padding: 40px;
}
.form h2 {
        position: relative;
        color: #fff;
        font-size: 24px;
        font-weight: 600;
        letter-spacing: 1px;
        margin-bottom: 20px;
}
hr {
        border: solid white;
        border-radius: 5px;
        margin-bottom: 30px;
}
.form .inputBox {
        width: 100%;
        margin-top: 20px;
}
.inputBox span {
        position: absolute;
        width: 60px;
        color: white;
        padding: 11px 10px;
        margin: 0 10px;
}
```

```css
.inputBox span #show_eye,
#hide_eye {
    position: absolute;
    color: white;
    margin-left: 250px;
    padding-left: 10px;
}
.form .inputBox input[type="text"],
input[type="email"],
input[type="password"] {
    width: 100%;
    background: rgba(255, 255, 255, 0.2);
    border: none;
    outline: none;
    padding: 10px 20px;
    border-radius: 35px;
    border: 1px solid rgba(255, 255, 255, 0.5);
    border-right: 1px solid rgba(255, 255, 255, 0.2);
    border-bottom: 1px solid rgba(255, 255, 255, 0.2);
    font-size: 16px;
    letter-spacing: 1px;
    color: #fff;
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.05);
    padding-left: 45px;
}
.form .inputBox input[type="text"]:focus,
input[type="email"]:focus,
input[type="password"]:focus {
    box-shadow: 0 5px 8px rgba(0, 0, 0, 0.3);
}
.form .inputBox input::placeholder {
    color: #fff;
}
.form .form-check {
    color: #fff;
    padding-top: 20px;
    font-weight: 300;
}
.form .inputBox input[type="submit"],
input[type="reset"] {
    width: 100%;
    background: rgba(255, 255, 255, 0.2);
    border: none;
    outline: none;
    padding: 10px 20px;
    border-radius: 35px;
    border: 1px solid rgba(255, 255, 255, 0.5);
    border-right: 1px solid rgba(255, 255, 255, 0.2);
    border-bottom: 1px solid rgba(255, 255, 255, 0.2);
    font-size: 16px;
    letter-spacing: 1px;
    color: #fff;
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.05);
    /* Changes */
    max-width: 120px;
    cursor: pointer;
```

```css
        font-weight: 600;
        margin-bottom: 20px;
        margin-top: 10px;
}
.form .inputBox input[type="reset"] {
        margin-left: 10px;
}
.form .inputBox input[type="submit"]:hover,
input[type="reset"]:hover {
        box-shadow: 0 5px 10px rgba(0, 0, 0, 0.3);
}
.forget {
        margin-top: 5px;
        margin-bottom: 10px;
        color: #fff;
}
.forget a {
        display: inline-block;
        color: #fff;
        font-weight: 500;
}
@media (max-width: 420px) {
        .boxContainer {
                width: 360px;
        }
        .form {
                padding: 36px;
        }
}
@media (max-width: 390px) {
        .boxContainer {
                width: 320px;
        }
        .form {
                padding: 32px;
        }
}
```

album.css

```css
body {
        background: -webkit-linear-gradient(#4c00ff, #ff0077);
        background-attachment: fixed;
}
html {
        scroll-behavior: smooth;
}
.albums-container a i {
        color: white;
        font-size: 5rem;
        padding-bottom: 6rem;
}
.albums-container a .fa:hover {
        color: var(--black);
        border-radius: 50%;
        transition: all 0.5s ease;
}
```

```css
.albums-content {
    display: flex;
    flex-direction: column;
    align-items: center;
    text-align: center;
    padding: 11rem 1.5rem;
    color: var(--white);
}
.albums-content h2 {
    font-size: 3rem;
    margin-bottom: 1.5rem;
}
.albums-content p {
    font-size: 1.7rem;
    margin-bottom: 1rem;
}
.albums-cards-container {
    display: flex;
    overflow: auto;
    padding-bottom: 8rem;
}
/* Removes the horizontal scrollbar */
.albums-cards-container::-webkit-scrollbar {
    display: none;
}
.album {
    min-width: 50%;
    padding-left: 3.5rem;
    box-sizing: content-box;
}
.album:first-child {
    padding-left: 1.5rem;
}
.album:last-child {
    padding-right: 1.5rem;
}
.album img {
    width: 100%;
    box-shadow: 0.1rem 0.1rem 1.6rem -0.2rem rgba(0, 0, 0, 0.3);
}
.album img:hover {
    cursor: pointer;
}
/* Container for the song title, artist name and play now button */
.album-info {
    display: flex;
    flex-direction: column;
    align-items: center;
    text-align: center;
}
/*Avoid text from wrapping to the next line and add an ellipsis at the end */
.album-info h2, .album-info h4 {
    white-space: nowrap;
    overflow: hidden;
    text-overflow: ellipsis;
    width: 100%;
}
```

```css
}
.album-info h2 {
    font-size: 1.75rem;
    color: var(--black);
    padding-top: 2rem;
}
.album-info h4 {
    font-size: 1.5rem;
    color: var(--white);
    margin: 1rem 0;
}
.album-info h2, .album-info h4 {
    cursor: pointer;
}
.album-info a {
    font-size: 1.5rem;
    color: var(--blue);
    font-weight: 700;
    letter-spacing: 2px;
    transition: all 0.4s ease;
    text-shadow: 1px 1px black;
}
.album-info a:hover {
    color: var(--red);
    text-shadow: 1px 1px black;
}
```

hero.css

```css
.hero {
    background: url('../img/image.jpg');
    background-repeat: no-repeat;
    background-size: cover;
    position: relative;
    padding-bottom: 11rem;
}
.hero-container {
    padding: 20rem 1.5rem 0 1.5rem;
}
.hero-content {
    display: flex;
    flex-direction: column;
    align-items: center;
}
.hero-title {
    font-size: 5rem;
    color: var(--white);
    text-align: center;
    font-weight: 700;
    margin-bottom: 4rem;
    line-height: 5rem;
    letter-spacing: -0.3rem;
}
.hero-button {
    padding: 2rem 6rem;
    border: 3px solid var(--white);
    border-radius: 3rem;
```

```css
    color: var(--white);
    background: var(--grad1);
    font-size: 1.5rem;
    font-weight: 700;
    letter-spacing: 0.2rem;
    outline: none;
    cursor: pointer;
    transition: all 0.4s ease;
    margin-bottom: 3rem;
}
.hero-button:hover {
    background: var(--red);
}
.hero-content a i {
    color: white;
    font-size: 5rem;
    padding: 8rem 0 3rem;
}
.hero-content a .fa:hover {
    color: var(--red);
    border-radius: 50%;
    transition: all 0.5s ease;
}
```

base.css

```css
/* Variables */
:root {
    --blue: rgb(153, 1, 255);
    --white: #ffffff;
    --black: #000000;
    --gray1: #c1c3c6;
    --gray2: #919496;
    --gray3: #616467;
    --red: #ff0077;
    --grad: -webkit-gradient(linear, left top, left bottom, from(rgb(255, 0, 128)), to(rgb(47, 1, 255)));
    --grad1: -webkit-linear-gradient(#fff200, #ff0077);
}
/* Overwrite browser defaults */
* {
    box-sizing: border-box;
    margin: 0;
    padding: 0;
}
html,
body {
    height: 100%;
}
html {
    font-size: 62.5%;
}
body {
    font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
}
a {
```

```css
        text-decoration: none;
        color: inherit;
}
ul {
        list-style: none;
}
```

header.css

```css
header {
        height: 5.5rem;
        background: var(--white);
        width: 100%;
        position: fixed;
        z-index: 999;
}
.header-container {
        display: flex;
        justify-content: space-between;
        max-width: 76.5rem;
        height: 100%;
        margin: 0 auto;
        padding: 0 1.5rem;
}
.musicana-logo {
        display: flex;
        align-items: center;
        cursor: pointer;
        background: -webkit-
gradient(linear, left top, left bottom, from(rgb(255, 0, 128)), to(rgb(47, 1, 255)));
        -webkit-background-clip: text;
        -webkit-text-fill-color: transparent;
        font-size: 20px;
}
/* Menu on mobile devices */
.nav-mobile {
        display: flex;
        align-items: center;
        position: relative;
}
.profile {
        border: 2px solid var(--blue);
        width: 3.5rem;
        height: 3.5rem;
        border-radius: 50%;
        display: flex;
        align-items: center;
        justify-content: center;
        margin-right: 1.5rem;
        cursor: pointer;
}
.profile:hover {
        border-color: #ff0077;
}
/* Menu overlay */
.menu-overlay {
        display: flex;
```

```css
        flex-direction: column;
        justify-content: space-between;
        position: fixed;
        width: 0;
        opacity: 0;
        height: 100%;
        background: var(--black);
        top: 0;
        right: 0;
        overflow-y: scroll;
        overflow-x: hidden;
        visibility: hidden;
        padding: 4rem;
        transition: all 0.3s ease;
        z-index: 999;
}
.background-overlay {
        position: absolute;
        width: 1000rem;
        height: 100vh;
        background: rgba(0, 0, 0, 0.7);
        top: 0;
        right: 0;
        display: none;
}
.toggler:checked+.overlay-menu+.menu>.background-overlay {
        display: initial;
}
.toggler:checked+.overlay-menu+.menu>.menu-overlay {
        visibility: visible;
        width: 44.7rem;
        max-width: 100vw;
        opacity: 1;
}
/* Menu on Desktop */
.nav-desktop {
        display: none;
}
.nav-desktop ul {
        display: flex;
        align-items: center;
}
.nav-desktop ul li {
        font-size: 1.5rem;
        color: var(--white);
        margin-right: 3rem;
        font-weight: 700;
}
.nav-desktop>ul li:last-child {
        width: 1.7rem;
        height: 0.1rem;
        background: var(--white);
        transform: rotate(90deg);
}
.nav-desktop ul li a:hover {
        background: var(--grad1);
```

```css
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
}
.profile-container {
    display: flex;
    cursor: pointer;
    position: relative;
}
.profile-container .profile {
    border-color: var(--white);
}
/* Change profile container elements color on hover and on checked */
.profile-container:hover .profile {
    border-color: var(--red);
}
/* Selects the li with text 'Profile' */
.profile-container ul li:first-child {
    margin-right: 1rem;
}
/* Selects the li that contains the arrow */
.profile-container ul li:last-child {
    margin-right: 0;
}
/* Dropdown menu */
.dropdown-menu {
    width: 16rem;
    height: 8rem;
    position: absolute;
    background: var(--black);
    bottom: -9.5rem;
    right: -2rem;
    border-radius: 0.4rem;
    visibility: hidden;
}
/* Input of type check that will be used to open and close the dropdown menu */
.dropdown-menu-toggler {
    position: absolute;
    width: 100%;
    height: 100%;
    opacity: 0;
    cursor: pointer;
}
/* Arrow on top of the dropdown menu */
.dropdown-menu::before {
    content: "";
    display: block;
    position: absolute;
    width: 0;
    height: 0;
    top: -1.3rem;
    right: 1rem;
    border-left: 1.5rem solid transparent;
    border-right: 1.5rem solid transparent;
    border-bottom: 1.5rem solid var(--black);
}
```

```css
.drpdown-menu ul {
    display: flex;
    flex-direction: column;
    align-items: flex-start;
    justify-content: center;
    padding: 1.4rem;
}
/* Dropdown menu  */
.dropdown-menu ul li {
    margin-bottom: 1rem;
    color: var(--gray1);
}
/* Dropdown menu when the user clicks on 'Profile' */
.dropdown-menu-toggler:checked+.dropdown-menu {
    visibility: visible;   }
```

footer.css

```css
footer {
    background: var(--black);
    padding-top: 3rem;
    padding-bottom: 2rem;
}
.footer-nav {
    padding: 0 1.5rem;
    margin: 0 auto;
}
.company-links, .communities-links {
    margin-bottom: 6rem;
}
.company-links li, .communities-links li, .useful-links li {
    color: var(--white);
    margin-bottom: 2rem;
    font-size: 1.5rem;
    font-weight: 500;
}
.company-links li a:hover, .communities-links li a:hover, .useful-links li a:hover {
    background: var(--grad1);
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
}
.company-links li:first-child, .communities-links li:first-child, .useful-links li:first-child {
    color: var(--gray2);
    font-weight: 700;
    font-size: 1.3rem;
    letter-spacing: 0.5px;
    margin-bottom: 3rem; }
.footer-nav li:last-child {
    margin-bottom: 0; }
.social-icons ul {
    margin-top: 1rem;
    display: flex; }
.social-icons ul li {
    margin-right: 1.5rem;
    padding: 1rem;
    background: #343538;
    border-radius: 50%; }
```

```css
.social-icons i {
    font-size: 2.3rem;
    color: var(--white);
    display: block; }
.social-icons i:hover {
    background: var(--grad);
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
}
.country {
    text-align: right;
    margin-bottom: 1rem;
}
.country a {
    display: inline-block;
}
.country a:hover>span {
    background: var(--grad);
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
}
.country span {
    color: var(--gray2);
    vertical-align: super;
}
.country img {
    width: 2.5rem;
    margin-left: 1rem;
}
.bottom-links {
    display: flex;
    justify-content: space-between;
}

.bottom-links ul {
    display: flex;
    flex-wrap: wrap;
    flex: 1;
}
.bottom-links ul li {
    margin-right: 2.6rem;
    padding: 1rem 0;
}
.bottom-links span {
    padding: 1rem 0;
}
.bottom-links a, .bottom-links span {
    color: var(--gray2);
}
.bottom-links a:hover {
    background: var(--grad1);
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
}
```

media-queries.css

```css
/* Screens width of at least 768px */
@media screen and (min-width: 768px) {
    .hero-title {
        padding-top: 10rem;
        font-size: 5rem;
        color: var(--black);
    }
    .hero-content a i {
        color: var(--black);
    }
    .hero-container {
        padding-top: 0;
        min-height: 64rem;
        display: flex;
        align-items: center;
        justify-content: center;
        background: url('../img/image.jpg');
        background-repeat: no-repeat;
        background-size: cover;
    }
    .hero-title {
        font-size: 6.5rem;
        line-height: 8rem;
        letter-spacing: -0.4rem;
    }
    .hero-button {
        margin-bottom: 0;
    }
    .albums-container {
        width: 75rem;
        margin: 0 auto;
    }
    .albums-cards-container {
        flex-wrap: wrap;
        overflow: visible;
        padding: 5rem 0;
    }
    .album {
        min-width: 0;
        width: 33.33%;
        box-sizing: border-box;
        padding: 0.8rem;
        position: relative;
    }
    .album:first-child,
    .album:last-child {
        padding: 0.8rem;
    }
    .album>img {
        height: 100%;
    }
    .albums-content {
        padding-bottom: 0;
    }
    .albums-content h2 {
        font-size: 4rem;
```

```css
        }
        .album-info {
            position: absolute;
            top: 0;
            right: 0;
            left: 0;
            bottom: 0;
            justify-content: center;
            opacity: 0;
            margin: 0.8rem;
            transition: all 0.4s ease;
            cursor: pointer;
        }
        .album-info h4 {
            margin-top: 0.5rem;
            font-weight: 400;
            letter-spacing: 0.005rem;
        }
        .album-info a {
            position: relative;
            bottom: -2rem;
        }
        .album-info:hover {
            opacity: 1;
            background: rgba(0, 0, 0, 0.8);
        }
        .album-info:hover>h2 {
            color: var(--white);
            white-space: normal;
            overflow: initial;
            text-overflow: initial;
        }
        .footer-nav {
            width: 75rem;
        }
        .top-links {
            display: flex;
            justify-content: space-between;
        }
        .bottom-links ul li {
            font-size: 1.16rem;
        }
        .country span,
        .bottom-links span {
            font-size: 1.2rem;
        }
}
/* Screens that have a width of at least 992px */
@media screen and (min-width: 992px) {
    header {
        background: rgba(0, 0, 0, 0.6);
        height: 8rem;
    }
    .header-container {
        max-width: 97rem;
    }
```

```css
.header-logo img {
    width: 13rem;
}
.nav-desktop {
    display: flex;
    align-items: center;
}
.nav-mobile {
    display: none;
}
.profile {
    width: 4rem;
    height: 4rem;
}
.hero-title {
    font-size: 8rem;
    margin-bottom: 0;
}
.hero-content {
    width: 70%;
}
.hero-button {
    position: relative;
    top: 6rem;
}
.albums-container {
    width: 97rem;
}
.albums-cards-container {
    padding-top: 7rem;
    padding-bottom: 8rem;
}
.albums-content h2 {
    font-size: 4.5rem;
}
.album-info {
    padding: 0 1rem;
}
.album-info h4 {
    font-size: 1.6rem;
}
footer {
    padding-top: 8rem;
    padding-bottom: 5rem;
}
.footer-nav {
    width: 97rem;
    position: relative;
}
.logo-footer,
.top-links,
.social-icons {
    vertical-align: top;
}
.logo-footer {
    display: inline-block;
}
```

```css
            width: 16.666666%;
        }
        .logo-footer img {
            width: 13rem;
        }
        .top-links {
            display: inline-flex;
            width: 50%;
        }
        .social-icons {
            display: inline-block;
            margin: 0 1.5rem 0 auto;
            padding-top: 0;
            position: absolute;
            top: 0;
            right: 0;
        }
        .social-icons ul li {
            padding: 1.5rem;
        }
}
/* These styles will be applied to screens that have a width of at least 1200px */
@media screen and (min-width: 1200px) {
        .header-container {
            max-width: 117rem;     }
        .hero-button {
            top: 5rem;     }
        .albums-container {
            width: 117rem;     }
        .album-info h2 {
            font-size: 3rem;     }
        .album-info h4 {
            font-size: 1.8rem;     }
        .footer-nav {
            width: 117rem;     }
}
```

OUTPUT:
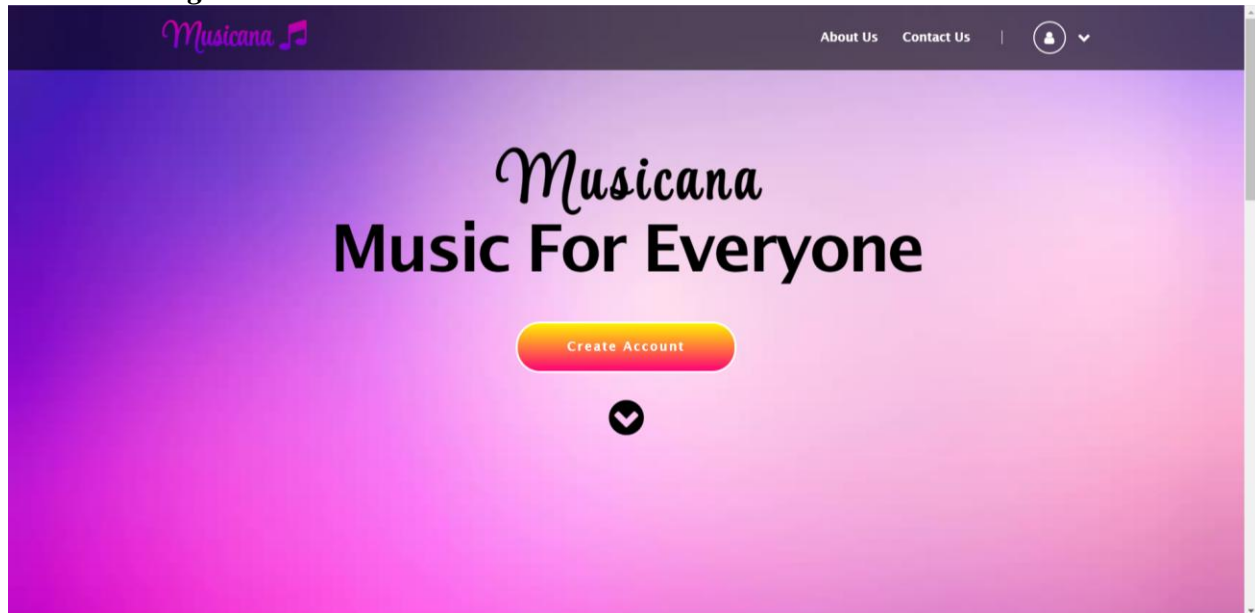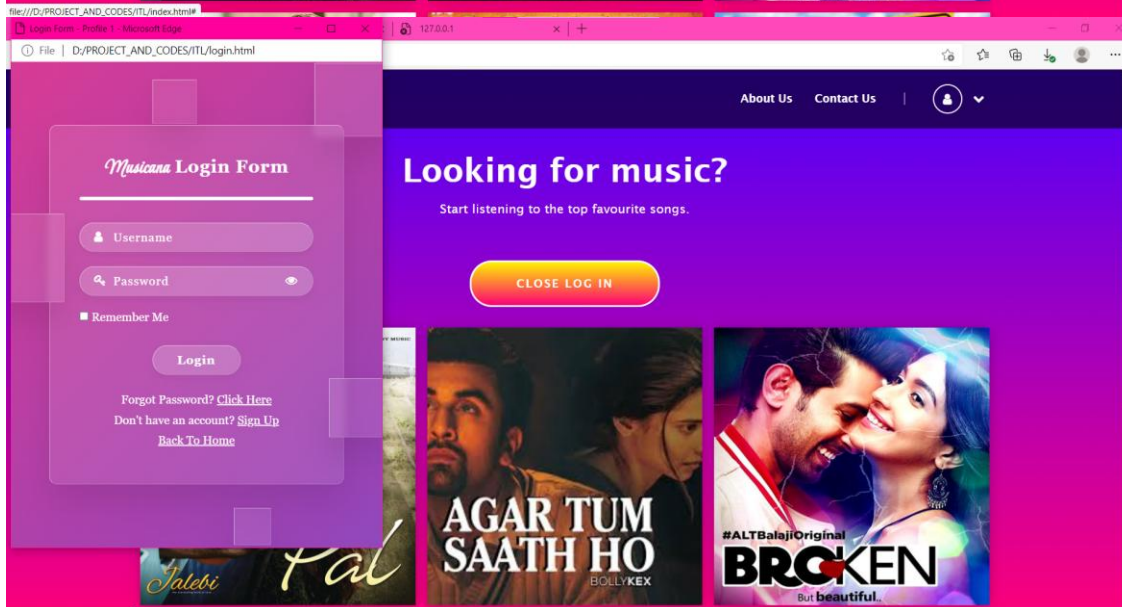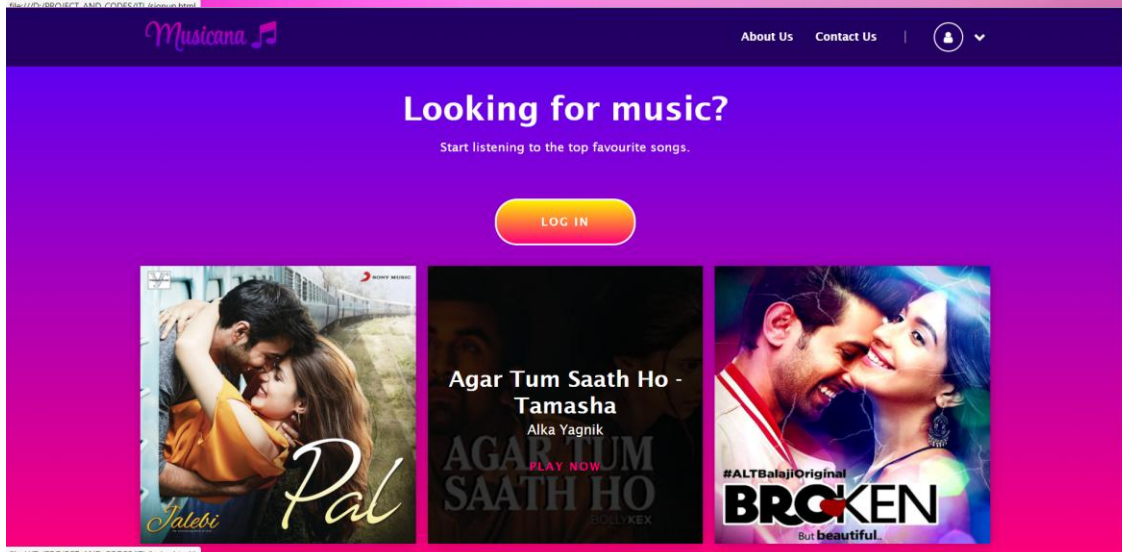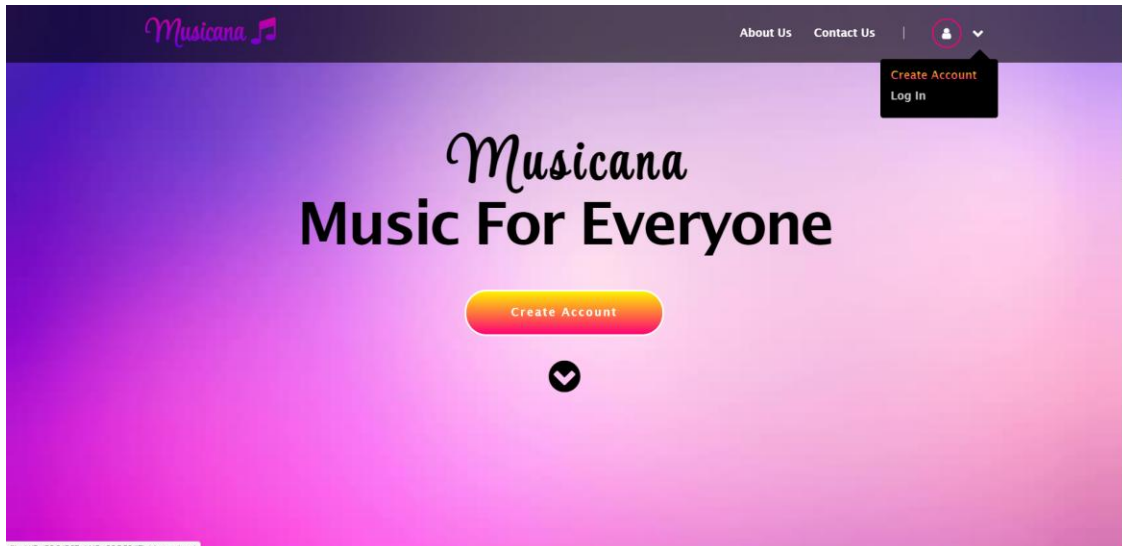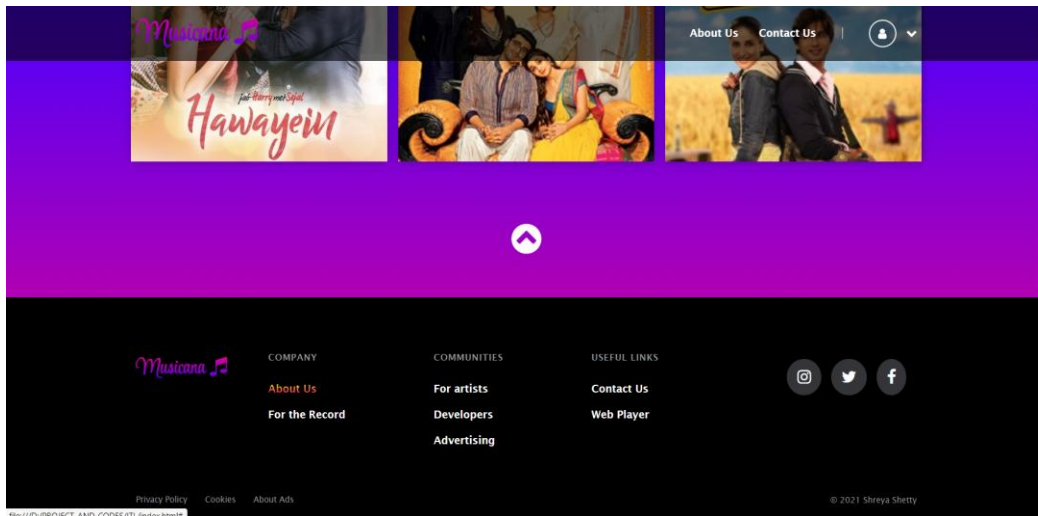
### *home.html Page :*
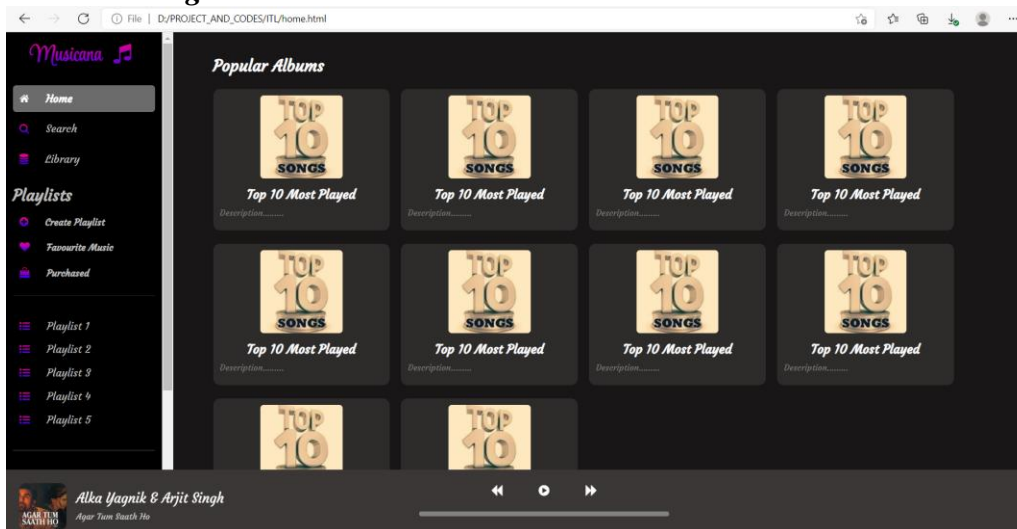
search.html Page :
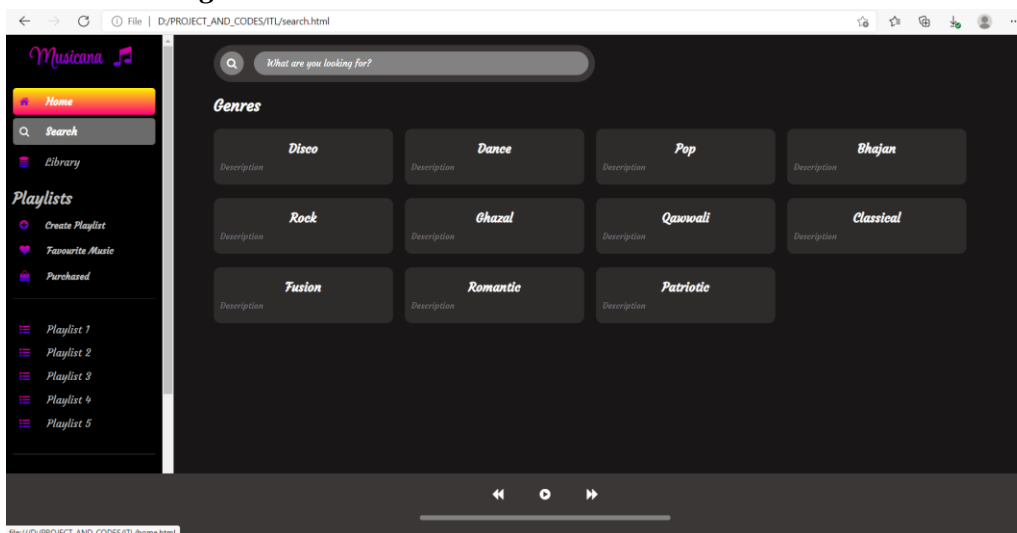
library.html Page :
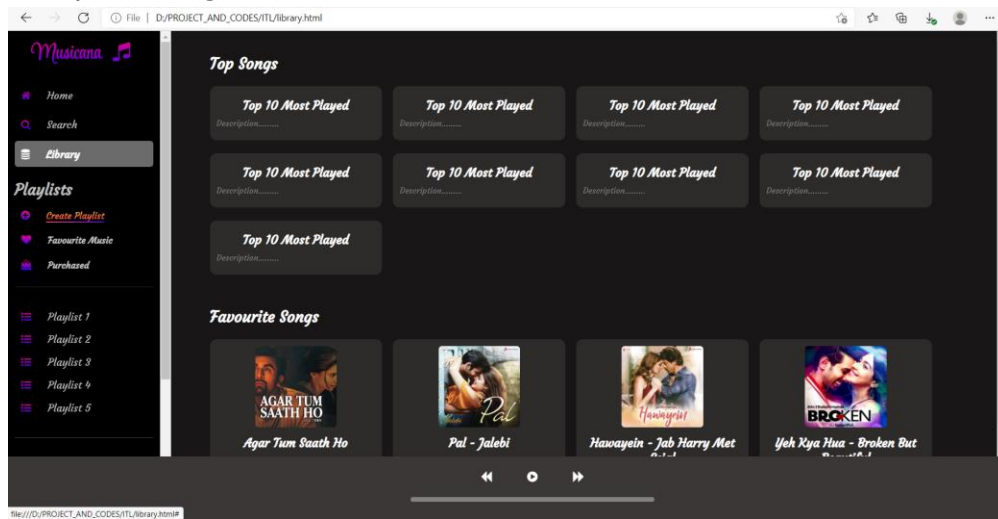
signup.html Page :
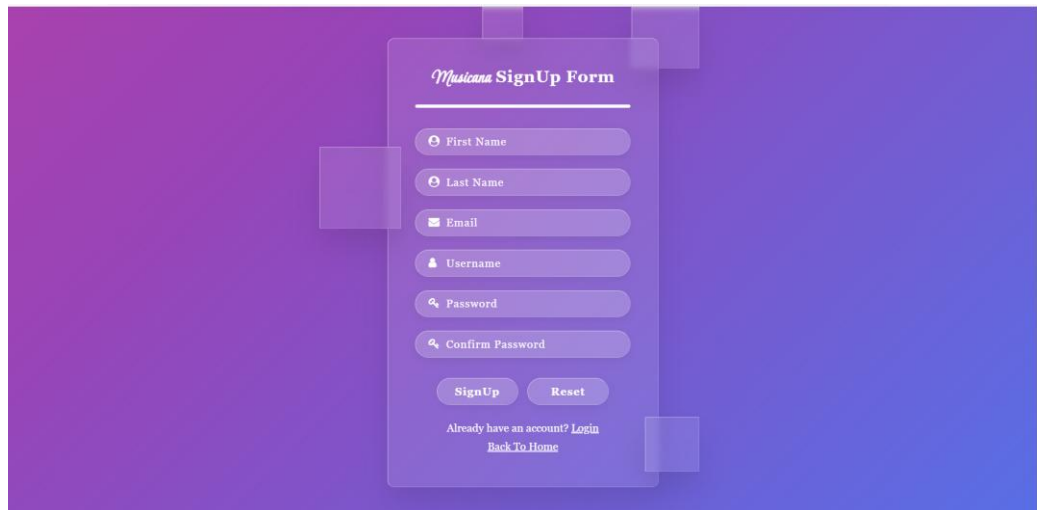
login.html Page :
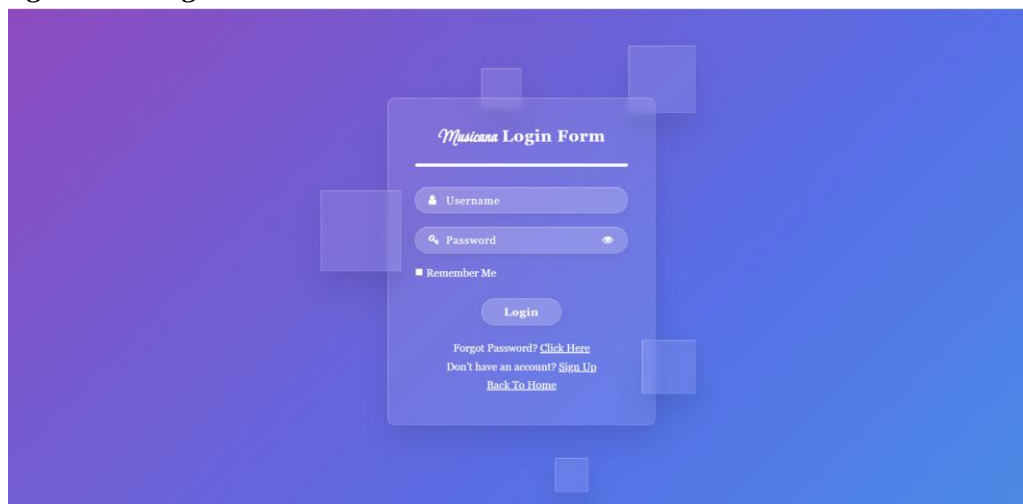
CONCLUSION:

Hence, in this experiment, I was able to design WebPages using HTML, CSS and JavaScript. I have implemented all the elements of HTML and CSS given, and have also used the following JavaScript Objects – DOM, BOM, Math, String, Array, JSON, Error, Date, Cookies. I have validated form details using JavaScript. Also, I have added JS snippet in all 3 ways (Inline, Embedding and external).

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