



VISUAL PROGRAMMING

SEN233

Php final project

DEPARTMENT OF SOFTWARE ENG

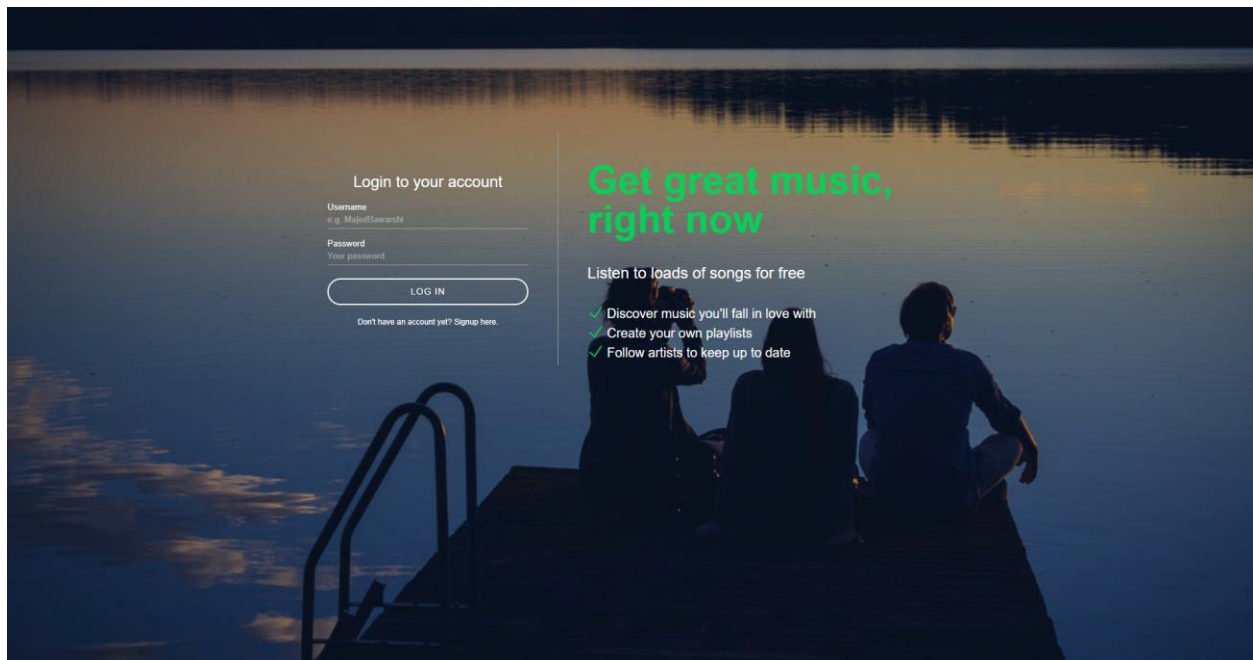
Majed Bawarshi

B1605.090072

2018-2019

Website:

Index login page:

The login page features a background image of three people sitting on a pier at sunset. On the left, there is a login form titled "Login to your account". It includes fields for "Username" (with a hint "e.g. MajedLawarshi") and "Password" (with a hint "Your password"). Below these fields is a "LOG IN" button. A link "Don't have an account yet? Sign up here." is located below the button. On the right, there is a green heading "Get great music, right now". Below this heading, it says "Listen to loads of songs for free" followed by a list of three benefits: "Discover music you'll fall in love with", "Create your own playlists", and "Follow artists to keep up to date", each preceded by a green checkmark.

Login to your account

Username
e.g. MajedLawarshi

Password
Your password

LOG IN

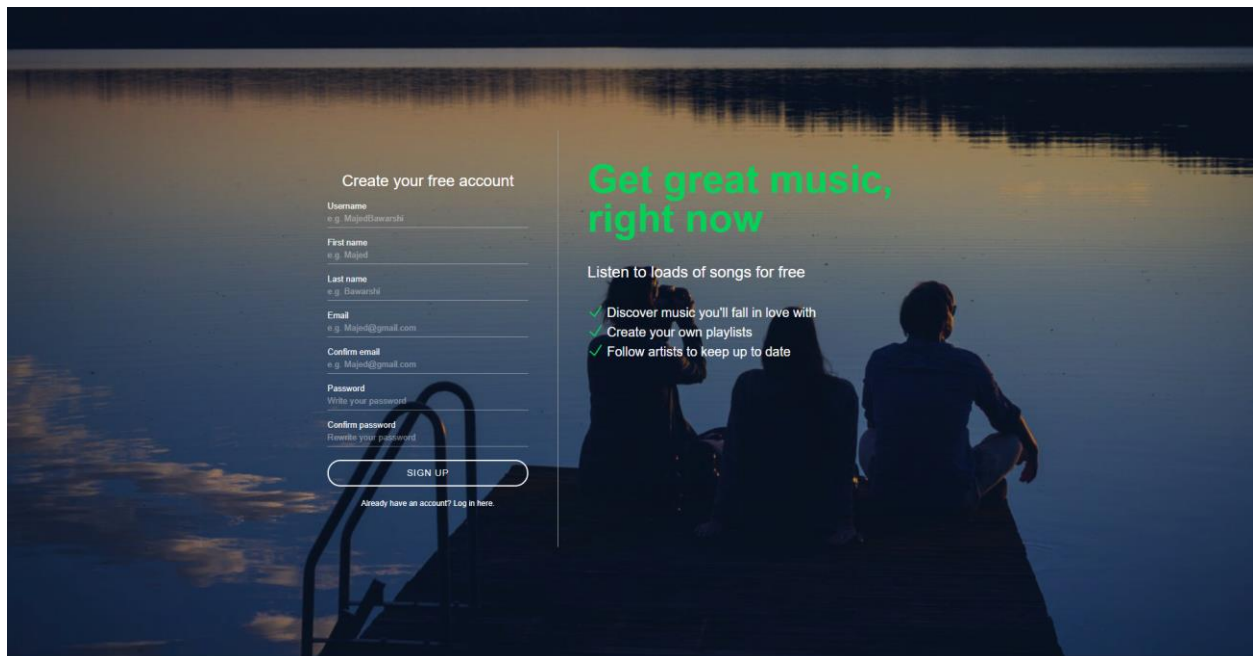
Don't have an account yet? Sign up here.

Get great music,
right now

Listen to loads of songs for free

- ✓ Discover music you'll fall in love with
- ✓ Create your own playlists
- ✓ Follow artists to keep up to date

Index register page:

The register page features the same background image as the login page. On the left, there is a registration form titled "Create your free account". It includes fields for "Username" (with a hint "e.g. MajedLawarshi"), "First name" (with a hint "e.g. Majed"), "Last name" (with a hint "e.g. Lawarshi"), "Email" (with a hint "e.g. Majed@gmail.com"), "Confirm email" (with a hint "e.g. Majed@gmail.com"), "Password" (with a hint "Write your password"), and "Confirm password" (with a hint "Rewrite your password"). Below these fields is a "SIGN UP" button. A link "Already have an account? Log in here." is located below the button. On the right, there is a green heading "Get great music, right now". Below this heading, it says "Listen to loads of songs for free" followed by a list of three benefits: "Discover music you'll fall in love with", "Create your own playlists", and "Follow artists to keep up to date", each preceded by a green checkmark.

Create your free account

Username
e.g. MajedLawarshi

First name
e.g. Majed

Last name
e.g. Lawarshi

Email
e.g. Majed@gmail.com

Confirm email
e.g. Majed@gmail.com

Password
Write your password

Confirm password
Rewrite your password

SIGN UP

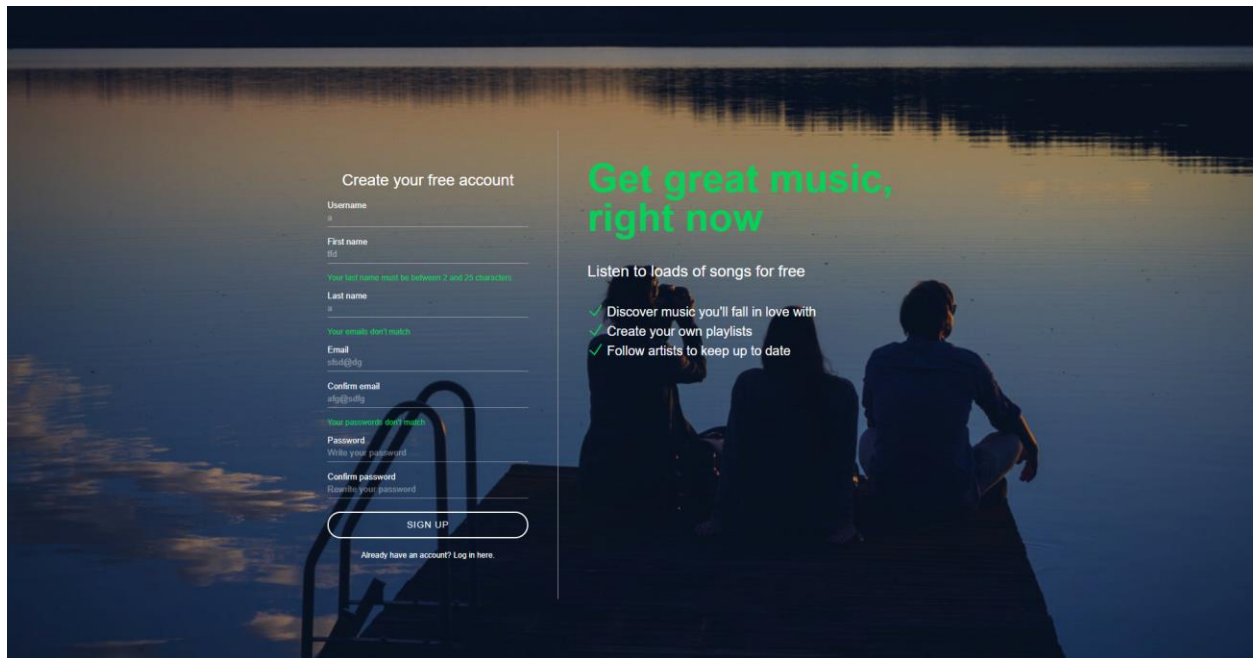
Already have an account? Log in here.

Get great music,
right now

Listen to loads of songs for free

- ✓ Discover music you'll fall in love with
- ✓ Create your own playlists
- ✓ Follow artists to keep up to date

Error messages if any input was incorrect during register process:



The image shows a registration form titled "Create your free account" overlaid on a background image of three people sitting on a pier looking out at a sunset over water. The form fields and their associated error messages are:

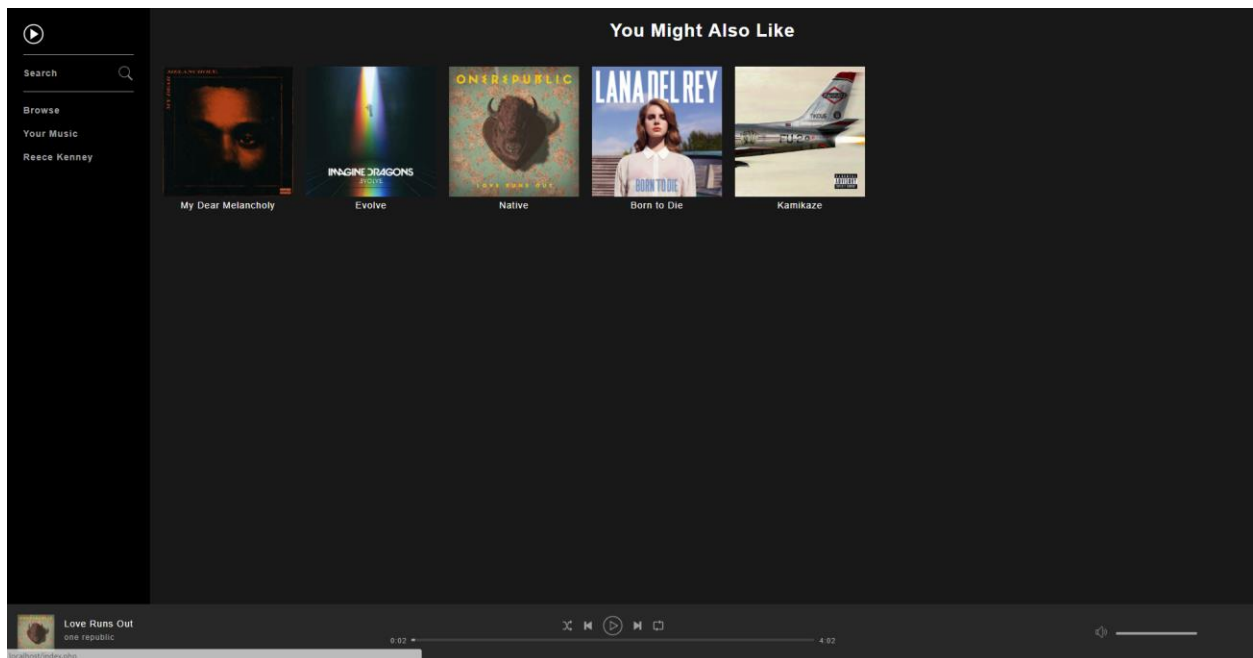
- Username:** "a" (no error message)
- First name:** "ds" (error: "Your first name must be between 2 and 25 characters")
- Last name:** "" (no error message)
- Email:** "ad@ad@ad" (error: "Your emails don't match")
- Confirm email:** "ad@ad@ad" (error: "Your passwords don't match")
- Password:** "Wkde your password" (no error message)
- Confirm password:** "Wkde your password" (no error message)

Below the fields is a "SIGN UP" button and a link: "Already have an account? Log in here."

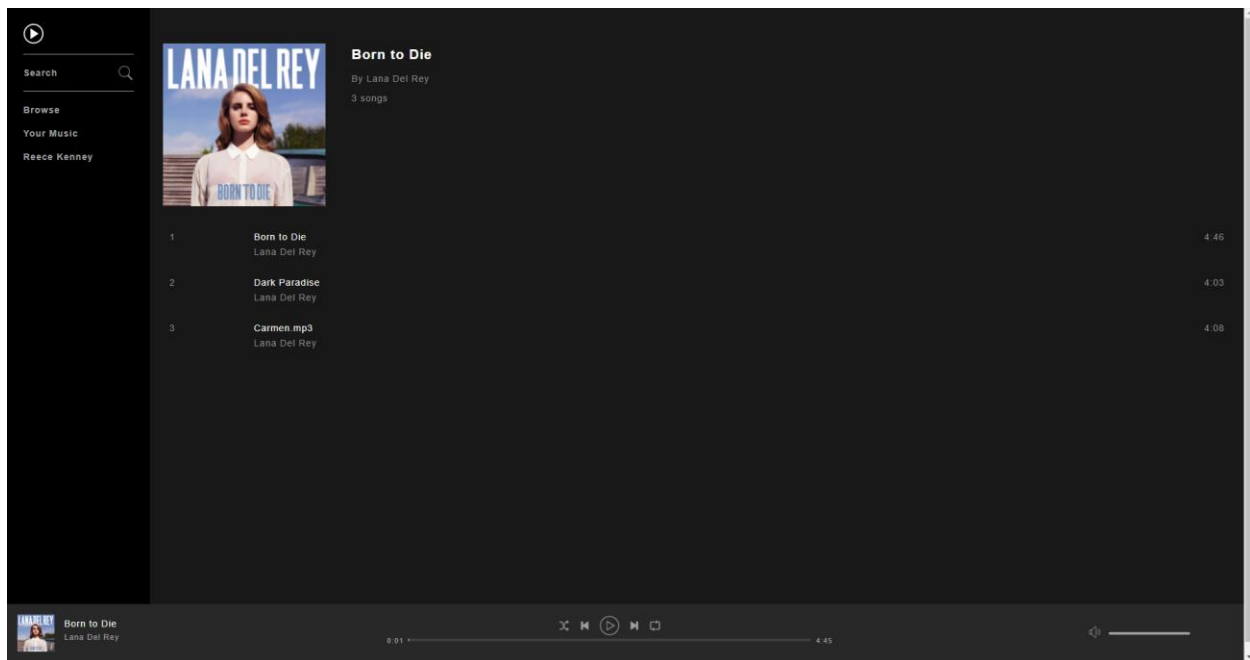
To the right of the form, there is a green heading "Get great music, right now" and a section titled "Listen to loads of songs for free" with three bullet points:

- ✓ Discover music you'll fall in love with
- ✓ Create your own playlists
- ✓ Follow artists to keep up to date

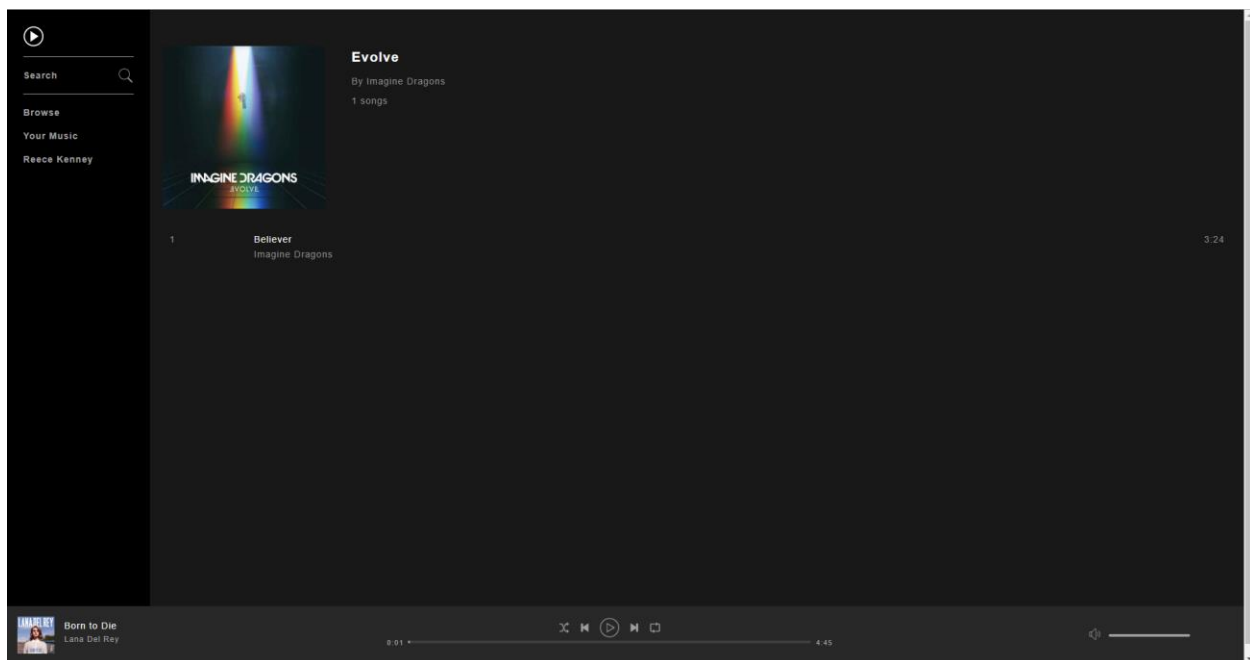
Index page:



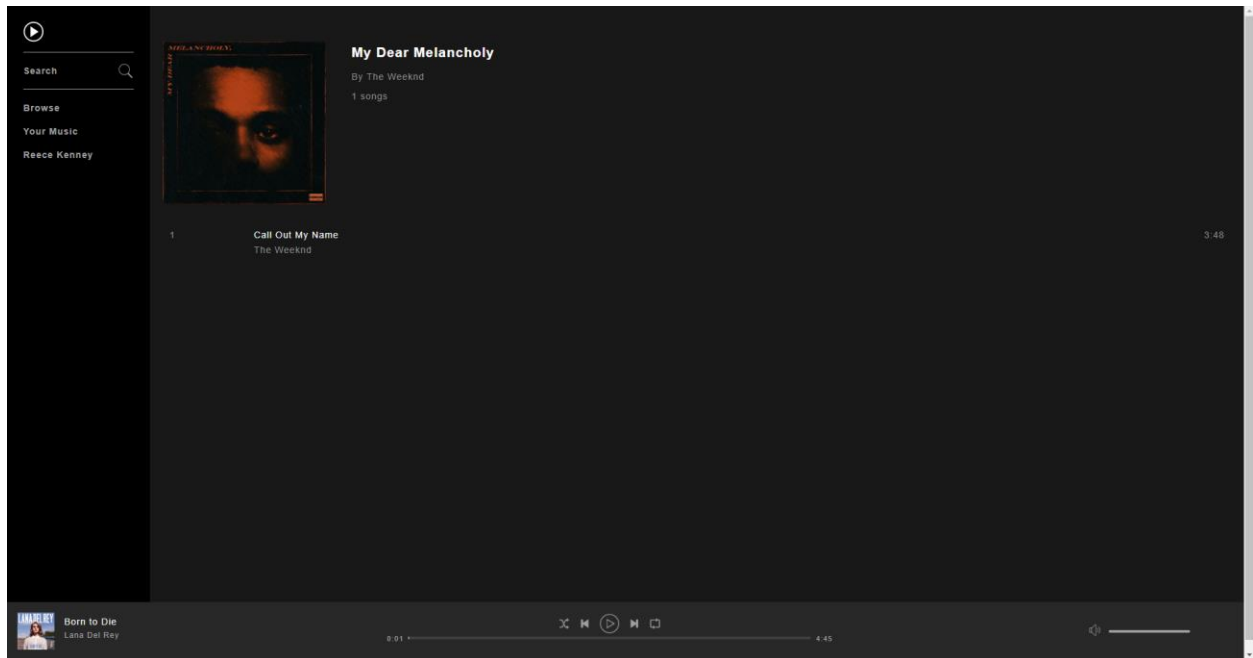
1st album:



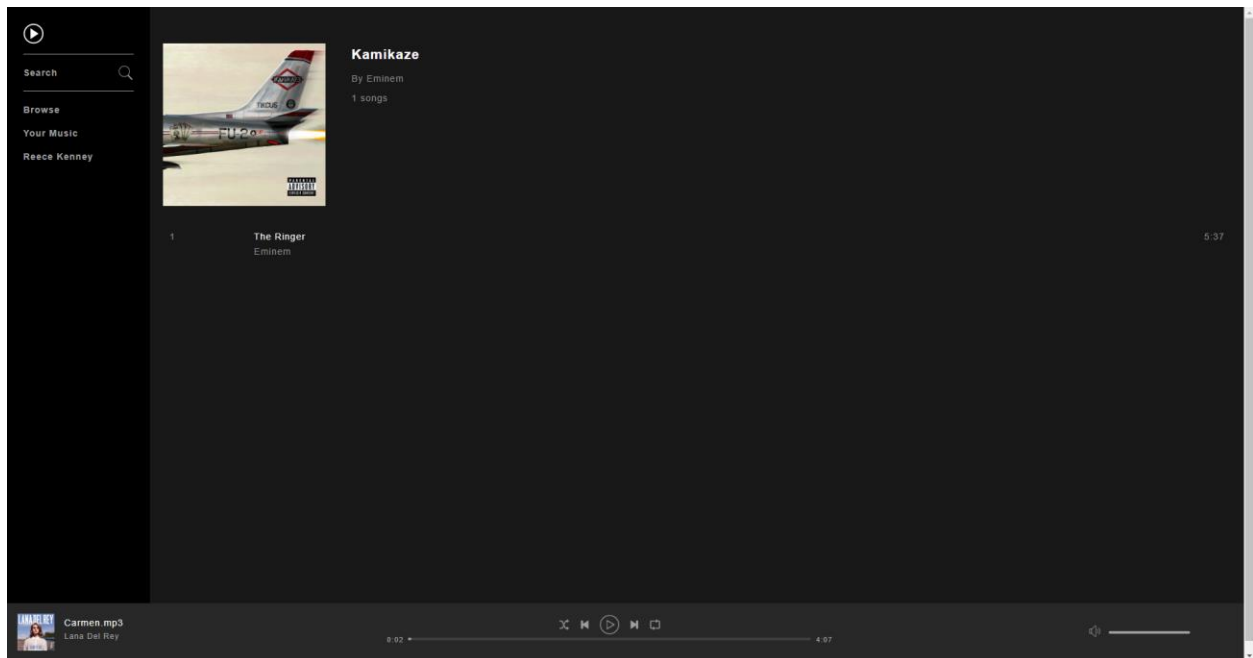
2nd album:



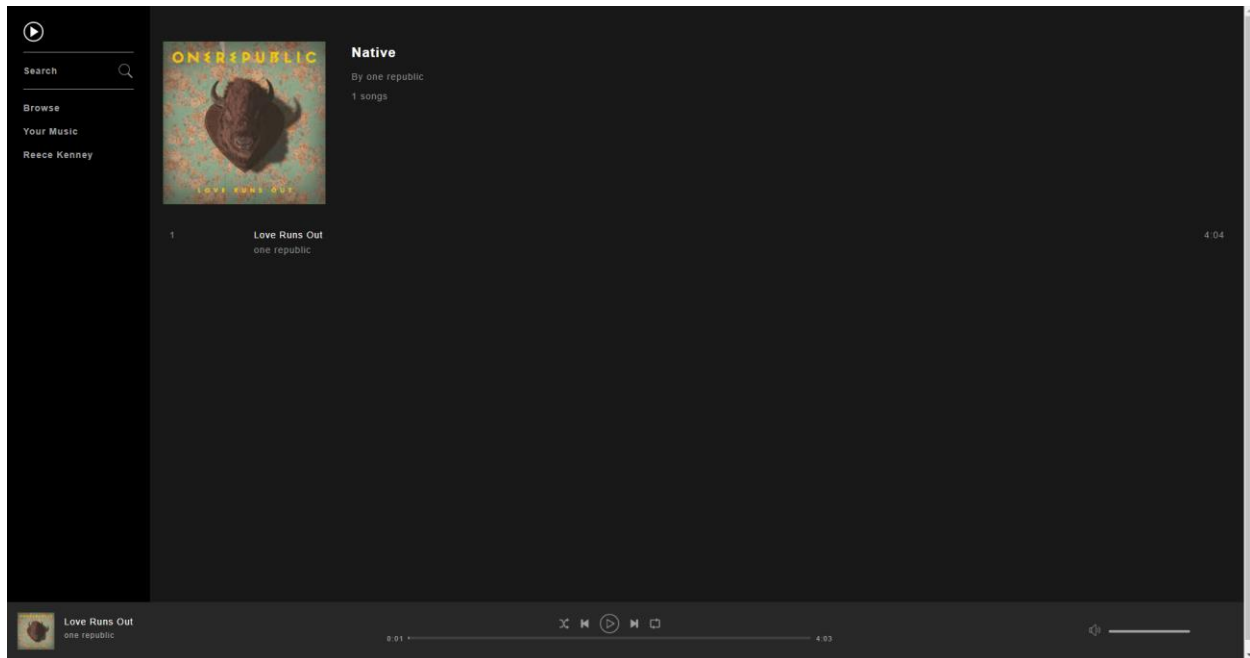
3rd album:



4th album:

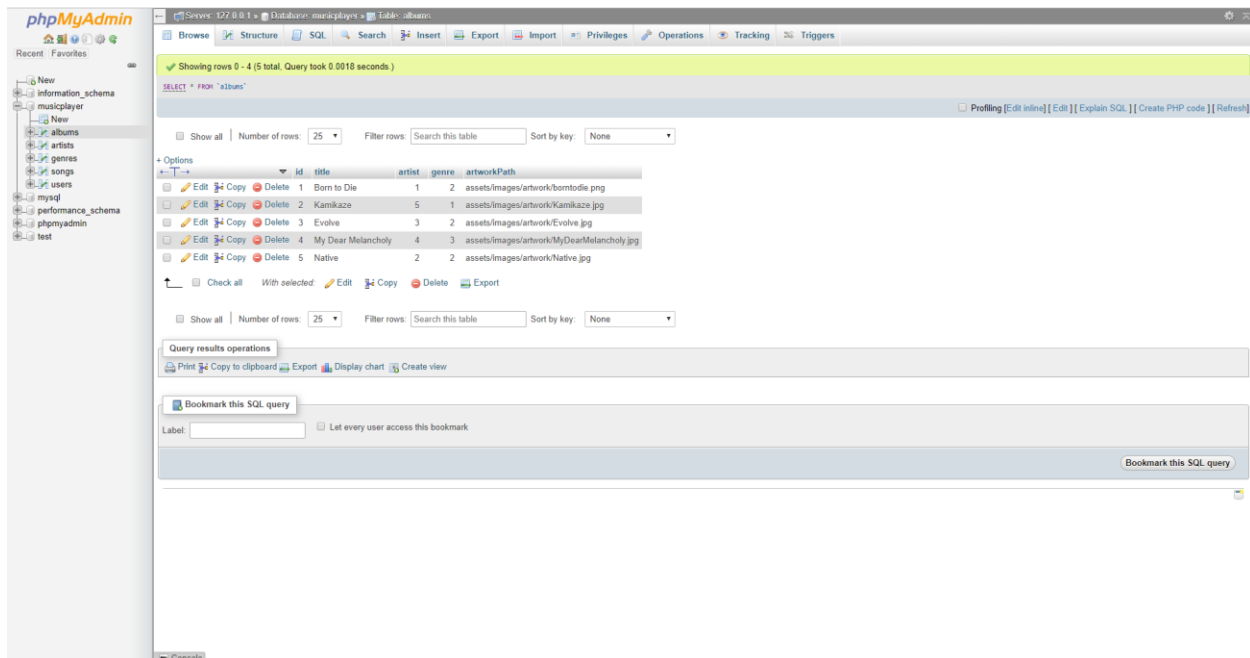


5th album:



Database tables:

Album table



Artists table:

The screenshot shows the phpMyAdmin interface for the 'musicplayer' database. The 'Artists' table is selected, and the 'Structure' tab is active. The table has 5 rows of data. The left sidebar shows the database structure, including 'information_schema', 'musicplayer', 'mysql', 'performance_schema', 'phpmyadmin', and 'test'. The main panel displays the table structure with columns 'id' and 'name'. Below the structure, the data rows are listed with their respective IDs and names. The bottom section shows query results operations and a bookmarking option.

| id | name |
|----|-----------------|
| 1 | Lana Del Rey |
| 2 | one republic |
| 3 | Imagine Dragons |
| 4 | The Weeknd |
| 5 | Eminem |

Genres table:

The screenshot shows the phpMyAdmin interface for the 'musicplayer' database. The 'genres' table is selected, and the 'Structure' tab is active. The table has 3 rows of data. The left sidebar shows the database structure, including 'information_schema', 'musicplayer', 'mysql', 'performance_schema', 'phpmyadmin', and 'test'. The main panel displays the table structure with columns 'id' and 'name'. Below the structure, the data rows are listed with their respective IDs and names. The bottom section shows query results operations and a bookmarking option.

| id | name |
|----|----------|
| 1 | Rap |
| 2 | Pop |
| 3 | R&B/Soul |

Songs table:

The screenshot shows the phpMyAdmin interface for the 'songs' table. The table has 7 rows of data. The columns are: id, title, artist, album, genre, duration, path, albumOrder, and plays. The data is as follows:

| id | title | artist | album | genre | duration | path | albumOrder | plays |
|----|------------------|--------|-------|-------|----------|--------------------------------|------------|-------|
| 1 | Call Out My Name | 4 | 4 | 3 | 3:48 | assets/music/CallOutMyName.mp3 | 1 | 23 |
| 2 | Believer | 3 | 3 | 2 | 3:24 | assets/music/Believer.mp3 | 3 | 29 |
| 3 | Born to Die | 1 | 1 | 2 | 4:46 | assets/music/BornToDie.mp3 | 1 | 63 |
| 4 | Love Runs Out | 2 | 5 | 2 | 4:04 | assets/music/LoveRunsOut.mp3 | 1 | 32 |
| 5 | The Ringer | 5 | 2 | 1 | 5:37 | assets/music/TheRinger.mp3 | 1 | 27 |
| 6 | Dark Paradise | 1 | 1 | 2 | 4:03 | assets/music/DarkParadise.mp3 | 2 | 48 |
| 7 | Carmen.mp3 | 1 | 1 | 2 | 4:08 | assets/music/Carmen.mp3 | 3 | 28 |

Users table:

The screenshot shows the phpMyAdmin interface for the 'users' table. The table has 4 rows of data. The columns are: id, userName, firstName, lastName, email, password, signUpDate, and profilePic. The data is as follows:

| id | userName | firstName | lastName | email | password | signUpDate | profilePic |
|----|----------------|-----------|----------|-------------------------|----------------------------------|---------------------|---|
| 1 | maje@bawarshi | Maje | Bawarshi | Maje4@gmail.com | 3c1d3ca77a9407d45848951d380584 | 2018-12-18 00:00:00 | assets/images/profile-pics/head_emerald.png |
| 2 | maje@bawarshi1 | Majd | Majd | MajdBawarshi1@gmail.com | 14a816a260011c3d2160257cecd88d | 2018-12-19 00:00:00 | assets/images/profile-pics/head_emerald.png |
| 3 | maje@bawarshi2 | Maje | Bawarshi | Maje@bawarshi@gmail.com | cdab45d8a5f6c08aa40a40d25676880d | 2018-12-20 00:00:00 | assets/images/profile-pics/head_emerald.png |
| 4 | hasan | Sidawi | Haji | Hasan@gmail.com | dcad772c32c08489970b0c0673640 | 2018-12-20 00:00:00 | assets/images/profile-pics/head_emerald.png |

Index page:


```

1 <?php include("../includes/header.php");
2
3 ?>
4
5 <div class="page-wrapper">You Might Also Like</div>
6
7 <div class="grid-container">
8
9 <?php
10
11 $albumQuery = mysql_query($conn, "SELECT * FROM albums ORDER BY RAND() LIMIT 10");
12
13 while($row = mysql_fetch_array($albumQuery)) {
14
15
16
17     echo "<div class='grid-item'>
18
19         <img alt='album photo' - '$row['id']' - ">
20
21         <img alt=' - '$row['albumPath']' - ">
22
23         <div class='grid-item'>
24             <div>
25                 <div>
26
27                     </div>
28
29                 </div>
30
31             </div>
32
33         </div>
34
35 <?php include("../includes/footer.php"); ?>

```

This page is responsible for displaying all the tables available in the database:

```

1 <?php include("includes/header.php");
2
3 <{isset($_GET['id']) ? :
4 } $albumId = $_GET['id'];
5
6 <else {
7 header('location: index.php');
8 }
9
10 $album = new Album($conn, $albumId);
11 $artist = $album->getArtist();
12
13
14 <div class="writing-mode">
15
16 <div class="left-column">
17 
21 <div class="album-getTitle"; ?></?>
22 <div class="artist->getName(); ?></?>
23 <div class="album->getTitleOfSong(); ?> song(p)
24
25 </div>
26
27 </div>
28
29 <div class="track//contentarea">
30 <div class="track">
31
32 <div class="array = $album->getSongs();
33
34 $i = 0;
35 foreach($songsArray as $songId) {
36
37 $albumSong = new Song($conn, $songId);
38 $albumTrack = $albumSong->getTitle();
39
40 <div class="trackHeader">
41 <div class="trackDuration">
42 <div class="play" src=assets/images/icon/play-white.png" onclick="setTrack()" - "&"; tempPlayList, true">
43 <div class="trackNumber">$i</div>
44
45
46 <div class="trackId">
47 <div class="trackName"> - $albumSong->getTitle() . "</div>
48 <div class="trackTime"> - $albumTrack->getTime() . "</div>
49 </div>
50
51 <div class="trackImage">
52 <div class="trackThumbnail" src=assets/images/icon/music.png">
53
54 <div class="trackDuration">
55 <div class="duration"> - $albumSong->getDuration() . "</div>
56
57
58 </div>
59
60 } $i = $i + 1;
61
62 }
63
64 <script>
65 var songsList = [?php echo json_encode($songsArray); ?>;
66 tempPlayList = 0; var set(songsList);
67 </script>
68
69 </div>
70 </div>
71
72 <?php include("includes/footer.php"); ?>

```

Rigester page:

[illegible]

Php Handler:

```

1  <?php
2  ▼ if(isset($_POST['loginButton'])) {
3      //Login button was pressed
4      $username = $_POST['loginUsername'];
5      $password = $_POST['loginPassword'];
6      //check if the username and password is correct
7      $result = $account->login($username, $password);
8      //login function
9  ▼ if($result == true) {
10     $_SESSION['userLoggedIn'] = $username;
11     header("Location: index.php");
12 }
13
14 }
15 ?>

```

Login Account validation php classes:


```

1  <?php
2  //this function will remove all tags from entered password in order to make our website secure
3  v function sanitizeFormPassword($inputText) {
4      $inputText = strip_tags($inputText);
5      return $inputText;
6  }
7  //this function remove tags and spaces
8  v function sanitizeFormUsername($inputText) {
9      $inputText = strip_tags($inputText);
10     $inputText = str_replace(" ", "", $inputText);
11     return $inputText;
12 }
13 //this function remove tags and spaces and make the first letter upper case
14 v function sanitizeFormString($inputText) {
15     $inputText = strip_tags($inputText);
16     $inputText = str_replace(" ", "", $inputText);
17     $inputText = ucfirst(strtolower($inputText));
18     return $inputText;
19 }
20
21
22 v if(isset($_POST['registerButton'])) {
23     //Register button was pressed
24     $username = sanitizeFormUsername($_POST['username']);
25     $firstName = sanitizeFormString($_POST['firstName']);
26     $lastName = sanitizeFormString($_POST['lastName']);
27     $email = sanitizeFormString($_POST['email']);
28     $email2 = sanitizeFormString($_POST['email2']);
29     $password = sanitizeFormPassword($_POST['password']);
30     $password2 = sanitizeFormPassword($_POST['password2']);
31
32     $wasSuccessful = $account->register($username, $firstName, $lastName, $email, $email2, $password, $password2);
33
34     v if($wasSuccessful == true) {
35         header("Location: ../index.php");
36     }
37 }
38
39
40
41 ?>

```

General style:

```
1 .html, body {
2   padding: 0;
3   margin: 0;
4   height: 100%;
5 }
6
7 * {
8   font-family: "Helvetica Neue", helvetica, Arial, sans-serif;
9   color: #fff;
10  letter-spacing: 1px;
11 }
12
13 body {
14   background-color: #000000;
15   font-size: 16px;
16   width: 100%;
17 }
18
19 <!-- Player Controls Container -->
20 <div>
21   width: 100%;
22   background-color: #000000;
23   height: 40px;
24   position: fixed;
25   bottom: 0;
26   z-index: 1000;
27 </div>
28
29 <!-- Player Controls -->
30 <div>
31   height: 100%;
32   width: 100%;
33   position: relative;
34 </div>
35
36 <!-- Progress Bar -->
37 <div>
38   position: relative;
39   height: 10px;
40   width: 100%;
41 </div>
42
43 <!-- Play/Pause Button -->
44 <div>
45   width: 40px;
46   height: 40px;
47   background-color: #000000;
48   border: 1px solid #fff;
49   position: absolute;
50   left: 10px;
51   top: 10px;
52 </div>
53
54 <!-- Progress Slider -->
55 <div>
56   width: 100%;
57   height: 10px;
58   position: absolute;
59   left: 50px;
60   top: 5px;
61 </div>
62
63 <!-- Volume Control -->
64 <div>
65   width: 40px;
66   height: 40px;
67   background-color: #000000;
68   border: 1px solid #fff;
69   position: absolute;
70   right: 10px;
71   top: 10px;
72 </div>
73
74 <!-- Fullscreen Button -->
75 <div>
76   width: 40px;
77   height: 40px;
78   background-color: #000000;
79   border: 1px solid #fff;
80   position: absolute;
81   right: 10px;
82   top: 50px;
83 </div>
84
85 <!-- Progress Bar Label -->
86 <div>
87   width: 100%;
88   height: 10px;
89   position: absolute;
90   left: 50px;
91   top: 5px;
92 </div>
93
94 <!-- Play/Pause Button Label -->
95 <div>
96   width: 40px;
97   height: 40px;
98   background-color: #000000;
99   border: 1px solid #fff;
100  position: absolute;
101  left: 10px;
102  top: 10px;
103 </div>
104
105 <!-- Progress Slider Label -->
106 <div>
107   width: 100%;
108   height: 10px;
109   position: absolute;
110  left: 50px;
111  top: 5px;
112 </div>
113
114 <!-- Volume Control Label -->
115 <div>
116   width: 40px;
117   height: 40px;
118   background-color: #000000;
119   border: 1px solid #fff;
120   position: absolute;
121  right: 10px;
122  top: 10px;
123 </div>
124
125 <!-- Fullscreen Button Label -->
126 <div>
127   width: 40px;
128   height: 40px;
129   background-color: #000000;
130   border: 1px solid #fff;
131   position: absolute;
132  right: 10px;
133  top: 50px;
134 </div>
135
136 <!-- Progress Bar Label -->
137 <div>
138   width: 100%;
139   height: 10px;
140   position: absolute;
141  left: 50px;
142  top: 5px;
143 </div>
144
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151   position: absolute;
152  left: 10px;
153  top: 10px;
154 </div>
155
156 <!-- Progress Slider Label -->
157 <div>
158   width: 100%;
159   height: 10px;
160   position: absolute;
161  left: 50px;
162  top: 5px;
163 </div>
164
165 <!-- Volume Control Label -->
166 <div>
167   width: 40px;
168   height: 40px;
169   background-color: #000000;
170   border: 1px solid #fff;
171   position: absolute;
172  right: 10px;
173  top: 10px;
174 </div>
175
176 <!-- Fullscreen Button Label -->
177 <div>
178   width: 40px;
179   height: 40px;
180   background-color: #000000;
181   border: 1px solid #fff;
182   position: absolute;
183  right: 10px;
184  top: 50px;
185 </div>
186
187 <!-- Progress Bar Label -->
188 <div>
189   width: 100%;
190   height: 10px;
191   position: absolute;
192  left: 50px;
193  top: 5px;
194 </div>
195
196 <!-- Play/Pause Button Label -->
197 <div>
198   width: 40px;
199   height: 40px;
200   background-color: #000000;
201   border: 1px solid #fff;
202   position: absolute;
203  left: 10px;
204  top: 10px;
205 </div>
206
207 <!-- Progress Slider Label -->
208 <div>
209   width: 100%;
210   height: 10px;
211   position: absolute;
212  left: 50px;
213  top: 5px;
214 </div>
215
216 <!-- Volume Control Label -->
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219   height: 40px;
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221   border: 1px solid #fff;
222   position: absolute;
223  right: 10px;
224  top: 10px;
225 </div>
226
227 <!-- Fullscreen Button Label -->
228 <div>
229   width: 40px;
230   height: 40px;
231   background-color: #000000;
232   border: 1px solid #fff;
233   position: absolute;
234  right: 10px;
235  top: 50px;
236 </div>
237
238 <!-- Progress Bar Label -->
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240   width: 100%;
241   height: 10px;
242   position: absolute;
243  left: 50px;
244  top: 5px;
245 </div>
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251   background-color: #000000;
252   border: 1px solid #fff;
253   position: absolute;
254  left: 10px;
255  top: 10px;
256 </div>
257
258 <!-- Progress Slider Label -->
259 <div>
260   width: 100%;
261   height: 10px;
262   position: absolute;
263  left: 50px;
264  top: 5px;
265 </div>
266
267 <!-- Volume Control Label -->
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269   width: 40px;
270   height: 40px;
271   background-color: #000000;
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273   position: absolute;
274  right: 10px;
275  top: 10px;
276 </div>
277
278 <!-- Fullscreen Button Label -->
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281   height: 40px;
282   background-color: #000000;
283   border: 1px solid #fff;
284   position: absolute;
285  right: 10px;
286  top: 50px;
287 </div>
288
289 <!-- Progress Bar Label -->
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291   width: 100%;
292   height: 10px;
293   position: absolute;
294  left: 50px;
295  top: 5px;
296 </div>
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306  top: 10px;
307 </div>
308
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311   width: 100%;
312   height: 10px;
313   position: absolute;
314  left: 50px;
315  top: 5px;
316 </div>
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318 <!-- Volume Control Label -->
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322   background-color: #000000;
323   border: 1px solid #fff;
324   position: absolute;
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326  top: 10px;
327 </div>
328
329 <!-- Fullscreen Button Label -->
330 <div>
331   width: 40px;
332   height: 40px;
333   background-color: #000000;
334   border: 1px solid #fff;
335   position: absolute;
336  right: 10px;
337  top: 50px;
338 </div>
339
340 <!-- Progress Bar Label -->
341 <div>
342   width: 100%;
343   height: 10px;
344   position: absolute;
345  left: 50px;
346  top: 5px;
347 </div>
348
349 <!-- Play/Pause Button Label -->
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351   width: 40px;
352   height: 40px;
353   background-color: #000000;
354   border: 1px solid #fff;
355   position: absolute;
356  left: 10px;
357  top: 10px;
358 </div>
359
360 <!-- Progress Slider Label -->
361 <div>
362   width: 100%;
363   height: 10px;
364   position: absolute;
365  left: 50px;
366  top: 5px;
367 </div>
368
369 <!-- Volume Control Label -->
370 <div>
371   width: 40px;
372   height: 40px;
373   background-color: #000000;
374   border: 1px solid #fff;
375   position: absolute;
376  right: 10px;
377  top: 10px;
378 </div>
379
380 <!-- Fullscreen Button Label -->
381 <div>
382   width: 40px;
383   height: 40px;
384   background-color: #000000;
385   border: 1px solid #fff;
386   position: absolute;
387  right: 10px;
388  top: 50px;
389 </div>
390
391 <!-- Progress Bar Label -->
392 <div>
393   width: 100%;
394   height: 10px;
395   position: absolute;
396  left: 50px;
397  top: 5px;
398 </div>
399
400 <!-- Play/Pause Button Label -->
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402   width: 40px;
403   height: 40px;
404   background-color: #000000;
405   border: 1px solid #fff;
406   position: absolute;
407  left: 10px;
408  top: 10px;
409 </div>
410
411 <!-- Progress Slider Label -->
412 <div>
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414   height: 10px;
415   position: absolute;
416  left: 50px;
417  top: 5px;
418 </div>
419
420 <!-- Volume Control Label -->
421 <div>
422   width: 40px;
423   height: 40px;
424   background-color: #000000;
425   border: 1px solid #fff;
426   position: absolute;
427  right: 10px;
428  top: 10px;
429 </div>
430
431 <!-- Fullscreen Button Label -->
432 <div>
433   width: 40px;
434   height: 40px;
435   background-color: #000000;
436   border: 1px solid #fff;
437   position: absolute;
438  right: 10px;
439  top: 50px;
440 </div>
441
442 <!-- Progress Bar Label -->
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998   position: absolute;
999  right: 10px;
1000  top: 50px;
1001 </div>
```


General JavaScript:

```
1  var currentPlaylist = [];
2  var shufflePlaylist = [];
3  var tempPlaylist = [];
4  var audioElement;
5  var mouseDown = false;
6  var currentIndex = 0;
7  var repeat = false;
8  var shuffle = false;
9
10
11  function formatTime(seconds) {
12      var time = Math.round(seconds);
13      var minutes = Math.floor(time / 60); //Rounds down
14      var seconds = time - (minutes * 60);
15
16      var extraZero = (seconds < 10) ? "0" : "";
17
18      return minutes + ":" + extraZero + seconds;
19  }
20
21  function updateTimeProgressBar(audio) {
22      $(".progressTime.current").text(formatTime(audio.currentTime));
23      $(".progressTime.remaining").text(formatTime(audio.duration - audio.currentTime));
24
25      var progress = audio.currentTime / audio.duration * 100;
26      $(".playbackBar .progress").css("width", progress + "%");
27  }
28
29  function updateVolumeProgressBar(audio) {
30      var volume = audio.volume * 100;
31      $(".volumeBar .progress").css("width", volume + "%");
32  }
33
34  function Audio() {
35
36      this.currentlyPlaying;
37      this.audio = document.createElement('audio');
38
39      this.audio.addEventListener("ended", function() {
40          nextSong();
41      });
42
43      this.audio.addEventListener("canplay", function() {
44          //this refers to the object that the event was called on
45          var duration = formatTime(this.duration);
46          $(".progressTime.remaining").text(duration);
47      });
48
49      this.audio.addEventListener("timeupdate", function(){
50          if(this.duration) {
51              updateTimeProgressBar(this);
52          }
53      });
54
55      this.audio.addEventListener("volumechange", function() {
56          updateVolumeProgressBar(this);
57      });
58
59      this.setTrack = function(track) {
60          this.currentlyPlaying = track;
61          this.audio.src = track.path;
62      }
63
64      this.play = function() {
65          this.audio.play();
66      }
67
68      this.pause = function() {
69          this.audio.pause();
70      }
71
72      this.setTime = function(seconds) {
73          this.audio.currentTime = seconds;
74      }
75  }
76  }
```


Displaying album in the index page:

```
1 k?php
2 class Album {
3
4     private $con;
5     private $id;
6     private $title;
7     private $artistid;
8     private $genre;
9     private $releaseYear;
10
11     public function __construct($con, $id) {
12         $this->con = $con;
13         $this->id = $id;
14
15         $query = mysqli_query($this->con, "SELECT * FROM album WHERE id='$this->id'");
16         $album = mysqli_fetch_array($query);
17
18         $this->title = $album['title'];
19         $this->artistid = $album['artistid'];
20         $this->genre = $album['genre'];
21         $this->releaseYear = $album['releaseYear'];
22     }
23
24     public function getTitle() {
25         return $this->title;
26     }
27
28     public function getArtistid() {
29         return $this->artistid;
30     }
31
32     public function getGenre() {
33         return $this->genre;
34     }
35
36     public function getReleaseYear() {
37         return $this->releaseYear;
38     }
39
40     public function getAlbumOfSongs() {
41         $query = mysqli_query($this->con, "SELECT id FROM songs WHERE album='$this->id'");
42         return mysqli_fetch_array($query);
43     }
44
45     public function getSongs() {
46         $query = mysqli_query($this->con, "SELECT id FROM songs WHERE album='$this->id' ORDER BY albumorder ASC");
47         $songs = array();
48
49         while($row = mysqli_fetch_array($query)) {
50             $songs[] = $row['id'];
51         }
52
53         return $songs;
54     }
55 }
56
57 }
```

Displaying artist:

```
1 k?php
2 class Artist {
3
4     private $con;
5     private $id;
6
7     public function __construct($con, $id) {
8         $this->con = $con;
9         $this->id = $id;
10    }
11
12    public function getName() {
13        $artistQuery = mysqli_query($this->con, "SELECT name FROM artists WHERE id='$this->id'");
14        $artist = mysqli_fetch_array($artistQuery);
15        return $artist['name'];
16    }
17 }
18 ?>
```

Displaying songs for specific singer if one song is clicked:

```
1  k?php
2  ▼ class Song {
3
4      private $con;
5      private $id;
6      private $mysqliData;
7      private $title;
8      private $artistId;
9      private $albumId;
10     private $genre;
11     private $duration;
12     private $path;
13
14     ▼ public function __construct($con, $id) {
15         $this->con = $con;
16         $this->id = $id;
17
18         $query = mysqli_query($this->con, "SELECT * FROM songs WHERE id='$this->id'");
19         $this->mysqliData = mysqli_fetch_array($query);
20         $this->title = $this->mysqliData['title'];
21         $this->artistId = $this->mysqliData['artist'];
22         $this->albumId = $this->mysqliData['album'];
23         $this->genre = $this->mysqliData['genre'];
24         $this->duration = $this->mysqliData['duration'];
25         $this->path = $this->mysqliData['path'];
26     }
27
28     ▼ public function getTitle() {
29         return $this->title;
30     }
31
32     ▼ public function getId() {
33         return $this->id;
34     }
35
36     ▼ public function getArtist() {
37         return new Artist($this->con, $this->artistId);
38     }
39
40     ▼ public function getAlbum() {
41         return new Album($this->con, $this->albumId);
42     }
43
44     ▼ public function getPath() {
45         return $this->path;
46     }
47
48     ▼ public function getDuration() {
49         return $this->duration;
50     }
51
52     ▼ public function getMysqliData() {
53         return $this->mysqliData;
54     }
55
56     ▼ public function getGenre() {
57         return $this->genre;
58     }
59
60 }
61 ?>
```

Jsons files used in musicplayer bar:

```
1 <?php
2 include("../../config.php");
3
4 if(isset($_POST['albumId'])) {
5     $albumId = $_POST['albumId'];
6
7     $query = mysqli_query($con, "SELECT * FROM albums WHERE id='$albumId'");
8
9     $resultArray = mysqli_fetch_array($query);
10
11     echo json_encode($resultArray);
12 }
13 ?>
```

```
1 <?php
2 include("../../config.php");
3
4 if(isset($_POST['artistId'])) {
5     $artistId = $_POST['artistId'];
6
7     $query = mysqli_query($con, "SELECT * FROM artists WHERE id='$artistId'");
8
9     $resultArray = mysqli_fetch_array($query);
10
11     echo json_encode($resultArray);
12 }
13 ?>
```

```
1 <?php
2 include("../../config.php");
3
4 if(isset($_POST['songId'])) {
5     $songId = $_POST['songId'];
6
7     $query = mysqli_query($con, "SELECT * FROM songs WHERE id='$songId'");
8
9     $resultArray = mysqli_fetch_array($query);
10
11     echo json_encode($resultArray);
12 }
13
14
15 ?>
```

```
1 <?php
2 include("../../config.php");
3
4 if(isset($_POST['songId'])) {
5     $songId = $_POST['songId'];
6
7     $query = mysqli_query($con, "UPDATE songs SET plays = plays + 1 WHERE id='$songId'");
8 }
9 ?>
```