MUSIC PLAYER

FINAL REVIEW REPORT

Submitted by

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Prepared For

Internet And Web Programming (CSE3002) – PROJECT COMPONENT

Submitted To

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1. INTRODUCTION

Online music players are programs that allow you to listen to music online without downloading any files or players. On these websites, we can stream and listen to any song at any time. Our project is an online music player which lets the users listen and manage songs and music libraries through an online application. The user will be able to create and manage customized playlist and perform all functions such as volume adjustment, shuffle songs, like and dislike songs and also admin level panels and privileges are added so new songs can be added and existing songs can be edited.

2. PROJECT SCOPE

Music Player web app aims at automation of the following processes –
a. Song list - A list of all available functions
b. Create playlist - To create playlist from available songs.
c. Playlist list - List of all playlists
d. Search bar - To search from all available songs.
e. Add songs (admin privilege) - Used to add songs and its details.
f. Edit songs (admin privilege) - Used to edit and delete existing songs.

3. KEY CONTACTS AND STAKEHOLDERS

Name	Registration Number	Phone Number
Neha Valeti	20BCE2318	9000182622
Darshini Solanki	20BCE2638	7974435675
Nida Ghani	20BCE2850	8277521246

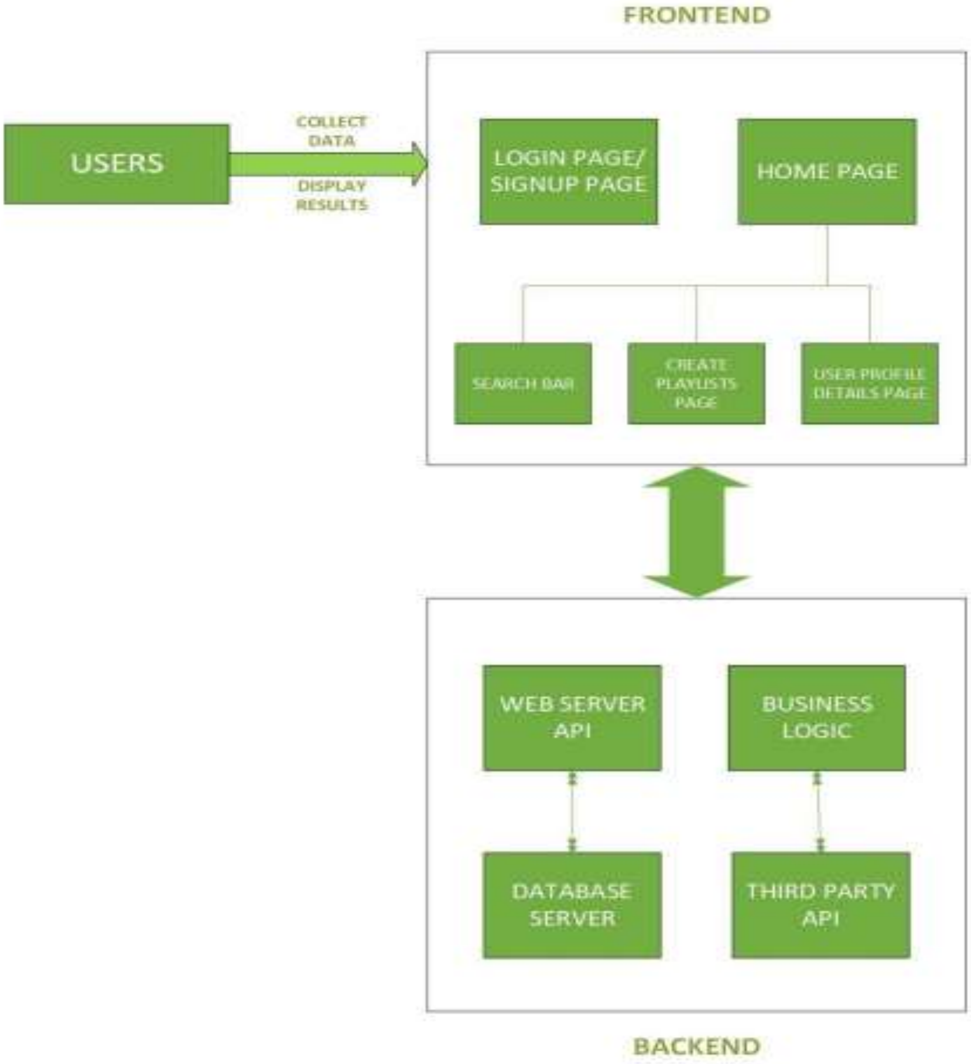
4. PROJECT RESOURCE REQUIREMENTS

4.1 Software Resource Requirements

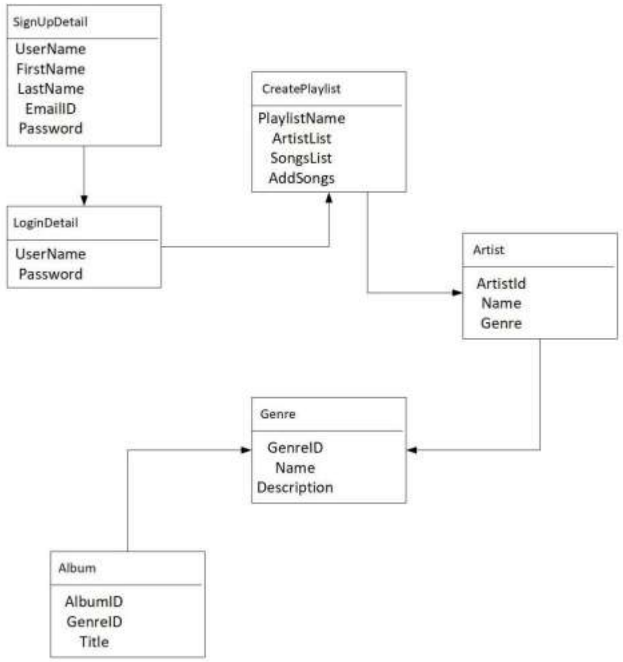
- Editor
- Visual studio code
- Database – MySQL
- Xampp local server
- HTML
- CSS
- JavaScript
- PHP

5. Architectural Design / UI Design – Block diagram/ Screen Shots

HIGH LEVEL ARCHITECTURE BLOCK DIAGRAM



DATA MODEL



6. IMPLEMENTATION

20BCE2850
Nida Ghani

CODE:
CSS

```
html,
body {
        padding: 0;
        margin: 0;
        height: 100%;
}

#background {
        background-color: #000;
   background-image: url(../images/bg.jpg);
   background-position: center;
   background-size: cover;
   display: table;
   height: 100%;
```

```
    width: 100%;
}

#loginContainer * {
            color: #fff;
            font-family: "Helvetica Neue", "Helvetica", "Arial", sans-serif;
            font-weight: normal;
            line-height: 1em;
            box-sizing: border-box;
}

#loginContainer {
            width: 80%;
            margin: 0 auto;
            position: relative;
            max-width: 1024px;
}

::-webkit-input-placeholder { /* WebKit, Blink, Edge */
    color:    #fff;
}
:-moz-placeholder { /* Mozilla Firefox 4 to 18 */
   color:    #fff;
   opacity:  1;
}
::-moz-placeholder { /* Mozilla Firefox 19+ */
   color:    #fff;
   opacity:  1;
}
:-ms-input-placeholder { /* Internet Explorer 10-11 */
   color:    #fff;
}
::-ms-input-placeholder { /* Microsoft Edge */
   color:    #fff;
}

#inputContainer {
    width: 400px;
    padding: 45px;
    float: left;
    border-right: 1px solid #999;
}

#inputContainer h2 {
            text-align: center;
}

#inputContainer input[type="text"],
#inputContainer input[type="email"],
#inputContainer input[type="password"] {
            display: block;
    background-color: transparent;
    border: 0;
    border-bottom: 1px solid #fff;
   height: 27px;
   line-height: 27px;
   width: 100%;
}

#inputContainer label {
          color: #a0a0a0;
   font-size: 13px;
   margin-top: 15px;
   display: block;
}

#inputContainer button {
          background-color: transparent;
   border: 2px solid #fff;
   border-radius: 250px;
   color: #fff;
   display: block;
   font-size: 14px;
   letter-spacing: 1px;
   margin: 20px auto;
   height: 41px;
   width: 100%;
}

#inputContainer button:hover {
          cursor: pointer;
}

.hasAccountText span {
          font-weight: bold;
   font-size: 12px;
   cursor: pointer;
}

.hasAccountText {
          text-align: center;
}

#registerForm,
#loginForm {
          display: none;
}

#loginText {
   padding: 45px;
   display: table-cell;
}

#loginText h1 {
   color: #07d159;
   font-size: 60px;
   font-weight: bold;
}
```

```
#loginText h2 {
   margin: 35px 0;
}

#loginText ul {
   padding: 0;
}

#loginText li {
   font-size: 20px;
   list-style-type: none;
   padding: 5px 30px;
   background: url(../images/icons/checkmark.png) no-repeat 0 0;
}

#inputContainer .errorMessage {
   color: #07d159;
   font-size: 12px;
   display: block;
}
```

JAVASCRIPT

```
$(document).ready(function() {

	$("#hideLogin").click(function() {
		$("#loginForm").hide();
		$("#registerForm").show();
	});

	$("#hideRegister").click(function() {
		$("#loginForm").show();
		$("#registerForm").hide();
	});
});
```

PHP

```
<?php
	class Account {

		private $con;
		private $errorArray;

		public function __construct($con) {
			$this->con = $con;
			$this->errorArray = array();
		}

		public function login($un, $pw) {

			$pw = md5($pw);

			$query = mysqli_query($this->con, "SELECT * FROM users WHERE username='$un' 
AND password='$pw'");
```

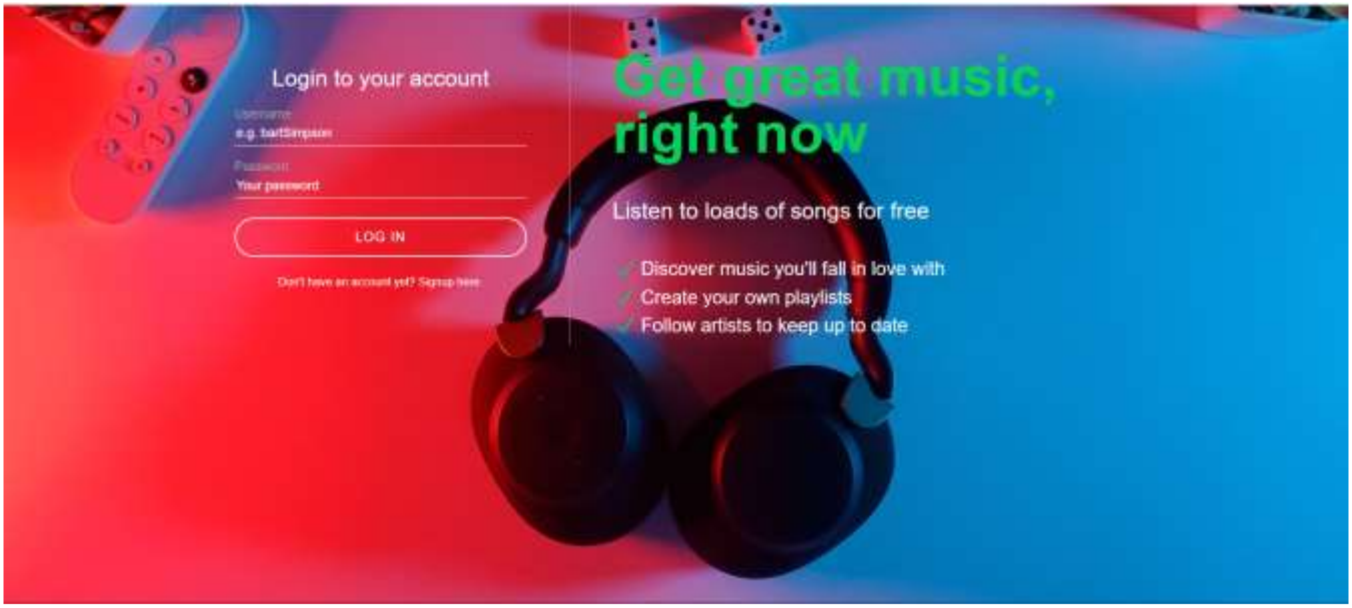
```
            if(mysqli_num_rows($query) == 1) {
                return true;
            }
            else {
                array_push($this->errorArray, Constants::$loginFailed);
                return false;
            }

        }

        public function register($un, $fn, $ln, $em, $em2, $pw, $pw2) {
            $this->validateUsername($un);
            $this->validateFirstName($fn);
            $this->validateLastName($ln);
            $this->validateEmails($em, $em2);
            $this->validatePasswords($pw, $pw2);

            if(empty($this->errorArray) == true) {
                //Insert into db
                return $this->insertUserDetails($un, $fn, $ln, $em, $pw);
            }
            else {
                return false;
            }

        }

        public function getError($error) {
            if(!in_array($error, $this->errorArray)) {
                $error = "";
            }
            return "<span class='errorMessage'>$error</span>";
        }

        private function insertUserDetails($un, $fn, $ln, $em, $pw) {
            $encryptedPw = md5($pw);
            $profilePic = "assets/images/profile-pics/head_emerald.png";
            $date = date("Y-m-d");

            $result = mysqli_query($this->con, "INSERT INTO users VALUES ('', '$un', '$fn', '$ln',
'$em', '$encryptedPw', '$date', '$profilePic')");

            return $result;
        }

        private function validateUsername($un) {

            if(strlen($un) > 25 || strlen($un) < 5) {
                array_push($this->errorArray, Constants::$usernameCharacters);
                return;
            }

            $checkUsernameQuery = mysqli_query($this->con, "SELECT username FROM users
WHERE username='$un'");
            if(mysqli_num_rows($checkUsernameQuery) != 0) {
                array_push($this->errorArray, Constants::$usernameTaken);
                return;
            }

        }

        private function validateFirstName($fn) {
            if(strlen($fn) > 25 || strlen($fn) < 2) {
                array_push($this->errorArray, Constants::$firstNameCharacters);
                return;
            }
        }

        private function validateLastName($ln) {
            if(strlen($ln) > 25 || strlen($ln) < 2) {
                array_push($this->errorArray, Constants::$lastNameCharacters);
                return;
            }
        }

        private function validateEmails($em, $em2) {
            if($em != $em2) {
                array_push($this->errorArray, Constants::$emailsDoNotMatch);
                return;
            }

            if(!filter_var($em, FILTER_VALIDATE_EMAIL)) {
                array_push($this->errorArray, Constants::$emailInvalid);
                return;
            }

            $checkEmailQuery = mysqli_query($this->con, "SELECT email FROM users WHERE 
email='$em'");
            if(mysqli_num_rows($checkEmailQuery) != 0) {
                array_push($this->errorArray, Constants::$emailTaken);
                return;
            }

        }

        private function validatePasswords($pw, $pw2) {

            if($pw != $pw2) {
                array_push($this->errorArray, Constants::$passwordsDoNoMatch);
                return;
            }

            if(preg_match('/[^A-Za-z0-9]/', $pw)) {
                array_push($this->errorArray, Constants::$passwordNotAlphanumeric);
                return;
            }
```

```
                if(strlen($pw) > 30 || strlen($pw) < 5) {
                    array_push($this->errorArray, Constants::$passwordCharacters);
                    return;
                }

            }


        }
?>

<?php
class Constants {

    public static $passwordsDoNoMatch = "Your passwords don't match";
    public static $passwordNotAlphanumeric = "Your password can only contain numbers and letters";
    public static $passwordCharacters = "Your password must be between 5 and 30 characters";
    public static $emailInvalid = "Email is invalid";
    public static $emailsDoNotMatch = "Your emails don't match";
    public static $emailTaken = "This email is already in use";
    public static $lastNameCharacters = "Your last name must be between 2 and 25 characters";
    public static $firstNameCharacters = "Your first name must be between 2 and 25 characters";
    public static $usernameCharacters = "Your username must be between 5 and 25 characters";
    public static $usernameTaken = "This username already exists";

    public static $loginFailed = "Your username or password was incorrect";

}

?>

<?php
if(isset($_POST['loginButton'])) {
    //Login button was pressed
    $username = $_POST['loginUsername'];
    $password = $_POST['loginPassword'];

    $result = $account->login($username, $password);

    if($result == true) {
        $_SESSION['userLoggedIn'] = $username;
        header("Location: index.php");
    }

}
?>

<?php

function sanitizeFormPassword($inputText) {
    $inputText = strip_tags($inputText);
    return $inputText;
}

function sanitizeFormUsername($inputText) {
	$inputText = strip_tags($inputText);
	$inputText = str_replace(" ", "", $inputText);
	return $inputText;
}

function sanitizeFormString($inputText) {
	$inputText = strip_tags($inputText);
	$inputText = str_replace(" ", "", $inputText);
	$inputText = ucfirst(strtolower($inputText));
	return $inputText;
}


if(isset($_POST['registerButton'])) {
	//Register button was pressed
	$username = sanitizeFormUsername($_POST['username']);
	$firstName = sanitizeFormString($_POST['firstName']);
	$lastName = sanitizeFormString($_POST['lastName']);
	$email = sanitizeFormString($_POST['email']);
	$email2 = sanitizeFormString($_POST['email2']);
	$password = sanitizeFormPassword($_POST['password']);
	$password2 = sanitizeFormPassword($_POST['password2']);

	$wasSuccessful = $account->register($username, $firstName, $lastName, $email, $email2, $password,
$password2);

	if($wasSuccessful == true) {
		$_SESSION['userLoggedIn'] = $username;
		header("Location: index.php");
	}

}


?>

<?php
	ob_start();
	session_start();

	$timezone = date_default_timezone_set("Europe/London");

	$con = mysqli_connect("localhost", "root", "", "slotify");

	if(mysqli_connect_errno()) {
		echo "Failed to connect: " . mysqli_connect_errno();
	}
?>
<?php
include("includes/config.php");

//session_destroy(); LOGOUT

if(isset($_SESSION['userLoggedIn'])) {
	$userLoggedIn = $_SESSION['userLoggedIn'];
}
```

```
else {
    header("Location: register.php");
}

?>

<html>
<head>
    <title>Welcome to Slotify!</title>
</head>

<body>
    Hello!
</body>

</html>

<?php
    include("includes/config.php");
    include("includes/classes/Account.php");
    include("includes/classes/Constants.php");

    $account = new Account($con);

    include("includes/handlers/register-handler.php");
    include("includes/handlers/login-handler.php");

    function getInputValue($name) {
        if(isset($_POST[$name])) {
            echo $_POST[$name];
        }
    }
?>

<html>
<head>
    <title>Welcome to Slotify!</title>

    <link rel="stylesheet" type="text/css" href="assets/css/register.css">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
    <script src="assets/js/register.js"></script>
</head>
<body>
    <?php

    if(isset($_POST['registerButton'])) {
        echo '<script>
                $(document).ready(function() {
                    $("#loginForm").hide();
                    $("#registerForm").show();
                });
            </script>';
    }
    else {
        echo '<script>
```

```
                $(document).ready(function() {
                    $("#loginForm").show();
                    $("#registerForm").hide();
                });
            </script>';
    }

    ?>


    <div id="background">

        <div id="loginContainer">

            <div id="inputContainer">
                <form id="loginForm" action="register.php" method="POST">
                    <h2>Login to your account</h2>
                    <p>
                        <?php echo $account->getError(Constants::$loginFailed); ?>
                        <label for="loginUsername">Username</label>
                        <input id="loginUsername" name="loginUsername" type="text"
placeholder="e.g. bartSimpson" value="<?php getInputValue('loginUsername') ?>" required>
                    </p>
                    <p>
                        <label for="loginPassword">Password</label>
                        <input id="loginPassword" name="loginPassword"
type="password" placeholder="Your password" required>
                    </p>

                    <button type="submit" name="loginButton">LOG IN</button>

                    <div class="hasAccountText">
                        <span id="hideLogin">Don't have an account yet? Signup
here.</span>
                    </div>

                </form>



                <form id="registerForm" action="register.php" method="POST">
                    <h2>Create your free account</h2>
                    <p>
                        <?php echo $account->getError(Constants::$usernameCharacters);
?>
                        <?php echo $account->getError(Constants::$usernameTaken); ?>
                        <label for="username">Username</label>
                        <input id="username" name="username" type="text"
placeholder="e.g. bartSimpson" value="<?php getInputValue('username') ?>" required>
                    </p>

                    <p>
                        <?php echo $account->getError(Constants::$firstNameCharacters);
?>
                        <label for="firstName">First name</label>
                        <input id="firstName" name="firstName" type="text"
```

```
placeholder="e.g. Bart" value="<?php getInputValue('firstName') ?>" required>
                    </p>

                    <p>
                        <?php echo $account->getError(Constants::$lastNameCharacters);
?>
                        <label for="lastName">Last name</label>
                        <input id="lastName" name="lastName" type="text"
placeholder="e.g. Simpson" value="<?php getInputValue('lastName') ?>" required>
                    </p>

                    <p>
                        <?php echo $account->getError(Constants::$emailsDoNotMatch);
?>
                        <?php echo $account->getError(Constants::$emailInvalid); ?>
                        <?php echo $account->getError(Constants::$emailTaken); ?>
                        <label for="email">Email</label>
                        <input id="email" name="email" type="email" placeholder="e.g.
bart@gmail.com" value="<?php getInputValue('email') ?>" required>
                    </p>

                    <p>
                        <label for="email2">Confirm email</label>
                        <input id="email2" name="email2" type="email" placeholder="e.g.
bart@gmail.com" value="<?php getInputValue('email2') ?>" required>
                    </p>

                    <p>
                        <?php echo $account-
>getError(Constants::$passwordsDoNoMatch); ?>
                        <?php echo $account-
>getError(Constants::$passwordNotAlphanumeric); ?>
                        <?php echo $account->getError(Constants::$passwordCharacters);
?>
                        <label for="password">Password</label>
                        <input id="password" name="password" type="password"
placeholder="Your password" required>
                    </p>

                    <p>
                        <label for="password2">Confirm password</label>
                        <input id="password2" name="password2" type="password"
placeholder="Your password" required>
                    </p>

                    <button type="submit" name="registerButton">SIGN UP</button>

                    <div class="hasAccountText">
                        <span id="hideRegister">Already have an account? Log in
here.</span>
                    </div>

                </form>


            </div>
            <div id="loginText">
                <h1>Get great music, right now</h1>
                <h2>Listen to loads of songs for free</h2>
                <ul>
                    <li>Discover music you'll fall in love with</li>
                    <li>Create your own playlists</li>
                    <li>Follow artists to keep up to date</li>
                </ul>
            </div>

        </div>
    </div>

</body>
</html>
```



Login to your account

Username
e.g. bartSimpson

Password
Your password

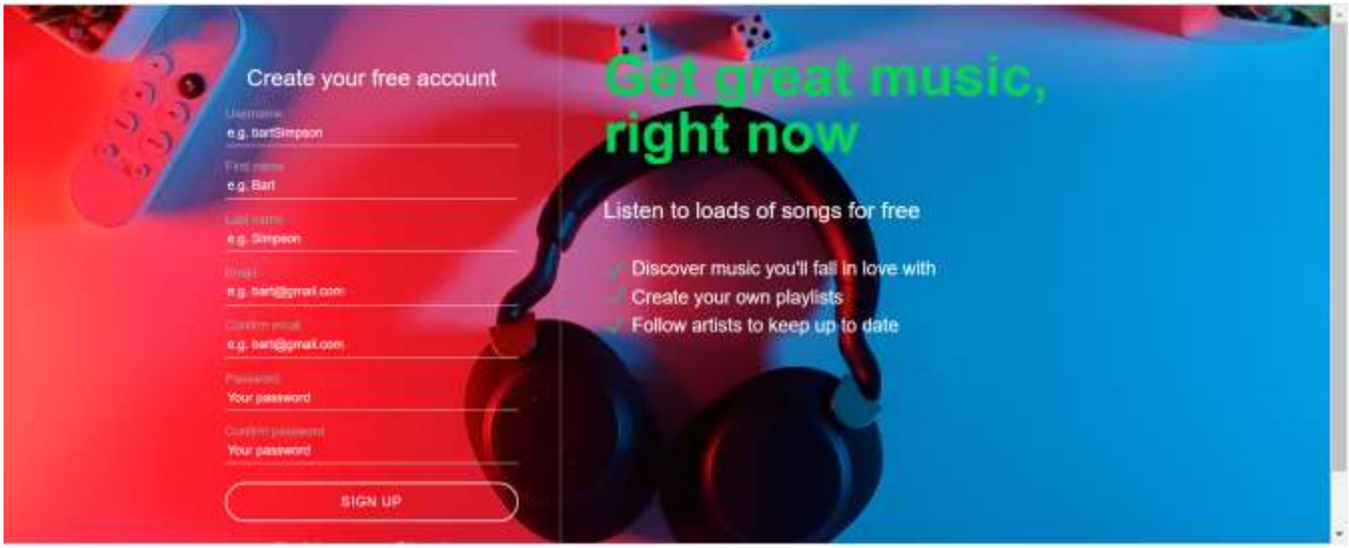
LOG IN

Don't have an account yet? Signup 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



Create your free account

Username
e.g. bartSimpson

First name
e.g. Bart

Last name
e.g. Simpson

Email
e.g. bart@gmail.com

Confirm email
e.g. bart@gmail.com

Password
Your password

Confirm password
Your password

SIGN UP

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

20BCE2638
DARSHINI SOLANKI

JAVASCRIPT

```
var currentPlaylist = [];
var shufflePlaylist = [];
var tempPlaylist = [];
var audioElement;
var mouseDown = false;
var currentIndex = 0;
var repeat = false;
var shuffle = false;


function formatTime(seconds) {
	var time = Math.round(seconds);
	var minutes = Math.floor(time / 60); //Rounds down
	var seconds = time - (minutes * 60);

	var extraZero = (seconds < 10) ? "0" : "";

	return minutes + ":" + extraZero + seconds;
}

function updateTimeProgressBar(audio) {
	$(".progressTime.current").text(formatTime(audio.currentTime));
	$(".progressTime.remaining").text(formatTime(audio.duration - audio.currentTime));

	var progress = audio.currentTime / audio.duration * 100;
	$(".playbackBar .progress").css("width", progress + "%");
}

function updateVolumeProgressBar(audio) {
	var volume = audio.volume * 100;
	$(".volumeBar .progress").css("width", volume + "%");
}

function Audio() {

	this.currentlyPlaying;
	this.audio = document.createElement('audio');

	this.audio.addEventListener("ended", function() {
		nextSong();
	});

	this.audio.addEventListener("canplay", function() {
		//'this' refers to the object that the event was called on
		var duration = formatTime(this.duration);
		$(".progressTime.remaining").text(duration);
	});

	this.audio.addEventListener("timeupdate", function(){
        if(this.duration) {
            updateTimeProgressBar(this);
        }
    });

    this.audio.addEventListener("volumechange", function() {
        updateVolumeProgressBar(this);
    });

    this.setTrack = function(track) {
        this.currentlyPlaying = track;
        this.audio.src = track.path;
    }

    this.play = function() {
        this.audio.play();
    }

    this.pause = function() {
        this.audio.pause();
    }

    this.setTime = function(seconds) {
        this.audio.currentTime = seconds;
    }

}
```

PHP:

```
<?php include("includes/header.php");

if(isset($_GET['id'])) {
    $albumId = $_GET['id'];
}
else {
    header("Location: index.php");
}

$album = new Album($con, $albumId);
$artist = $album->getArtist();
?>

<div class="entityInfo">

    <div class="leftSection">
        <img src="<?php echo $album->getArtworkPath(); ?>">
    </div>

    <div class="rightSection">
        <h2><?php echo $album->getTitle(); ?></h2>
        <p>By <?php echo $artist->getName(); ?></p>
        <p><?php echo $album->getNumberOfSongs(); ?> songs</p>

    </div>
```

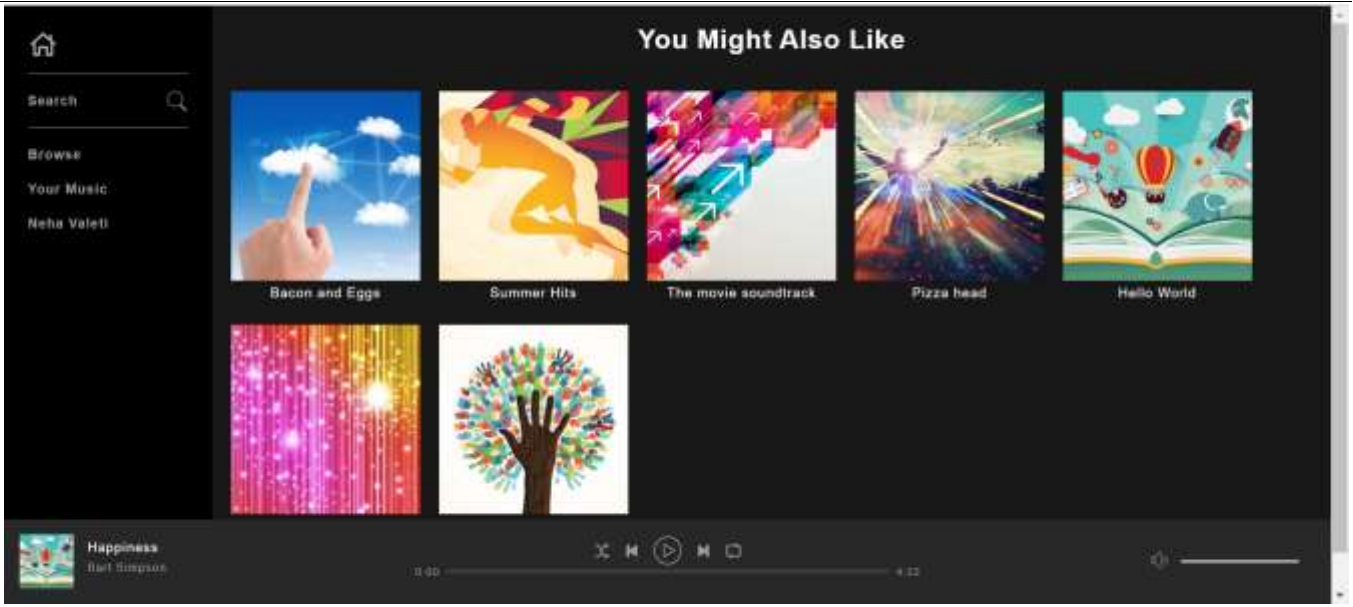
```
</div>


<div class="tracklistContainer">
    <ul class="tracklist">

        <?php
        $songIdArray = $album->getSongIds();

        $i = 1;
        foreach($songIdArray as $songId) {

            $albumSong = new Song($con, $songId);
            $albumArtist = $albumSong->getArtist();

            echo "<li class='tracklistRow'>
                    <div class='trackCount'>
                        <img class='play' src='assets/images/icons/play-white.png'
onclick='setTrack(\"" . $albumSong->getId() . "\", tempPlaylist, true)'>
                        <span class='trackNumber'>$i</span>
                    </div>


                    <div class='trackInfo'>
                        <span class='trackName'>" . $albumSong->getTitle() . "</span>
                        <span class='artistName'>" . $albumArtist->getName() .
"</span>
                    </div>

                    <div class='trackOptions'>
                        <img class='optionsButton' src='assets/images/icons/more.png'>
                    </div>

                    <div class='trackDuration'>
                        <span class='duration'>" . $albumSong->getDuration() .
"</span>
                    </div>


                </li>";

            $i = $i + 1;
        }

        ?>

        <script>
            var tempSongIds = '<?php echo json_encode($songIdArray); ?>';
            tempPlaylist = JSON.parse(tempSongIds);
        </script>

    </ul>
</div>
```

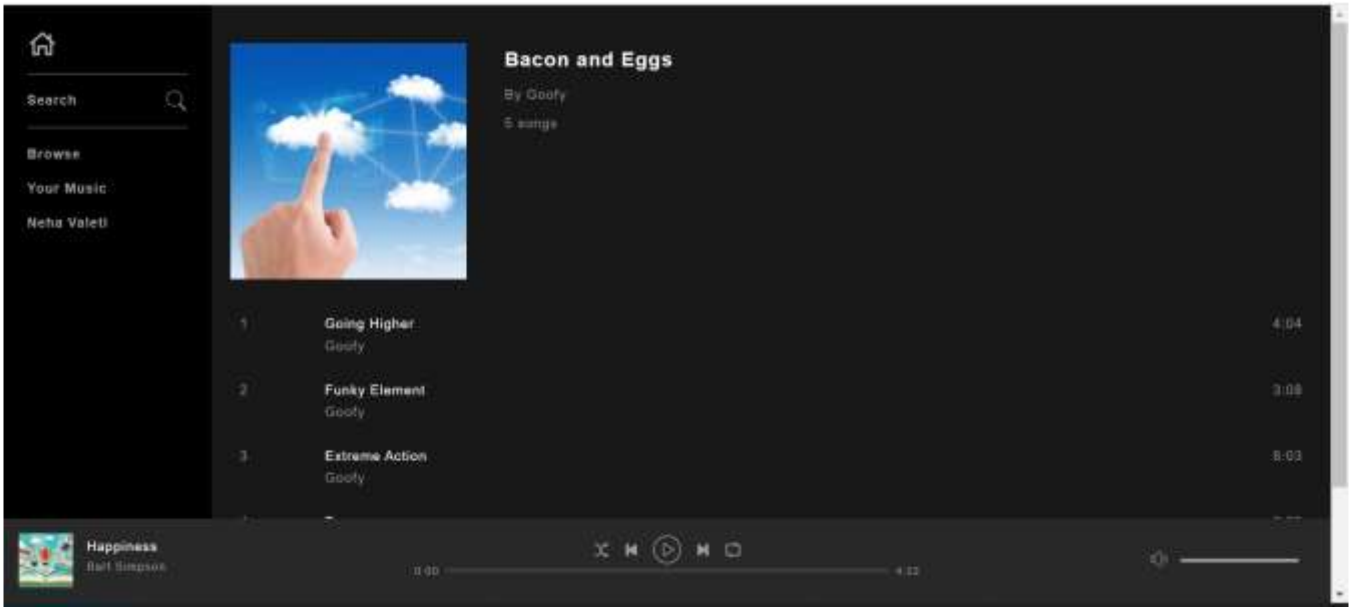
```
<?php include("includes/footer.php"); ?>

<?php include("includes/header.php"); ?>

<h1 class="pageHeadingBig">You Might Also Like</h1>

<div class="gridViewContainer">

    <?php
        $albumQuery = mysqli_query($con, "SELECT * FROM albums ORDER BY RAND() LIMIT
10");

        while($row = mysqli_fetch_array($albumQuery)) {




            echo "<div class='gridViewItem'>
                    <a href='album.php?id=" . $row['id'] . "'>
                        <img src='" . $row['artworkPath'] . "'>

                        <div class='gridViewInfo'>"
                            . $row['title'] .
                        "</div>
                    </a>

                </div>";




        }
    ?>

</div>





<?php include("includes/footer.php"); ?>

<?php
    include("includes/config.php");
    include("includes/classes/Account.php");
    include("includes/classes/Constants.php");

    $account = new Account($con);

    include("includes/handlers/register-handler.php");
    include("includes/handlers/login-handler.php");

    function getInputValue($name) {
        if(isset($_POST[$name])) {
            echo $_POST[$name];
        }
    }
?>

<html>
<head>
    <title>Welcome to Slotify!</title>

    <link rel="stylesheet" type="text/css" href="assets/css/register.css">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
    <script src="assets/js/register.js"></script>
</head>
<body>
    <?php

    if(isset($_POST['registerButton'])) {
        echo '<script>
                $(document).ready(function() {
                    $("#loginForm").hide();
                    $("#registerForm").show();
                });
            </script>';
    }
    else {
        echo '<script>
                $(document).ready(function() {
                    $("#loginForm").show();
                    $("#registerForm").hide();
                });
            </script>';
    }

    ?>


    <div id="background">

        <div id="loginContainer">

            <div id="inputContainer">
                <form id="loginForm" action="register.php" method="POST">
                    <h2>Login to your account</h2>
                    <p>
                        <?php echo $account->getError(Constants::$loginFailed); ?>
                        <label for="loginUsername">Username</label>
                        <input id="loginUsername" name="loginUsername" type="text"
placeholder="e.g. bartSimpson" value="<?php getInputValue('loginUsername') ?>" required>
                    </p>
                    <p>
                        <label for="loginPassword">Password</label>
                        <input id="loginPassword" name="loginPassword"
```

```
type="password" placeholder="Your password" required>
                    </p>

                    <button type="submit" name="loginButton">LOG IN</button>

                    <div class="hasAccountText">
                        <span id="hideLogin">Don't have an account yet? Signup
here.</span>
                    </div>

                </form>



                <form id="registerForm" action="register.php" method="POST">
                    <h2>Create your free account</h2>
                    <p>
                        <?php echo $account-
>getError(Constants::$usernameCharacters); ?>
                        <?php echo $account->getError(Constants::$usernameTaken);
?>
                        <label for="username">Username</label>
                        <input id="username" name="username" type="text"
placeholder="e.g. bartSimpson" value="<?php getInputValue('username') ?>" required>
                    </p>

                    <p>
                        <?php echo $account-
>getError(Constants::$firstNameCharacters); ?>
                        <label for="firstName">First name</label>
                        <input id="firstName" name="firstName" type="text"
placeholder="e.g. Bart" value="<?php getInputValue('firstName') ?>" required>
                    </p>

                    <p>
                        <?php echo $account-
>getError(Constants::$lastNameCharacters); ?>
                        <label for="lastName">Last name</label>
                        <input id="lastName" name="lastName" type="text"
placeholder="e.g. Simpson" value="<?php getInputValue('lastName') ?>" required>
                    </p>

                    <p>
                        <?php echo $account-
>getError(Constants::$emailsDoNotMatch); ?>
                        <?php echo $account->getError(Constants::$emailInvalid); ?>
                        <?php echo $account->getError(Constants::$emailTaken); ?>
                        <label for="email">Email</label>
                        <input id="email" name="email" type="email" placeholder="e.g.
bart@gmail.com" value="<?php getInputValue('email') ?>" required>
                    </p>

                    <p>
                        <label for="email2">Confirm email</label>
                        <input id="email2" name="email2" type="email"
placeholder="e.g. bart@gmail.com" value="<?php getInputValue('email2') ?>" required>
                    </p>

                    <p>
                        <?php echo $account-
>getError(Constants::$passwordsDoNoMatch); ?>
                        <?php echo $account-
>getError(Constants::$passwordNotAlphanumeric); ?>
                        <?php echo $account-
>getError(Constants::$passwordCharacters); ?>
                        <label for="password">Password</label>
                        <input id="password" name="password" type="password"
placeholder="Your password" required>
                    </p>

                    <p>
                        <label for="password2">Confirm password</label>
                        <input id="password2" name="password2" type="password"
placeholder="Your password" required>
                    </p>

                    <button type="submit" name="registerButton">SIGN UP</button>

                    <div class="hasAccountText">
                        <span id="hideRegister">Already have an account? Log in
here.</span>
                    </div>

                </form>


            </div>

            <div id="loginText">
                <h1>Get great music, right now</h1>
                <h2>Listen to loads of songs for free</h2>
                <ul>
                    <li>Discover music you'll fall in love with</li>
                    <li>Create your own playlists</li>
                    <li>Follow artists to keep up to date</li>
                </ul>
            </div>

        </div>
    </div>

</body>
</html>
```

DATABASE:mysql

```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET time_zone = "+00:00";

CREATE TABLE IF NOT EXISTS `Songs` (
`id` int(11) NOT NULL,
  `title` varchar(250) NOT NULL,
  `artist` int(11) NOT NULL,
  `album` int(11) NOT NULL,
  `genre` int(11) NOT NULL,
  `duration` varchar(8) NOT NULL,
  `path` varchar(500) NOT NULL,
  `albumOrder` int(11) NOT NULL,
  `plays` int(11) NOT NULL
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=32 ;

INSERT INTO `Songs` (`id`, `title`, `artist`, `album`, `genre`, `duration`, `path`, `albumOrder`, `plays`) VALUES
(1, 'Acoustic Breeze', 1, 5, 8, '2:37', 'assets/music/bensound-acousticbreeze.mp3', 1, 0),
(2, 'A new beginning', 1, 5, 1, '2:35', 'assets/music/bensound-anewbeginning.mp3', 2, 0),
(3, 'Better Days', 1, 5, 2, '2:33', 'assets/music/bensound-betterdays.mp3', 3, 0),
(4, 'Buddy', 1, 5, 3, '2:02', 'assets/music/bensound-buddy.mp3', 4, 0),
(5, 'Clear Day', 1, 5, 4, '1:29', 'assets/music/bensound-clearday.mp3', 5, 0),
(6, 'Going Higher', 2, 1, 1, '4:04', 'assets/music/bensound-goinghigher.mp3', 1, 0),
(7, 'Funny Song', 2, 4, 2, '3:07', 'assets/music/bensound-funnysong.mp3', 2, 0),
(8, 'Funky Element', 2, 1, 3, '3:08', 'assets/music/bensound-funkyelement.mp3', 2, 0),
(9, 'Extreme Action', 2, 1, 4, '8:03', 'assets/music/bensound-extremeaction.mp3', 3, 0),
(10, 'Epic', 2, 4, 5, '2:58', 'assets/music/bensound-epic.mp3', 3, 0),
(11, 'Energy', 2, 1, 6, '2:59', 'assets/music/bensound-energy.mp3', 4, 0),
(12, 'Dubstep', 2, 1, 7, '2:03', 'assets/music/bensound-dubstep.mp3', 5, 0),
(13, 'Happiness', 3, 6, 8, '4:21', 'assets/music/bensound-happiness.mp3', 5, 0),
(14, 'Happy Rock', 3, 6, 9, '1:45', 'assets/music/bensound-happyrock.mp3', 4, 0),
(15, 'Jazzy Frenchy', 3, 6, 10, '1:44', 'assets/music/bensound-jazzyfrenchy.mp3', 3, 0),
(16, 'Little Idea', 3, 6, 1, '2:49', 'assets/music/bensound-littleidea.mp3', 2, 0),
(17, 'Memories', 3, 6, 2, '3:50', 'assets/music/bensound-memories.mp3', 1, 0),
(18, 'Moose', 4, 7, 1, '2:43', 'assets/music/bensound-moose.mp3', 5, 0),
(19, 'November', 4, 7, 2, '3:32', 'assets/music/bensound-november.mp3', 4, 0),
(20, 'Of Elias Dream', 4, 7, 3, '4:58', 'assets/music/bensound-ofeliasdream.mp3', 3, 0),
(21, 'Pop Dance', 4, 7, 2, '2:42', 'assets/music/bensound-popdance.mp3', 2, 0),
(22, 'Retro Soul', 4, 7, 5, '3:36', 'assets/music/bensound-retrosoul.mp3', 1, 0),
(23, 'Sad Day', 5, 2, 1, '2:28', 'assets/music/bensound-sadday.mp3', 1, 0),
(24, 'Sci-fi', 5, 2, 2, '4:44', 'assets/music/bensound-scifi.mp3', 2, 0),
(25, 'Slow Motion', 5, 2, 3, '3:26', 'assets/music/bensound-slowmotion.mp3', 3, 0),
(26, 'Sunny', 5, 2, 4, '2:20', 'assets/music/bensound-sunny.mp3', 4, 0),
(27, 'Sweet', 5, 2, 5, '5:07', 'assets/music/bensound-sweet.mp3', 5, 0),
(28, 'Tenderness ', 3, 3, 7, '2:03', 'assets/music/bensound-tenderness.mp3', 4, 0),
(29, 'The Lounge', 3, 3, 8, '4:16', 'assets/music/bensound-thelounge.mp3 ', 3, 0),
(30, 'Ukulele', 3, 3, 9, '2:26', 'assets/music/bensound-ukulele.mp3 ', 2, 0),
(31, 'Tomorrow', 3, 3, 1, '4:54', 'assets/music/bensound-tomorrow.mp3 ', 1, 0);
ALTER TABLE `Songs`
 ADD PRIMARY KEY (`id`);
ALTER TABLE `Songs`
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=32;
```





NEHA VALETI
20BCE2318

COMPLETE DATABASE

```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET time_zone = "+00:00";


/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
```

```
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8 */;


CREATE TABLE IF NOT EXISTS `albums` (
`id` int(11) NOT NULL,
  `title` varchar(250) NOT NULL,
  `artist` int(11) NOT NULL,
  `genre` int(11) NOT NULL,
  `artworkPath` varchar(500) NOT NULL
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=8 ;

--
-- Dumping data for table `albums`
--

INSERT INTO `albums` (`id`, `title`, `artist`, `genre`, `artworkPath`) VALUES
(1, 'Bacon and Eggs', 2, 4, 'assets/images/artwork/clearday.jpg'),
(2, 'Pizza head', 5, 10, 'assets/images/artwork/energy.jpg'),
(3, 'Summer Hits', 3, 1, 'assets/images/artwork/goinghigher.jpg'),
(4, 'The movie soundtrack', 2, 9, 'assets/images/artwork/funkyelement.jpg'),
(5, 'Best of the Worst', 1, 3, 'assets/images/artwork/popdance.jpg'),
(6, 'Hello World', 3, 6, 'assets/images/artwork/ukulele.jpg'),
(7, 'Best beats', 4, 7, 'assets/images/artwork/sweet.jpg');

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

--
-- Table structure for table `artists`
--

CREATE TABLE IF NOT EXISTS `artists` (
`id` int(11) NOT NULL,
  `name` varchar(50) NOT NULL
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=6 ;

--
-- Dumping data for table `artists`
--

INSERT INTO `artists` (`id`, `name`) VALUES
(1, 'Mickey Mouse'),
(2, 'Goofy'),
(3, 'Bart Simpson'),
(4, 'Homer'),
(5, 'Bruce Lee');

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

--
-- Table structure for table `genres`
--

CREATE TABLE IF NOT EXISTS `genres` (
`id` int(11) NOT NULL,
  `name` varchar(50) NOT NULL
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=11 ;

--
-- Dumping data for table `genres`
--

INSERT INTO `genres` (`id`, `name`) VALUES
(1, 'Rock'),
(2, 'Pop'),
(3, 'Hip-hop'),
(4, 'Rap'),
(5, 'R & B'),
(6, 'Classical'),
(7, 'Techno'),
(8, 'Jazz'),
(9, 'Folk'),
(10, 'Country');

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

--
-- Table structure for table `playlists`
--

CREATE TABLE IF NOT EXISTS `playlists` (
`id` int(11) NOT NULL,
  `name` varchar(50) NOT NULL,
  `owner` varchar(50) NOT NULL,
  `dateCreated` datetime NOT NULL
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=8 ;

--
-- Dumping data for table `playlists`
--

INSERT INTO `playlists` (`id`, `name`, `owner`, `dateCreated`) VALUES
(2, 'Playlist2', 'reece-kenney', '2017-08-27 00:00:00'),
(3, 'Running Songs', 'reece-kenney', '2017-08-27 00:00:00'),
(4, 'Classics', 'reece-kenney', '2017-08-27 00:00:00'),
(5, 'Party', 'reece-kenney', '2017-08-27 00:00:00'),
(6, 'This is a test', 'reece-kenney', '2017-12-04 00:00:00'),
(7, 'Bulldozer', 'reece-kenney', '2017-12-04 00:00:00');

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

--
-- Table structure for table `playlistSongs`
--

CREATE TABLE IF NOT EXISTS `playlistSongs` (
`id` int(11) NOT NULL,
  `songId` int(11) NOT NULL,
  `playlistId` int(11) NOT NULL,
  `playlistOrder` int(11) NOT NULL
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=19 ;

--
-- Dumping data for table `playlistSongs`
--

INSERT INTO `playlistSongs` (`id`, `songId`, `playlistId`, `playlistOrder`) VALUES
(6, 17, 2, 4),
(8, 16, 5, 0),
(9, 15, 3, 0),
(10, 14, 4, 0),
(11, 17, 3, 1),
(12, 16, 3, 2),
(13, 16, 5, 1),
(14, 14, 3, 3),
(15, 5, 5, 2),
(16, 23, 4, 1),
(17, 6, 2, 5),
(18, 29, 3, 4);

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

--
-- Table structure for table `songs`
--

CREATE TABLE IF NOT EXISTS `songs` (
`id` int(11) NOT NULL,
  `title` varchar(250) NOT NULL,
  `artist` int(11) NOT NULL,
  `album` int(11) NOT NULL,
  `genre` int(11) NOT NULL,
  `duration` varchar(8) NOT NULL,
  `path` varchar(500) NOT NULL,
  `albumOrder` int(11) NOT NULL,
  `plays` int(11) NOT NULL
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=32 ;

--
-- Dumping data for table `songs`
--

INSERT INTO `songs` (`id`, `title`, `artist`, `album`, `genre`, `duration`, `path`, `albumOrder`, `plays`) VALUES
(1, 'Acoustic Breeze', 1, 5, 8, '2:37', 'assets/music/bensound-acousticbreeze.mp3', 1, 10),
(2, 'A new beginning', 1, 5, 1, '2:35', 'assets/music/bensound-anewbeginning.mp3', 2, 4),
(3, 'Better Days', 1, 5, 2, '2:33', 'assets/music/bensound-betterdays.mp3', 3, 10),
(4, 'Buddy', 1, 5, 3, '2:02', 'assets/music/bensound-buddy.mp3', 4, 13),
(5, 'Clear Day', 1, 5, 4, '1:29', 'assets/music/bensound-clearday.mp3', 5, 8),
(6, 'Going Higher', 2, 1, 1, '4:04', 'assets/music/bensound-goinghigher.mp3', 1, 34),
(7, 'Funny Song', 2, 4, 2, '3:07', 'assets/music/bensound-funnysong.mp3', 2, 12),
(8, 'Funky Element', 2, 1, 3, '3:08', 'assets/music/bensound-funkyelement.mp3', 2, 26),
(9, 'Extreme Action', 2, 1, 4, '8:03', 'assets/music/bensound-extremeaction.mp3', 3, 29),
(10, 'Epic', 2, 4, 5, '2:58', 'assets/music/bensound-epic.mp3', 3, 17),
(11, 'Energy', 2, 1, 6, '2:59', 'assets/music/bensound-energy.mp3', 4, 26),
(12, 'Dubstep', 2, 1, 7, '2:03', 'assets/music/bensound-dubstep.mp3', 5, 22),
(13, 'Happiness', 3, 6, 8, '4:21', 'assets/music/bensound-happiness.mp3', 5, 3),
(14, 'Happy Rock', 3, 6, 9, '1:45', 'assets/music/bensound-happyrock.mp3', 4, 8),
(15, 'Jazzy Frenchy', 3, 6, 10, '1:44', 'assets/music/bensound-jazzyfrenchy.mp3', 3, 11),
(16, 'Little Idea', 3, 6, 1, '2:49', 'assets/music/bensound-littleidea.mp3', 2, 12),
(17, 'Memories', 3, 6, 2, '3:50', 'assets/music/bensound-memories.mp3', 1, 6),
(18, 'Moose', 4, 7, 1, '2:43', 'assets/music/bensound-moose.mp3', 5, 2),
(19, 'November', 4, 7, 2, '3:32', 'assets/music/bensound-november.mp3', 4, 5),
(20, 'Of Elias Dream', 4, 7, 3, '4:58', 'assets/music/bensound-ofeliasdream.mp3', 3, 5),
(21, 'Pop Dance', 4, 7, 2, '2:42', 'assets/music/bensound-popdance.mp3', 2, 11),
(22, 'Retro Soul', 4, 7, 5, '3:36', 'assets/music/bensound-retrosoul.mp3', 1, 11),
(23, 'Sad Day', 5, 2, 1, '2:28', 'assets/music/bensound-sadday.mp3', 1, 9),
(24, 'Sci-fi', 5, 2, 2, '4:44', 'assets/music/bensound-scifi.mp3', 2, 9),
(25, 'Slow Motion', 5, 2, 3, '3:26', 'assets/music/bensound-slowmotion.mp3', 3, 4),
(26, 'Sunny', 5, 2, 4, '2:20', 'assets/music/bensound-sunny.mp3', 4, 19),
(27, 'Sweet', 5, 2, 5, '5:07', 'assets/music/bensound-sweet.mp3', 5, 17),
(28, 'Tenderness ', 3, 3, 7, '2:03', 'assets/music/bensound-tenderness.mp3', 4, 13),
(29, 'The Lounge', 3, 3, 8, '4:16', 'assets/music/bensound-thelounge.mp3 ', 3, 7),
(30, 'Ukulele', 3, 3, 9, '2:26', 'assets/music/bensound-ukulele.mp3 ', 2, 22),
(31, 'Tomorrow', 3, 3, 1, '4:54', 'assets/music/bensound-tomorrow.mp3 ', 1, 15);

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

--
-- Table structure for table `users`
--

CREATE TABLE IF NOT EXISTS `users` (
`id` int(11) NOT NULL,
  `username` varchar(25) NOT NULL,
  `firstName` varchar(50) NOT NULL,
  `lastName` varchar(50) NOT NULL,
  `email` varchar(200) NOT NULL,
  `password` varchar(32) NOT NULL,
  `signUpDate` datetime NOT NULL,
  `profilePic` varchar(500) NOT NULL
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=7 ;

--
-- Dumping data for table `users`
--

INSERT INTO `users` (`id`, `username`, `firstName`, `lastName`, `email`, `password`, `signUpDate`,
`profilePic`) VALUES
(1, 'reece-kenney', 'Reece', 'Kenney', 'Reece@gmail.com', '5f4dcc3b5aa765d61d8327deb882cf99', '2017-06-28
00:00:00', 'assets/images/profile-pics/head_emerald.png'),
(2, 'donkey-kong', 'Donkey', 'Kong', 'Dk@yahoo.com', '7c6a180b36896a0a8c02787eeafb0e4c', '2017-06-28
00:00:00', 'assets/images/profile-pics/head_emerald.png'),
(3, 'simon-cowell', 'Simon', 'Cowell', 'Simon@gmail.com', '5f4dcc3b5aa765d61d8327deb882cf99', '2017-10-29
00:00:00', 'assets/images/profile-pics/head_emerald.png'),
(4, 'simon-cowell1', 'Simon', 'Cowell', 'Simon1@gmail.com', 'password', '2017-11-14 00:00:00',
'assets/images/profile-images/head-emerald.png'),
(5, 'simon-cowell2', 'Simon', 'Cowell', 'Simon2@gmail.com', 'password', '2017-11-15 00:00:00',
'assets/images/profile-images/head-emerald.png'),
(6, 'Simon-cowell10', 'Reece', 'Kenney', 'Reecekenney50111@gmail.com',
'5f4dcc3b5aa765d61d8327deb882cf99', '2017-11-16 00:00:00', 'assets/images/profile-pics/head_emerald.png');

--
-- Indexes for dumped tables
--

--
-- Indexes for table `albums`
--
ALTER TABLE `albums`
 ADD PRIMARY KEY (`id`);

--
-- Indexes for table `artists`
--
ALTER TABLE `artists`
 ADD PRIMARY KEY (`id`);

--
-- Indexes for table `genres`
--
ALTER TABLE `genres`
 ADD PRIMARY KEY (`id`);

--
-- Indexes for table `playlists`
--
ALTER TABLE `playlists`
 ADD PRIMARY KEY (`id`);

--
-- Indexes for table `playlistSongs`
--
ALTER TABLE `playlistSongs`
 ADD PRIMARY KEY (`id`);

--
-- Indexes for table `songs`
--
ALTER TABLE `songs`
 ADD PRIMARY KEY (`id`);

--
-- Indexes for table `users`
--
ALTER TABLE `users`
 ADD PRIMARY KEY (`id`);

--
-- AUTO_INCREMENT for dumped tables
--
```

```
--
-- AUTO_INCREMENT for table `albums`
--
ALTER TABLE `albums`
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=8;
--
-- AUTO_INCREMENT for table `artists`
--
ALTER TABLE `artists`
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=6;
--
-- AUTO_INCREMENT for table `genres`
--
ALTER TABLE `genres`
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=11;
--
-- AUTO_INCREMENT for table `playlists`
--
ALTER TABLE `playlists`
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=8;
--
-- AUTO_INCREMENT for table `playlistSongs`
--
ALTER TABLE `playlistSongs`
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=19;
--
-- AUTO_INCREMENT for table `songs`
--
ALTER TABLE `songs`
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=32;
--
-- AUTO_INCREMENT for table `users`
--
ALTER TABLE `users`
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=7;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

PHP CODE:

```
<?php include("includes/includedFiles.php");

if(isset($_GET['id'])) {
    $playlistId = $_GET['id'];
}
else {
    header("Location: index.php");
}

$playlist = new Playlist($con, $playlistId);
$owner = new User($con, $playlist->getOwner());
?>
```

```
<div class="entityInfo">

    <div class="leftSection">
        <div class="playlistImage">
            <img src="assets/images/icons/playlist.png">
        </div>
    </div>

    <div class="rightSection">
        <h2><?php echo $playlist->getName(); ?></h2>
        <p>By <?php echo $playlist->getOwner(); ?></p>
        <p><?php echo $playlist->getNumberOfSongs(); ?> songs</p>
        <button class="button" onclick="deletePlaylist('<?php echo $playlistId;
?>')">DELETE PLAYLIST</button>

    </div>

</div>

<div class="tracklistContainer">
    <ul class="tracklist">

        <?php
        $songIdArray = $playlist->getSongIds();

        $i = 1;
        foreach($songIdArray as $songId) {

            $playlistSong = new Song($con, $songId);
            $songArtist = $playlistSong->getArtist();

            echo "<li class='tracklistRow'>
                    <div class='trackCount'>
                        <img class='play' src='assets/images/icons/play-white.png'
onclick='setTrack(\"" . $playlistSong->getId() . "\", tempPlaylist, true)'>
                        <span class='trackNumber'>$i</span>
                    </div>

                    <div class='trackInfo'>
                        <span class='trackName'>" . $playlistSong->getTitle() .
"</span>
                        <span class='artistName'>" . $songArtist->getName() . "</span>
                    </div>

                    <div class='trackOptions'>
                        <input type='hidden' class='songId' value='" . $playlistSong-
>getId() . "'>
                        <img class='optionsButton' src='assets/images/icons/more.png'
onclick='showOptionsMenu(this)'>
                    </div>

                    <div class='trackDuration'>
                        <span class='duration'>" . $playlistSong->getDuration() .
"</span>
```

```
                    </div>

                </li>";

            $i = $i + 1;
        }

        ?>

        <script>
            var tempSongIds = '<?php echo json_encode($songIdArray); ?>';
            tempPlaylist = JSON.parse(tempSongIds);
        </script>

    </ul>
</div>

<nav class="optionsMenu">
    <input type="hidden" class="songId">
    <?php echo Playlist::getPlaylistsDropdown($con, $userLoggedIn->getUsername()); ?>
    <div class="item" onclick="removeFromPlaylist(this, '<?php echo $playlistId;
?>')">Remove from Playlist</div>
</nav>
```

```
<?php
include("includes/includedFiles.php");

if(isset($_GET['term'])) {
	$term = urldecode($_GET['term']);
}
else {
	$term = "";
}
?>

<div class="searchContainer">

	<h4>Search for an artist, album or song</h4>
	<input type="text" class="searchInput" value="<?php echo $term; ?>" placeholder="Start typing..."
onfocus="this.value = this.value">

</div>

<script>

$(".searchInput").focus();

$(function() {
	
	$(".searchInput").keyup(function() {
		clearTimeout(timer);
```

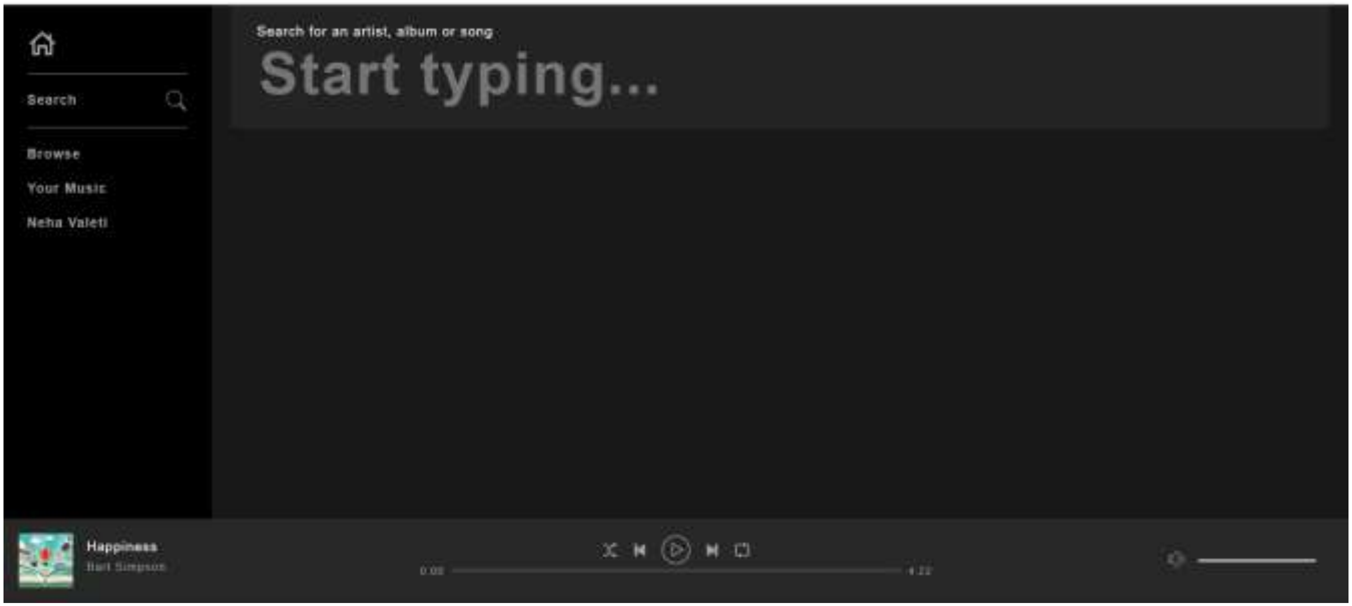
```
        timer = setTimeout(function() {
            var val = $(".searchInput").val();
            openPage("search.php?term=" + val);
        }, 2000);

    })


})

</script>

<?php if($term == "") exit(); ?>

<div class="tracklistContainer borderBottom">
    <h2>SONGS</h2>
    <ul class="tracklist">
        
        <?php
        $songsQuery = mysqli_query($con, "SELECT id FROM songs WHERE title LIKE '$term%' 
LIMIT 10");

        if(mysqli_num_rows($songsQuery) == 0) {
            echo "<span class='noResults'>No songs found matching " . $term . "</span>";
        }



        $songIdArray = array();

        $i = 1;
        while($row = mysqli_fetch_array($songsQuery)) {

            if($i > 15) {
                break;
            }

            array_push($songIdArray, $row['id']);

            $albumSong = new Song($con, $row['id']);
            $albumArtist = $albumSong->getArtist();

            echo "<li class='tracklistRow'>
                    <div class='trackCount'>
                        <img class='play' src='assets/images/icons/play-white.png' 
onclick='setTrack(\"" . $albumSong->getId() . "\", tempPlaylist, true)'>
                        <span class='trackNumber'>$i</span>
                    </div>


                    <div class='trackInfo'>
                        <span class='trackName'>" . $albumSong->getTitle() . "</span>
                        <span class='artistName'>" . $albumArtist->getName() .
```

```
"</span>
                    </div>

                    <div class='trackOptions'>
                        <input type='hidden' class='songId' value='" . $albumSong-
>getId() . "'>
                        <img class='optionsButton' src='assets/images/icons/more.png'
onclick='showOptionsMenu(this)'>
                    </div>

                    <div class='trackDuration'>
                        <span class='duration'>" . $albumSong->getDuration() .
"</span>
                    </div>


                </li>";

            $i = $i + 1;
        }

        ?>

        <script>
            var tempSongIds = '<?php echo json_encode($songIdArray); ?>';
            tempPlaylist = JSON.parse(tempSongIds);
        </script>

    </ul>
</div>


<div class="artistsContainer borderBottom">

    <h2>ARTISTS</h2>

    <?php
    $artistsQuery = mysqli_query($con, "SELECT id FROM artists WHERE name LIKE '$term%' LIMIT
10");
    
    if(mysqli_num_rows($artistsQuery) == 0) {
        echo "<span class='noResults'>No artists found matching " . $term . "</span>";
    }

    while($row = mysqli_fetch_array($artistsQuery)) {

        $artistFound = new Artist($con, $row['id']);

        echo "<div class='searchResultRow'>
                <div class='artistName'>

                    <span role='link' tabindex='0' onclick='openPage(\"artist.php?id=" .
$artistFound->getId() ."\")'>
                    "
                    . $artistFound->getName() .
                    "
                    </span>

                </div>

            </div>";

    }


    ?>

</div>

<div class="gridViewContainer">
    <h2>ALBUMS</h2>
    <?php
        $albumQuery = mysqli_query($con, "SELECT * FROM albums WHERE title LIKE '$term%'
LIMIT 10");

        if(mysqli_num_rows($albumQuery) == 0) {
            echo "<span class='noResults'>No albums found matching " . $term . "</span>";
        }

        while($row = mysqli_fetch_array($albumQuery)) {

            echo "<div class='gridViewItem'>
                    <span role='link' tabindex='0' onclick='openPage(\"album.php?id=" .
$row['id'] . "\")'>
                        <img src='" . $row['artworkPath'] . "'>

                        <div class='gridViewInfo'>"
                            . $row['title'] .
                        "</div>
                    </span>

                </div>";



        }
    ?>

</div>

<nav class="optionsMenu">
    <input type="hidden" class="songId">
    <?php echo Playlist::getPlaylistsDropdown($con, $userLoggedIn->getUsername()); ?>
</nav>
```

```
<?php
include("includes/includedFiles.php");
?>

<div class="entityInfo">

        <div class="centerSection">
                <div class="userInfo">
                        <h1><?php echo $userLoggedIn->getFirstAndLastName(); ?></h1>
                </div>
        </div>

        <div class="buttonItems">
                <button class="button" onclick="openPage('updateDetails.php')">USER DETAILS</button>
                <button class="button" onclick="logout()">LOGOUT</button>
        </div>


</div>

<?php
include("includes/includedFiles.php");
?>

<div class="userDetails">

    <div class="container borderBottom">
        <h2>EMAIL</h2>
        <input type="text" class="email" name="email" placeholder="Email address..." value="<?php echo
$userLoggedIn->getEmail(); ?>">
        <span class="message"></span>
        <button class="button" onclick="updateEmail('email')">SAVE</button>
    </div>

    <div class="container">
        <h2>PASSWORD</h2>
        <input type="password" class="oldPassword" name="oldPassword" placeholder="Current password">
        <input type="password" class="newPassword1" name="newPassword1" placeholder="New password">
        <input type="password" class="newPassword2" name="newPassword2" placeholder="Confirm password">
        <span class="message"></span>
        <button class="button" onclick="updatePassword('oldPassword', 'newPassword1',
'newPassword2')">SAVE</button>
    </div>

</div>


<?php
include("includes/includedFiles.php");
```

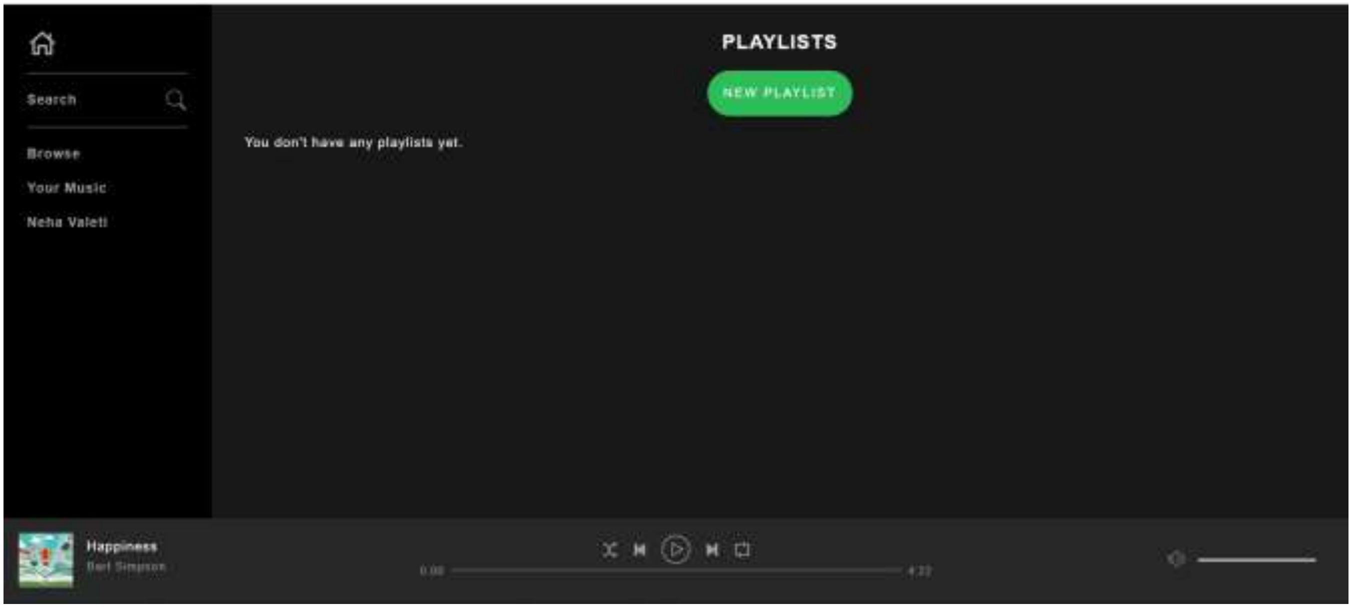
```
?>

<div class="playlistsContainer">

	<div class="gridViewContainer">
		<h2>PLAYLISTS</h2>

		<div class="buttonItems">
			<button class="button green" onclick="createPlaylist()">NEW PLAYLIST</button>
		</div>



		<?php
			$username = $userLoggedIn->getUsername();

			$playlistsQuery = mysqli_query($con, "SELECT * FROM playlists WHERE 
owner='$username'");

			if(mysqli_num_rows($playlistsQuery) == 0) {
				echo "<span class='noResults'>You don't have any playlists yet.</span>";
			}

			while($row = mysqli_fetch_array($playlistsQuery)) {

				$playlist = new Playlist($con, $row);

				echo "<div class='gridViewItem' role='link' tabindex='0' 
							onclick='openPage(\"playlist.php?id=" . $playlist-
>getId() . "\")'>

						<div class='playlistImage'>
							<img src='assets/images/icons/playlist.png'>
						</div>

						<div class='gridViewInfo'>"
							. $playlist->getName() .
						"</div>

					</div>";



			}
		?>




	</div>

</div>
```

```
<?php
include("includes/includedFiles.php");
?>

<h1 class="pageHeadingBig">You Might Also Like</h1>

<div class="gridViewContainer">

    <?php
        $albumQuery = mysqli_query($con, "SELECT * FROM albums ORDER BY RAND() LIMIT 10");

        while($row = mysqli_fetch_array($albumQuery)) {



            echo "<div class='gridViewItem'>
                    <span role='link' tabindex='0' onclick='openPage(\"album.php?id=" . $row['id'] . "\")'>
                        <img src='" . $row['artworkPath'] . "'>

                        <div class='gridViewInfo'>"
                            . $row['title'] .
                        "</div>
                    </span>

                </div>";



        }
    ?>

</div>
```



Search for an artist, album or song

Start typing...



You don't have any playlists yet.