



EXPLORE MUSIC WITH US



Team project

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musify**me** team

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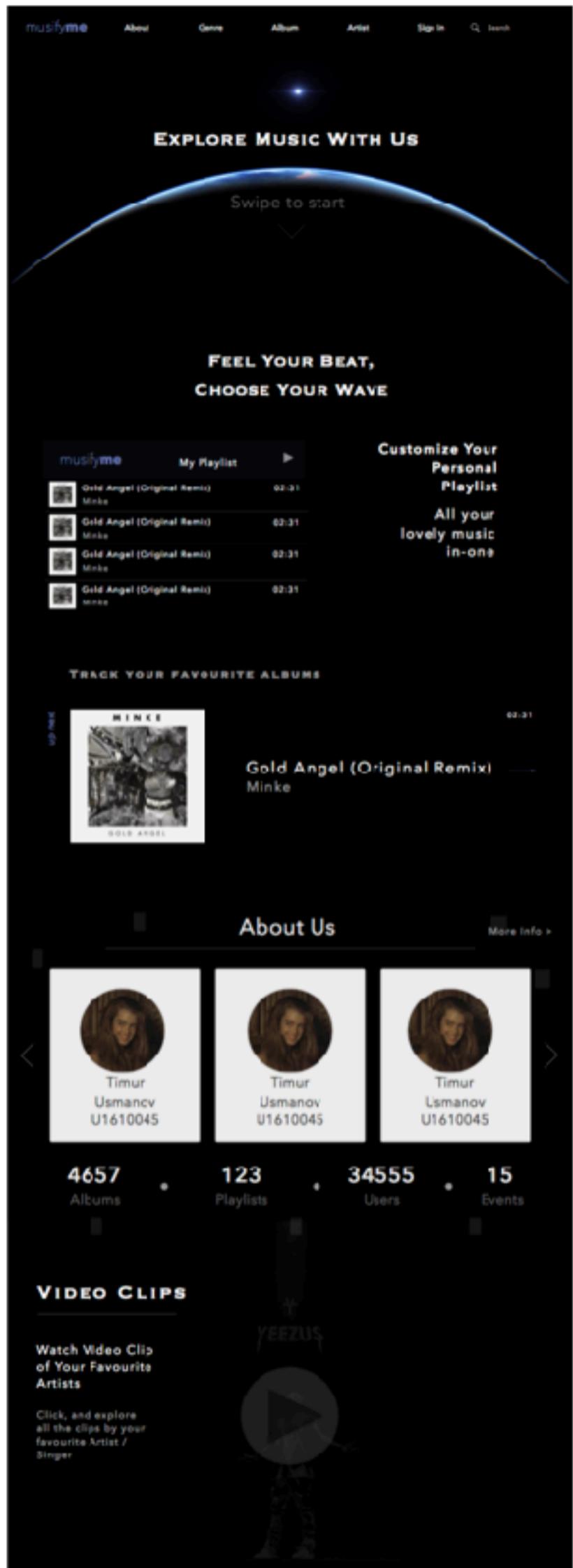
“Music is human’s soul”

ABOUT US

musifyme

- a new generation of musical online player, where you can embody any your musical taste or favor. Customize your personal heartfelt playlist with the much more lovely songs. Track new songs by genres, artists and albums. “Like” any song, and it would be automatically added to the list of your personal playlist. Dive into the musical culture, live with tempo and vibrations of each song performance. Watch video clips of your favorite artists. Get info about their life. Scroll all albums to choose. Technologies in use: HTML5, CSS3, JS Vanilla, JQuery, Bootstrap, PHP Laravel

Landing page of the website →
(HTML5, CSS3)



Track any random playlist of
the best songs ever,
assembled by our team
(EcmaScript random songs, built-in script,
we made it by our self)

Play with scroll view and play
any random album You like
(EcmaScript Carousel Effect, built-in script,
we made it by our self)

Get quick info about
musifyme team (EcmaScript
Carousel Effect, built-in script, we made it
by our self)

Watch any random video clip
of the best artists ever (using
Youtube url, iframe + JavaScript)

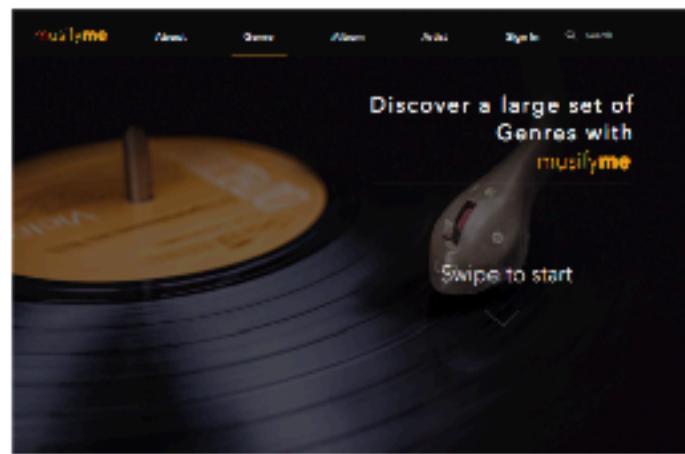


“musifyme”

GENRES

Genre - a type of music. It has a soul. It has a rhythm. With musify**me** You can get great entertainment of separate sections of genres. Track songs by three major genres (more 4 would be added later on*): Rock, Hip-Hop, Classics. Select any album, listen to it, love it.

Landing page of the website
(HTML5, CSS3)



Rock & Punk genre, all music
categorized by this type of
music (EcmaScript, Jquery)



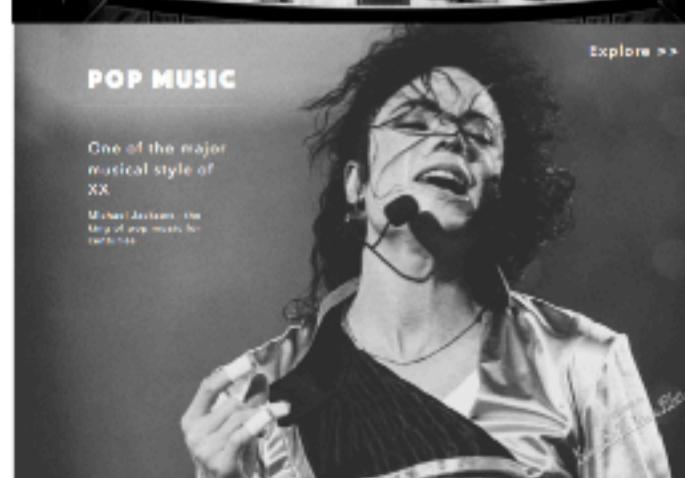
Hip-Hop Music, You can play
random playlist of the best
hip-hop songs ever made by
the humanity (EcmaScript, PHP)



Classical music is for
centuries (using EcmaScript, JQuery,
CSS3)



Pop music* (added page
later on, (using EcmaScript, JQuery,
CSS3))





Scroll & in-
deep into the
ocean of
albums

“musifyme”

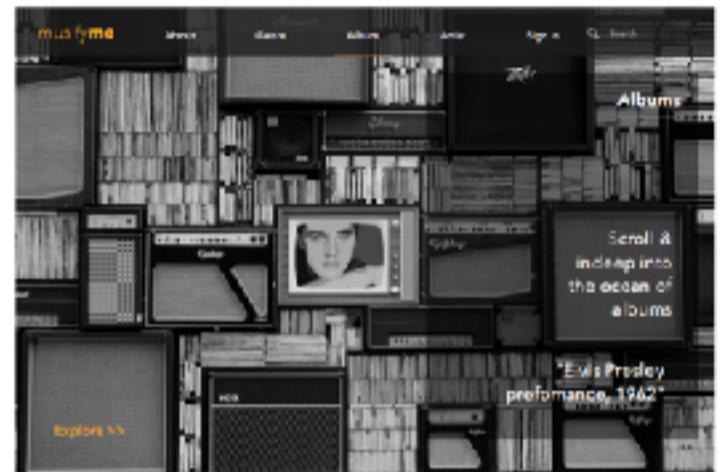
ALBUMS

Albums - the easiest way to track any Your lovely songs by Your favourite artist. Enables You to use beautiful parallax effect scroll view with all albums available on the database of musify**me**

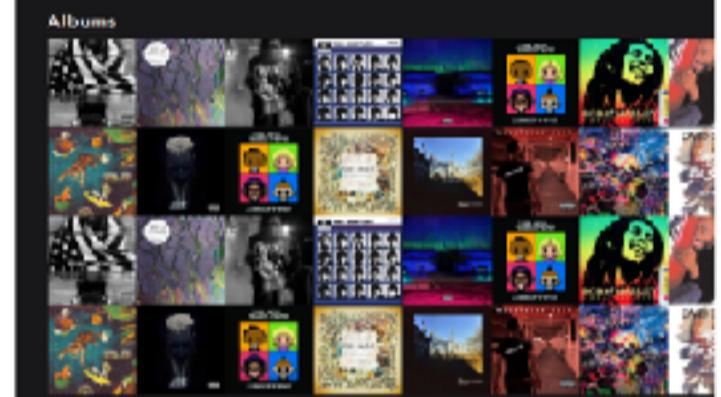
Albums - listen to a large library of various albums



(EcmaScript, CSS3, PHP



Parallax effect scroll view of albums (using EcmaScript, JQuery, CSS3)



Grammy awards music songs
(using EcmaScript, JQuery, CSS3))



K A N Y E W E S T



“musifyme”

ARTISTS

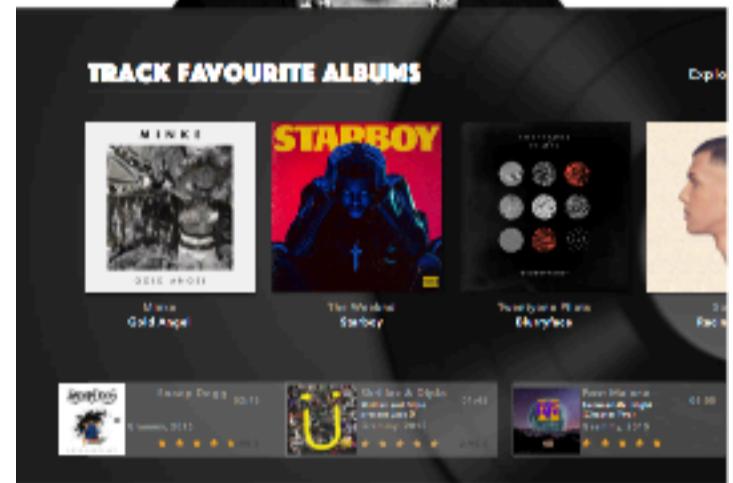
Albums - the easiest way to track any Your lovely songs by Your favourite artist. Enables You to use beautiful parallax effect scroll view with all albums available on the database of musify**me**

Landing page of the website
(HTML5, CSS3)



K A N Y E W E S T

"Letz the beat
bounce"



Parallax effect with top tracks
of the artist and new albums
You can either like it or listen
to it (EcmaScript, Jquery)



Read short biography about
certain artist (css3, PHP)



Biography

[Watch Video Clip
of Your Favourite
Artist](#)

[Click and explore
all the clips by your
favourite Artist /
Singer](#)



Random playlist of the songs
by \$this->artist (using EcmaScript,
JQuery, CSS3)



Video clips by this artist (using
EcmaScript, JQuery, CSS3))



Video Clips

[Watch Video Clip
of Your Favourite
Artist](#)

[Click and explore
all the clips by your
favourite Artist /
Singer](#)



HIP-HOP

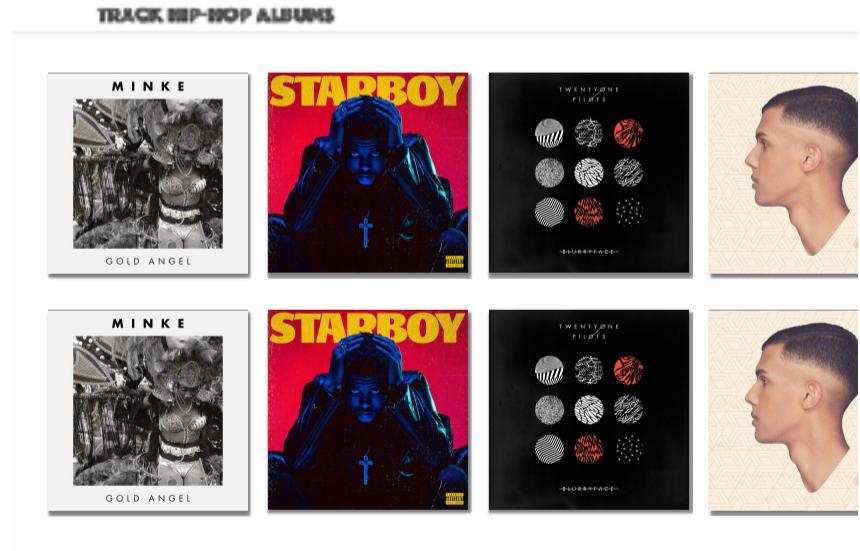
Landing page(css3, PHP)



Short-Video introduction
about this genre(using EcmaScript,
JQuery, CSS3)



All albums of this genre (using
EcmaScript, JQuery, CSS3))



ROCK & PUNK

Landing page (EcmaScript, Jquery)



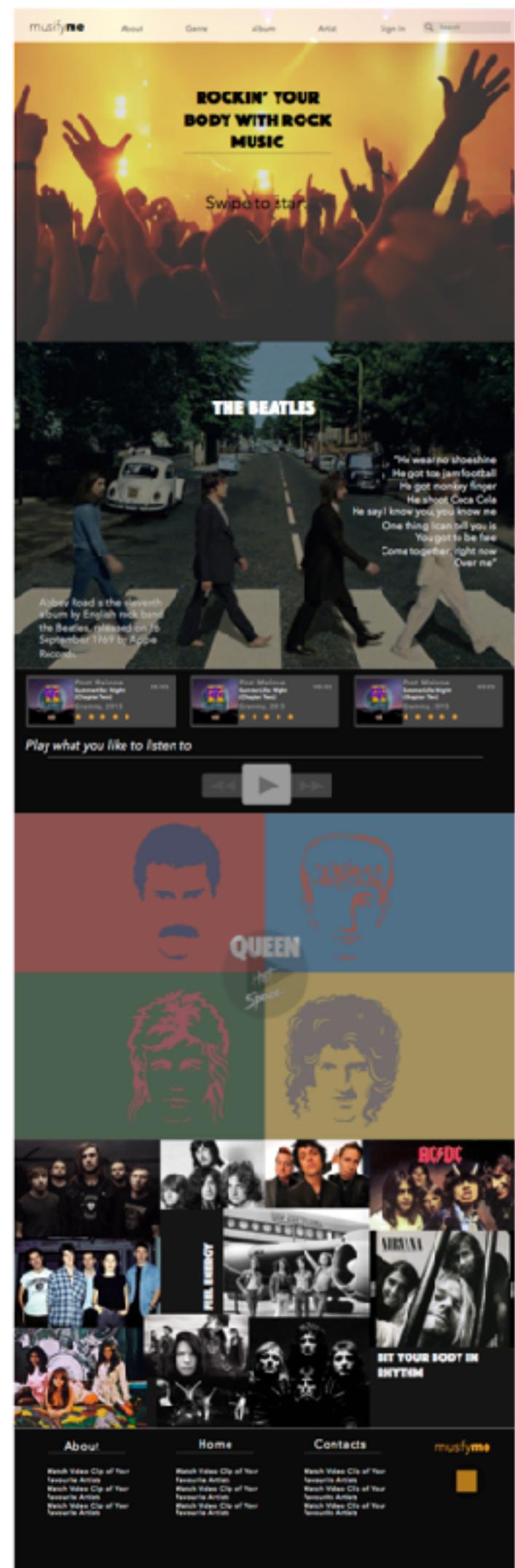
Artist page, (Here The Beatles), used to show uniqueness of this artist/band (css3, PHP) Track albums/Song and like and listen



Video-Clips/Concerts of this artist (using EcmaScript, JQuery, CSS3)

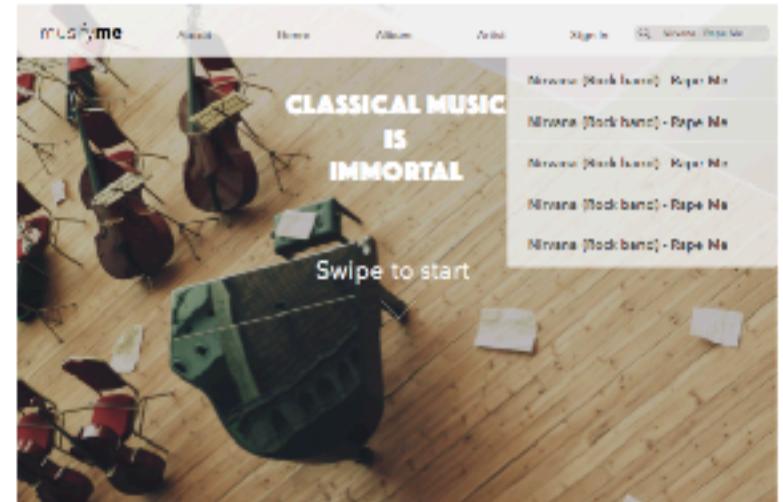


Unique animation effects implemented with JS, JQuery, Bootstrap, CSS3. Whilst the cursor hovers image of the artist/band, random song of this artist plays. If you click on it, you go to the artist/band personal page

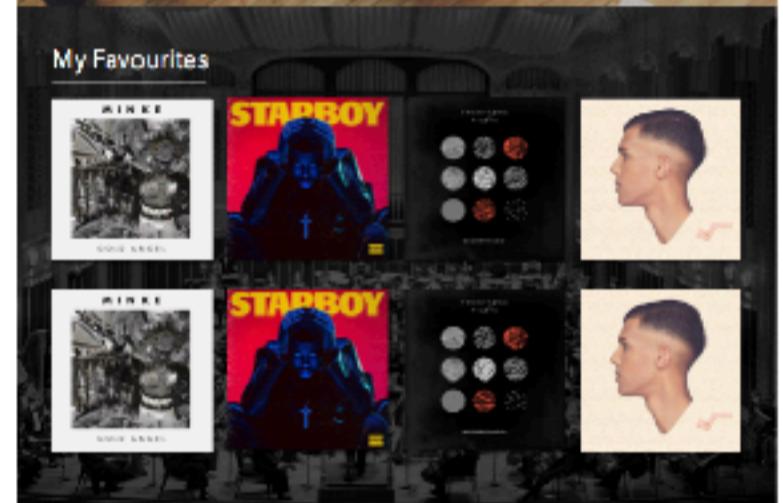


CLASSICS

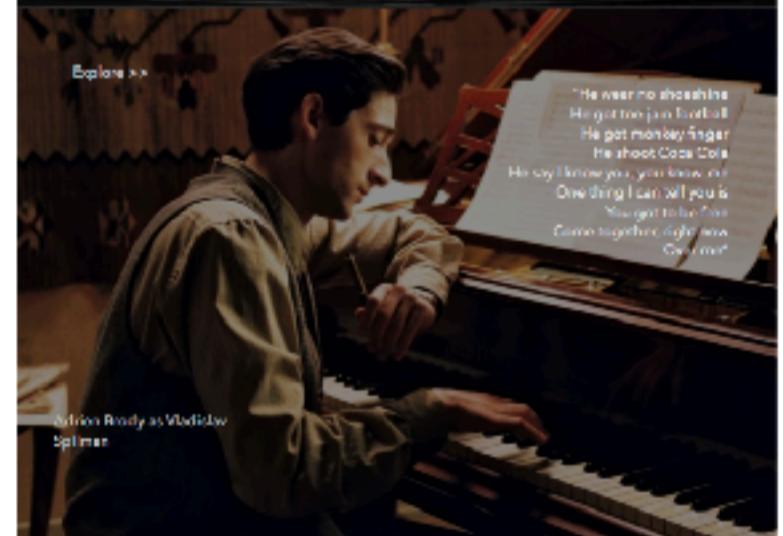
Landing page (EcmaScript, Jquery)



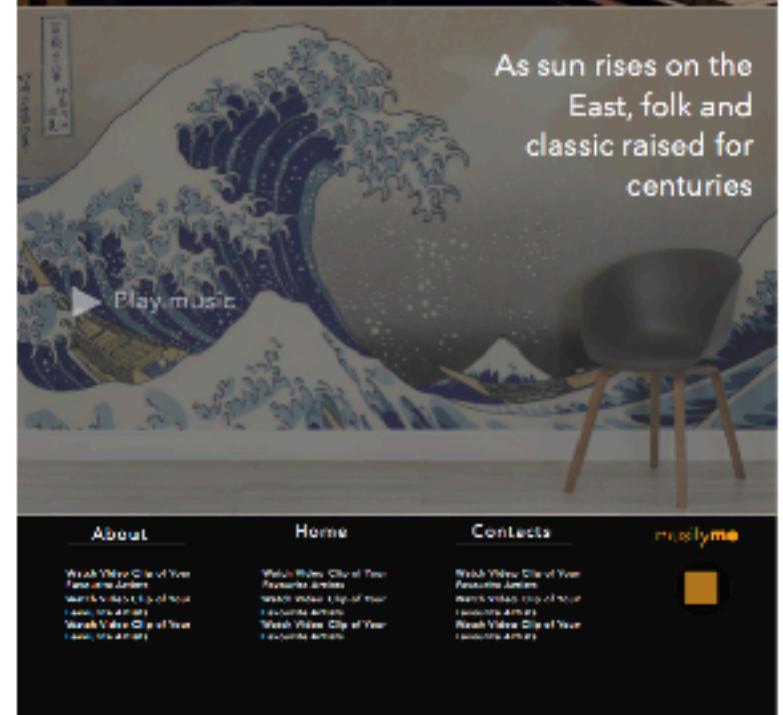
Classics, albums of this genre (CSS3, JS)



Video-Clips/Concerts of this artist (using EcmaScript, JQuery, CSS3)



Folk music - you can play any random song of the playlist



USER'S PROFILE

Your personal page, customizable, your liked songs are listed in the favourite playlist. Shows basic info about you. You can change your data here



The screenshot shows the user profile for Jeremy Paulsen. At the top, there's a profile picture of a young man wearing a cap and a t-shirt that says "Thanks for the memories". Below the picture, it says "18 years old" and "Brooklyn, NY, USA". To the right, there's a "My Playlist" section showing four entries for "Summertime feat. Elsa Fitzgerald" by Post Malone, each 0:23 long. Below that is a "My Favourites" section featuring album covers for "GOLD ANGEL" by MINKE, "STARBOY" by Post Malone, "TWENTIETH FLIGHT" by Incubus, and a portrait of Post Malone. At the bottom, there are links for "About", "Home", "Contacts", and the "musifyme" logo.

Albums you track frequently



This screenshot shows a grid of album covers for "GOLD ANGEL" by MINKE, "STARBOY" by Post Malone, and "TWENTIETH FLIGHT" by Incubus, arranged in two rows of three. The background features a large image of a person holding up various musical instruments like guitars and keyboards. At the bottom, there are links for "About", "Home", "Contacts", and the "musifyme" logo, along with links to "Watch Video Clip of Your Favourite Artists" repeated three times.

ADMIN PANEL

1. To open the admin page - open '/admin' route, email - 'admin@mail.ru' and password - '123456';

2. Then, you are redirected to page of Users:

The screenshot shows a Windows desktop environment. At the top, there's a taskbar with various icons including Start, File Explorer, and several application icons. The main window is a browser titled "Users Table" with the URL "musicme/public/admin/users". The page content is a table with three rows of user data:

#	E-mail	Name	Photo	
1	user1	User One	Show	Delete
2	user@mail.ru	User	Show	Delete
3	admin@mail.ru	Admin	Show	Delete

Here, you can only see the information about users and delete user by clicking the button 'Delete', which performs AJAX-request to the server and delete the user from data base.

The screenshot shows a Windows desktop environment. The taskbar at the bottom has icons for Start, File Explorer, and several application icons. The main window is a browser titled "Users Table" with the URL "musicme/public/admin/users". The page content is a table with four rows of user data:

#	E-mail	Name	Photo	
1	user1	User One	Show	Delete
2	user2	User Two	Show	Delete
3	user@mail.ru	User	Show	Delete
4	admin@mail.ru	Admin	Show	Delete

All 'Delete' buttons in Admin Page are working due to AJAX-request.

3. In Genres page you can perform addition, edition, and deletion of genre.

If you add genre:

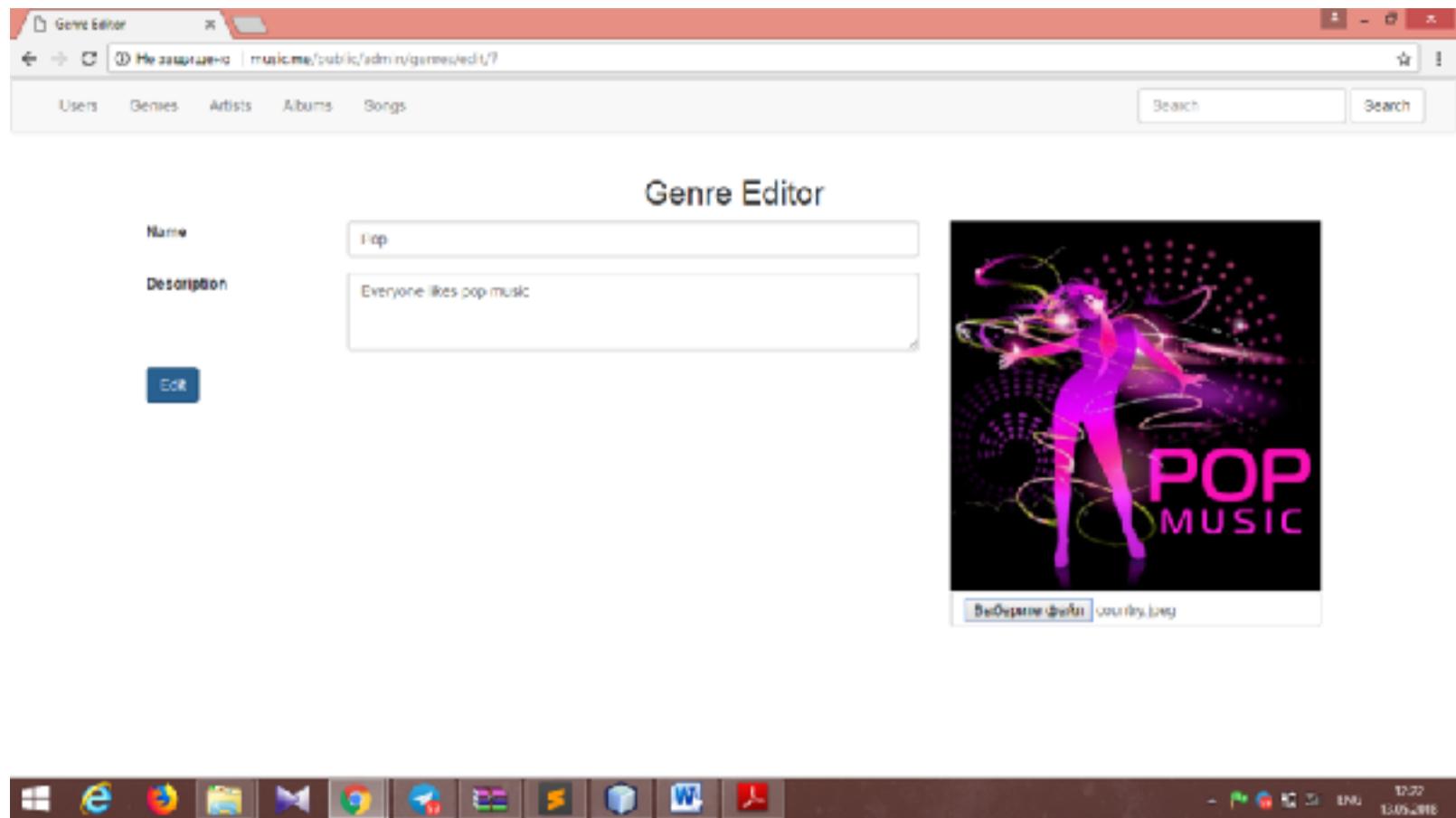
The screenshot shows a Windows-style window titled 'Add Genre'. The URL in the address bar is 'music.me/public/admin/genres/add'. The window contains tabs for 'Users', 'Genres', 'Artists', 'Albums', and 'Songs'. There are two search bars at the top right. The main area is titled 'Add Genre' and has fields for 'Name' (containing 'Pop') and 'Description' (containing 'Pop music is popular for all times'). A file input field shows 'Выберите файл' and 'pop.jpeg'. A 'Save' button is at the bottom left.

Save, and in Genre Page a record of Pop music is added:

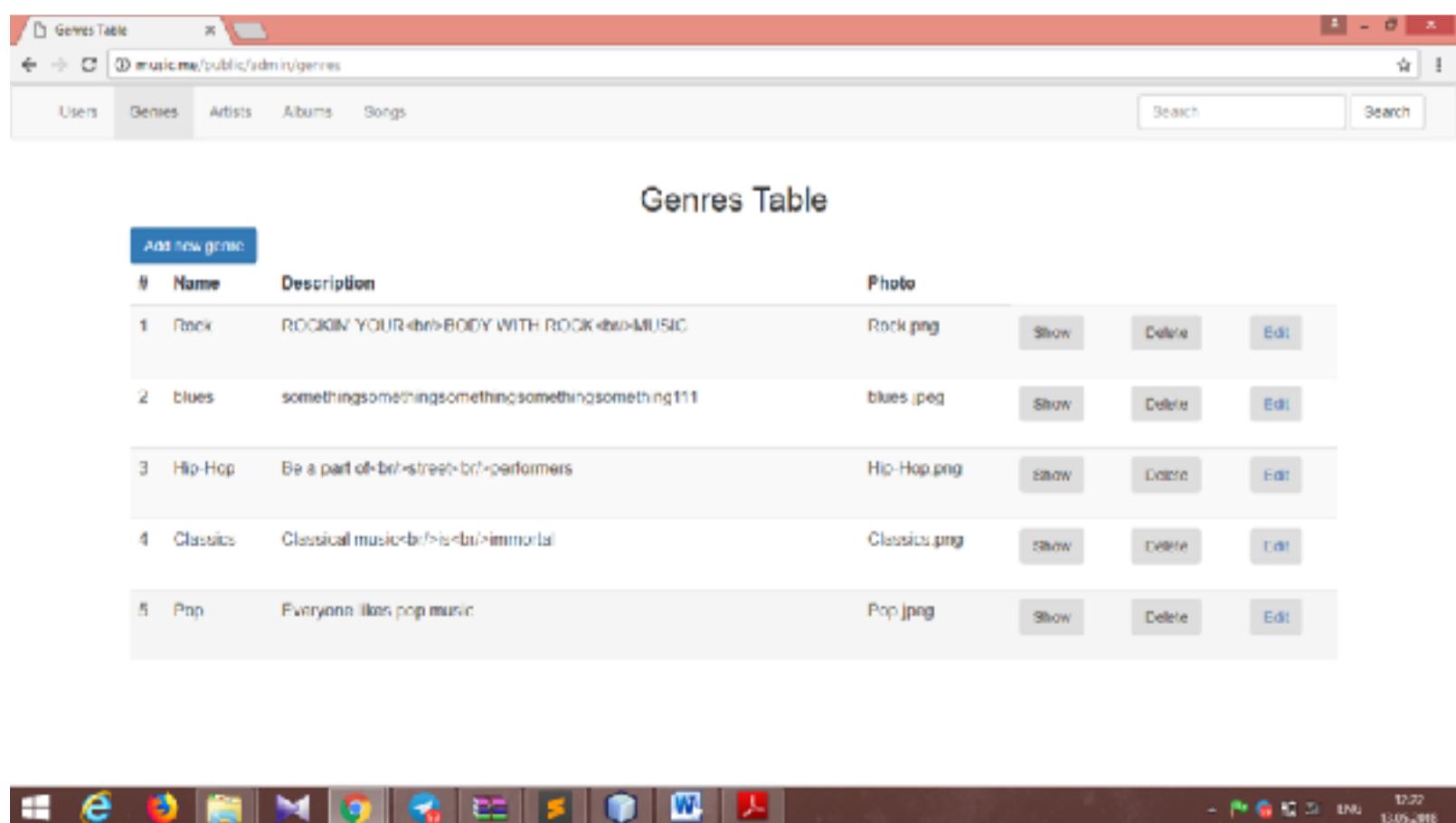
The screenshot shows a Windows-style window titled 'Genres Table'. The URL in the address bar is 'music.me/public/admin/genres'. The window contains tabs for 'Users', 'Genres', 'Artists', 'Albums', and 'Songs'. There are two search bars at the top right. The main area is titled 'Genres Table' and features a table with the following data:

#	Name	Description	Photo	Show	Delete	Edit
1	Rock	ROCKIN' YOUR BODY WITH ROCK MUSIC	Rock.png	Show	Delete	Edit
2	blues	somethingsomethingsomethingsomething111	blues.jpeg	Show	Delete	Edit
3	Hip-Hop	Be a part of street performers	Hip-Hop.png	Show	Delete	Edit
4	Classics	Classical music is immortal	Classics.png	Show	Delete	Edit
5	Pop	Pop music is popular for all times	Pop.jpg	Show	Delete	Edit

If you edit the record of Pop music (for example, change the 'description' and 'photo'):



After edition the 'description' and 'photo' are changed:



Screenshot of a web application showing the 'GenresTable' page. The 'Genres' tab is selected. A modal window titled 'Picture' displays a thumbnail of a guitar. The main table lists five genres:

#	Name	Description	Photo	Show	Delete	Edit
1	Rock	ROCKIN YOUR BODY WITH ROCK & MUSIC	Rock.png	Show	Delete	Edit
2	blues	somethingsomethingsomethingsomething111	blues.jpeg	Show	Delete	Edit
3	Hip-Hop	Be a part of street performers	Hip-Hop.png	Show	Delete	Edit
4	Classics	Classical music is immortal	Classics.png	Show	Delete	Edit
5	Pop	Everyone likes pop music	Pop.jpg	Show	Delete	Edit

At the bottom of the screen, the Windows taskbar shows various pinned icons and the system tray indicates the date as 13.05.2018.

Also, you can delete the record of Pop music

Screenshot of the same web application after deleting the 'Pop' genre. The 'Genres' tab is still selected. The table now shows four genres:

#	Name	Description	Photo	Show	Delete	Edit
1	Rock	ROCKIN YOUR BODY WITH ROCK & MUSIC	Rock.png	Show	Delete	Edit
2	blues	somethingsomethingsomethingsomething111	blues.jpeg	Show	Delete	Edit
3	Hip-Hop	Be a part of street performers	Hip-Hop.png	Show	Delete	Edit
4	Classics	Classical music is immortal	Classics.png	Show	Delete	Edit

At the bottom of the screen, the Windows taskbar shows various pinned icons and the system tray indicates the date as 13.05.2018.

4. In Artists page you can perform addition, edition, and deletion of genre.

Artists Table

Add new artist

#	Name	Biography	Photo	Quote	Genres		
1	Christina Aguilera	Aguilera has been recognized as a pop icon and earned the title "Pop Princess" in her early years. Her work has earned her five Grammy Awards, one Latin Grammy Award, and a star on the Hollywood Walk of Fame. Throughout her career, she has sold more than 50 million records worldwide. In 2009, she ranked at number 50 on Rolling Stone's list of 100 Greatest Singers of All Time, thereby becoming the youngest and the only artist under 30 to be named.	Show	Something	blues,	Delete	Edit
2	ACDC	Something Something Something 12345	Show	Something Something	Rock,	Delete	Edit
3	Metallica	Metal! Metal! Metal!	Show	Yessss	Rock,	Delete	Edit
4	Eminem	Eminem is the best-selling artist of the 2000s in the United States. Throughout his career, he has had 10 number-one albums on the Billboard 200 and five number-one singles on the Billboard Hot 100. With 47.4 million albums sold in the US and 220 million records globally, he is among the world's best-selling artists of all time and is consistently cited as one of the greatest and most influential artists in any genre.	Show	I love Hip-Hop	Hip-Hop,	Delete	Edit

pic.jpg 26-Michael-jackson.jpg Показать все X

Windows Taskbar: Internet Explorer, Firefox, File Explorer, Google Chrome, Mail, FileZilla, WinRAR, Microsoft Word, Microsoft Excel

Artists Table

Add new artist

#	Name	Biography	Picture	Genres
1	Christina Aguilera	Aguilera has been recognized as a pop icon and earned the title "Pop Princess" in her early years. Her work has earned her five Grammy Awards, one Latin Grammy Award, and a star on the Hollywood Walk of Fame. Throughout her career, she has sold more than 50 million records worldwide. In 2009, she ranked at number 50 on Rolling Stone's list of 100 Greatest Singers of All Time, thereby becoming the youngest and the only artist under 30 to be named.		blues,
2	ACDC	Something Something	Show	Rock,
3	Metallica	Metal! Metal! Metal!	Show	Rock,
4	Eminem	Eminem is the best-selling artist of the 2000s in the United States. Throughout his career, he has had 10 number-one albums on the Billboard 200 and five number-one singles on the Billboard Hot 100. With 47.4 million albums sold in the US and 220 million records globally, he is among the world's best-selling artists of all time and is consistently cited as one of the greatest and most influential artists in any genre.	Show	I love Hip-Hop

pic.jpg 26-Michael-jackson.jpg Показать все X

Windows Taskbar: Internet Explorer, Firefox, File Explorer, Google Chrome, Mail, FileZilla, WinRAR, Microsoft Word, Microsoft Excel

Addition, Edition and Deletion is analogous to Genres Page.

5. In Albums Page:

Albums Table

#	Name	Photo	Artist	Genres	Songs	Delete	Edit
1	Highway to Hell	Show	ACDC	Rock blues	Highway to Hell Whole Lotta Rosie Night Prowler	Delete	Edit
2	Back in Black	Show	ACDC	Rock	Back In Black	Delete	Edit
3	Back to Basics	Show	Christina Aguilera			Delete	Edit
4	Stripped	Show	Christina Aguilera			Delete	Edit
5	Hardwired...to self-destruct	Show	Metallica	Rock	When A Blind Man Cries	Delete	Edit

If you want to add a new album:

Add Album

Name: Black Album (Metallica)

Photo: Выберите файл

Artist: Metallica

Save

And in the Albums page there is a new album, but without songs (songs and genres will be added in Songs page):

Albums Table

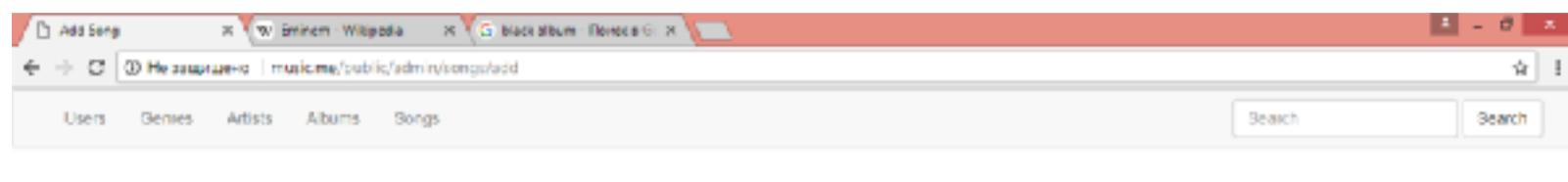
	Name	Photo	Artist	Genres	Songs	Delete	Edit
1	Highway to Hell	Show	ACDC	Rock blues	Highway to Hell Whole Lotta Rosie Night Prowler	Delete	Edit
2	Back in Black	Show	ACDC	Rock	Back In Black	Delete	Edit
3	Back to Basics	Show	Christina Aguilera			Delete	Edit
4	Stripped	Show	Christina Aguilera			Delete	Edit
5	Hardwired...to self destruct.	Show	Metallica	Rock	When A Blind Man Cries	Delete	Edit
6	Black Album(Metallica)	Show	Metallica			Delete	Edit

6. In Songs Page:

Songs Table

	Name	Song	Photo	Rate	Duration	Album	Artist	Genre	Delete	Edit
1	Highway to Hell	Highway to Hell.mp3	Show	3	3:28	ACDC	Highway to Hell	Rock	Delete	Edit
2	Whole Lotta Rosie	Whole Lotta Rosie.mp3	Show	0	5:20	ACDC	Highway to Hell	Rock	Delete	Edit
3	Night Prowler	Night Prowler.mp3	Show	2	0:28	ACDC	Highway to Hell	blues	Delete	Edit
4	Back In Black	Back In Black.mp3	Show	0	4:16	ACDC	Back in Black	Rock	Delete	Edit
5	When A Blind Man Cries	When A Blind Man Cries.mp3	Show	0	5:30	Metallica	Hardwired...to self-destruct	Rock	Delete	Edit

If you add a new song (in this example we add a song of new album 'Black Album'):



A new song is added:

A screenshot of a Windows desktop showing a browser window titled 'Songs Table'. The address bar shows the URL 'music.me/public/admin/songs'. The main content area is a table listing songs. The columns are: #, Name, Song, Photo, Rate, Duration, Album, Artist, and Genre. The table contains the following data:

#	Name	Song	Photo	Rate	Duration	Album	Artist	Genre
1	Highway to Hell	Highway to Hell.mp3	Show	3	3:28	ACDC	Highway to Hell	Rock
2	Whole Lotta Rosie	Whole Lotta Rosie.mp3	Show	0	5:20	ACDC	Highway to Hell	Rock
3	Night Prowler	Night Prowler.mp3	Show	2	6:28	ACDC	Highway to Hell	blues
4	Back In Black	Back In Black.mp3	Show	0	4:18	ACDC	Back in Black	Rock
5	When A Blind Man Cries	When A Blind Man Cries.mp3	Show	0	5:39	Metallica	Hardwired...to self-destruct	Rock
6	Nothing Else Matters	Nothing Else Matters.mp3	Show	0	6:28	Metallica	Black Album(Metallica)	Rock

A screenshot of the Windows taskbar. It shows several open application windows: 'Metallica.Album.jpg', 'sk.jpg', and '09-Michael-Jackson.jpg'. The system tray shows the date and time as '12:30 13.05.2018'.

And now in Albums Page there is a new song in the recently-added album and genre of the song as well:

Albums Table

	Name	Photo	Artist	Genres	Songs	Delete	Edit
1	Highway to Hell	Show	ACDC	Rock blues	Highway to Hell Whole Lotta Rosie Night Prowler	Delete	Edit
2	Back in Black	Show	ACDC	Rock	Back In Black	Delete	Edit
3	Back to Basics	Show	Christina Aguilera			Delete	Edit
4	Stripped	Show	Christina Aguilera			Delete	Edit
5	Hardwired...to self-destruct	Show	Metallica	Rock	When A Blind Man Cries	Delete	Edit
6	Black Album(Metallica)	Show	Metallica	Rock	Nothing Else Matters	Delete	Edit

7. Additional features:

a. Search:

In navigation bar there is a search input, which searches the record, basing on name in the whole admin page:

For example enter 'metal':

Albums Table

	Name	Photo	Artist	Genres	Songs	Delete	Edit
1	Highway to Hell	Show	ACDC	Rock blues	Highway to Hell Whole Lotta Rosie Night Prowler	Delete	Edit
2	Back in Black	Show	ACDC	Rock	Back In Black	Delete	Edit
3	Back to Basics	Show	Christina Aguilera			Delete	Edit
4	Stripped	Show	Christina Aguilera			Delete	Edit
5	Hardwired...to self-destruct	Show	Metallica	Rock	When A Blind Man Cries	Delete	Edit
6	Black Album(Metallica)	Show	Metallica	Rock	Nothing Else Matters	Delete	Edit

You get Albums and Artists, whose name is similar to entered string 'metal':

The screenshot shows a Windows taskbar at the bottom with icons for File Explorer, Internet Explorer, Mozilla Firefox, Google Chrome, and others. The main window is titled 'Results of search' and displays two tables. The first table lists an album: 'Black Album(Metallica)' by Metallica with songs 'Nothing Else Matters'. The second table lists an artist: 'Metallica' with biography 'Metallica Metallica Metallica', photo 'Show', quote 'Yeaah', and genres 'Rock, Heavy metal'. Both tables have 'Delete' and 'Edit' buttons.

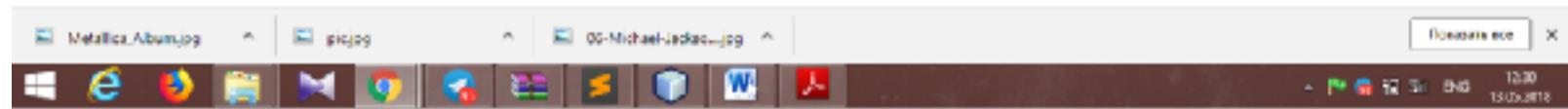
Results of search

Result: Albums

Result: Artists

#	Name	Photo	Artist	Songs	Delete	Edit
1	Black Album(Metallica)	Show	Metallica	Nothing Else Matters		

#	Name	Biography	Photo	Quote	Genres	Delete	Edit
1	Metallica	Metallica Metallica Metallica	Show	Yeaah	Rock, Heavy metal		



Or enter in Search 'Highway to Hell':

b.Validation:

All fields in Admin Page are required, otherwise the message about error

The screenshot shows a Windows taskbar at the bottom with icons for File Explorer, Internet Explorer, Mozilla Firefox, Google Chrome, and others. The main window is titled 'Add Song' and contains five input fields: 'Name' (placeholder 'Fill the field name'), 'Song' (placeholder 'Выберите файл! Ошибки не выбраны'), 'Rate' (placeholder 'Fill the field rate'), 'Photo' (placeholder 'Выберите файл! С файлом не выбран'), 'Genre' (placeholder 'Choose Genre'), 'Album' (placeholder 'Choose Album'), and 'Artist' (placeholder 'Choose Artist'). A 'Save' button is at the bottom left.

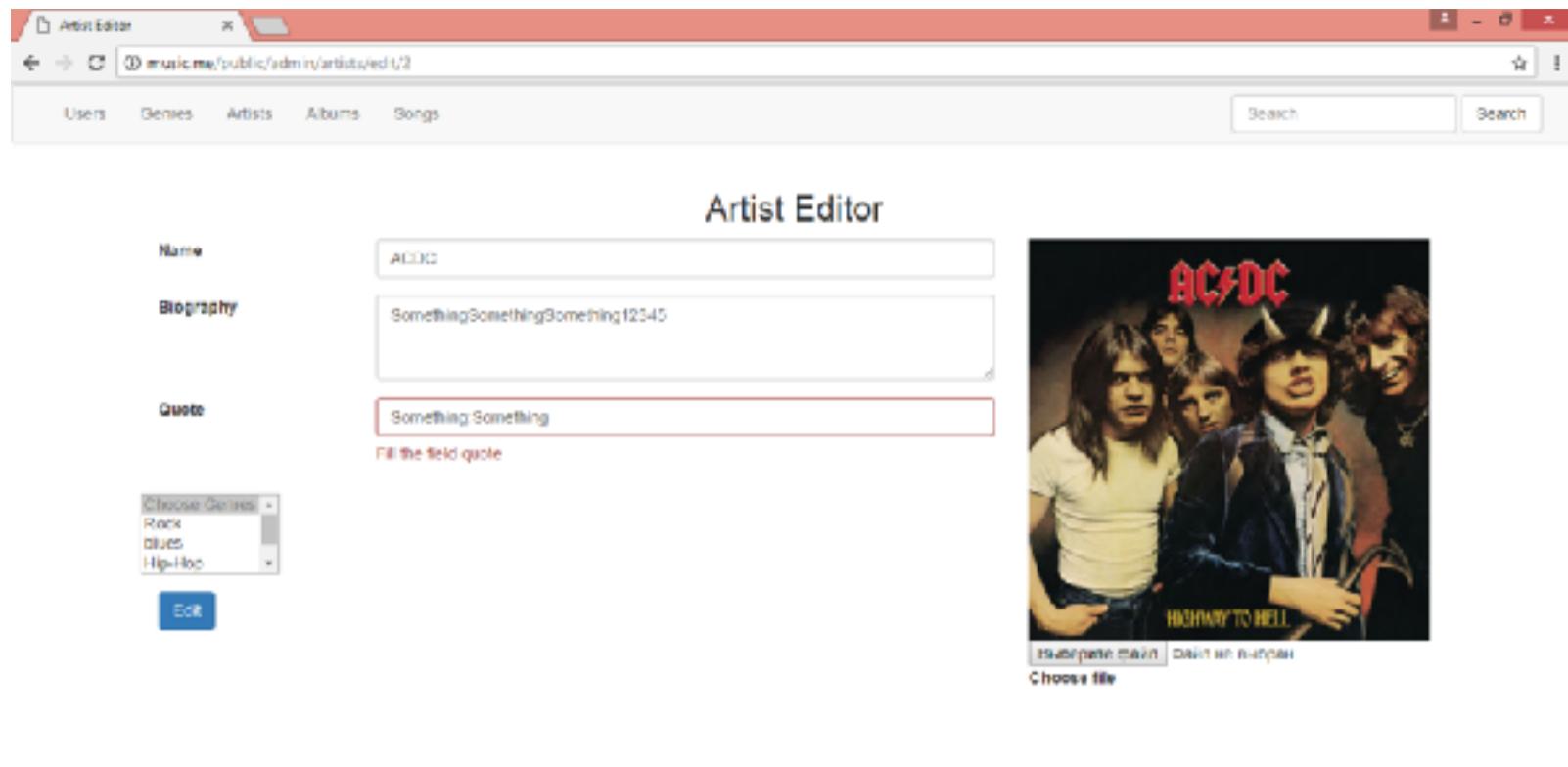
Add Song

Name	<input type="text" value="Name"/> Fill the field name	Photo	<input type="file"/> Выберите файл! С файлом не выбран
Song	<input type="file"/> Выберите файл! Ошибки не выбраны	Genre	<input type="text" value="Choose Genre"/> Fill the field genre
Rate	<input type="text" value="Rate"/> Fill the field rate	Album	<input type="text" value="Choose Album"/> Fill the field album
		Artist	<input type="text" value="Choose Artist"/> Fill the field artist

Save



appears:



A horizontal taskbar at the bottom of the screen showing icons for various open applications: File Explorer, Mail, Photos, and others.

Laravel structure overview

One of the main features of the project is the use of Laravel framework, and compliance of the project to the MVC architecture.



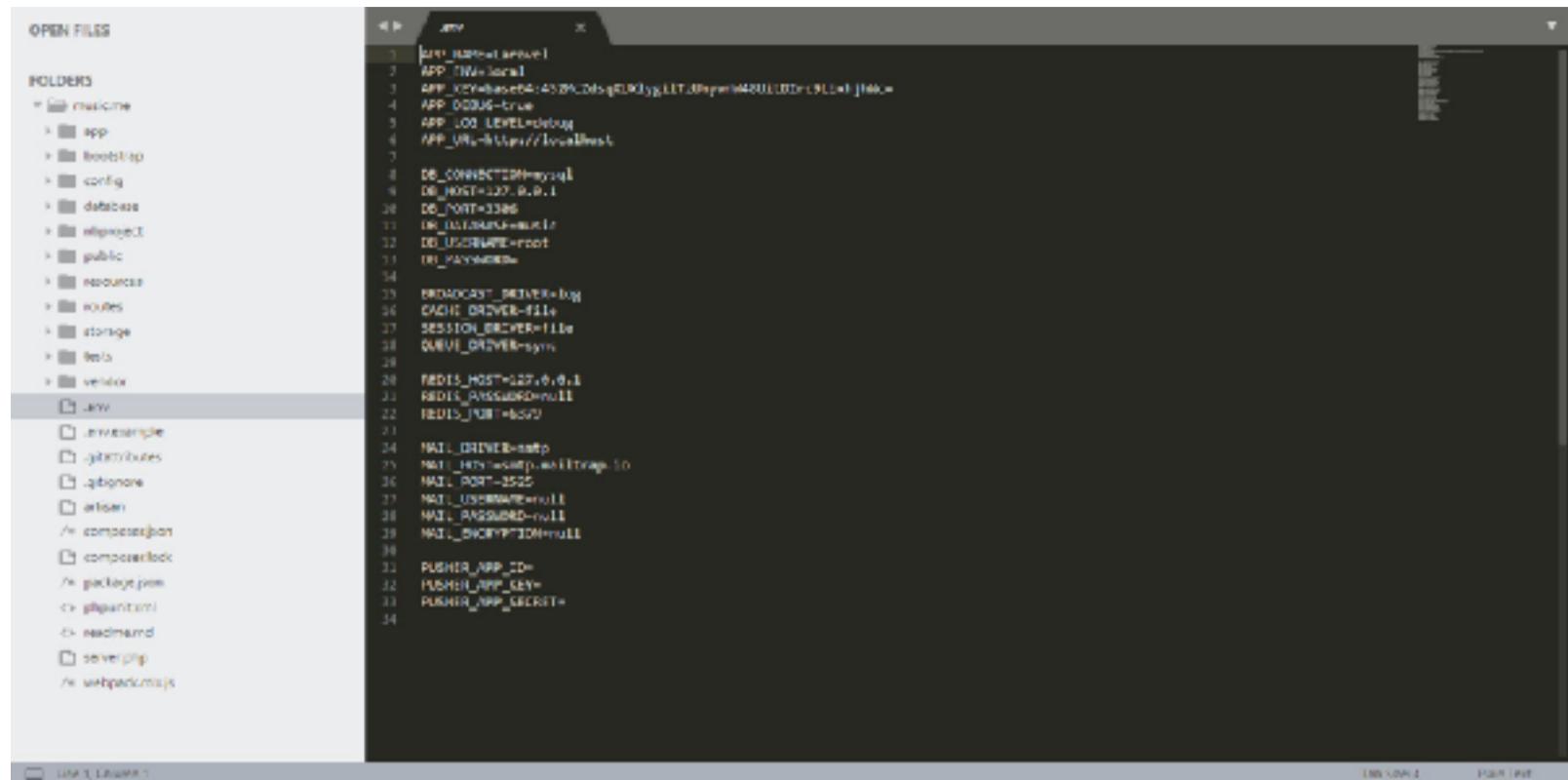
The screenshot shows a code editor with a sidebar containing a file tree. The sidebar lists several files under the 'migrations' directory, including various migration scripts like '2014_10_12_00000_create_users_table.php' and '2018_05_20_144605_create_albums_table.php'. The main panel displays the content of the '2014_10_12_00000_create_users_table.php' file.

```
2014_10_12_00000_create_users_table.php

1 | Open
2 |
3 | use Illuminate\Support\Str;
4 | use Illuminate\Database\Schema\Blueprint;
5 | use Illuminate\Database\Migrations\Migration;
6 |
7 | class CreateUsersTable extends Migration
8 |
9 | {
10 |     /**
11 |      * Run the migrations.
12 |      *
13 |      * @return void
14 |      */
15 |     public function up()
16 |     {
17 |         Schema::create('users', function (Blueprint $table) {
18 |             $table->increments('id');
19 |             $table->string('name');
20 |             $table->string('email')->unique();
21 |             $table->string('password');
22 |             $table->string('photo', 100)->default('default.jpg');
23 |             $table->rememberToken();
24 |             $table->timestamps();
25 |         });
26 |     }
27 |
28 |     /**
29 |      * Reverse the migrations.
30 |      *
31 |      * @return void
32 |      */
33 |     public function down()
34 |     {
35 |         Schema::dropIfExists('users');
36 |     }
37 | }
```

One of the first steps in developing the MVC architecture project was to create the database migrations and set up our database:

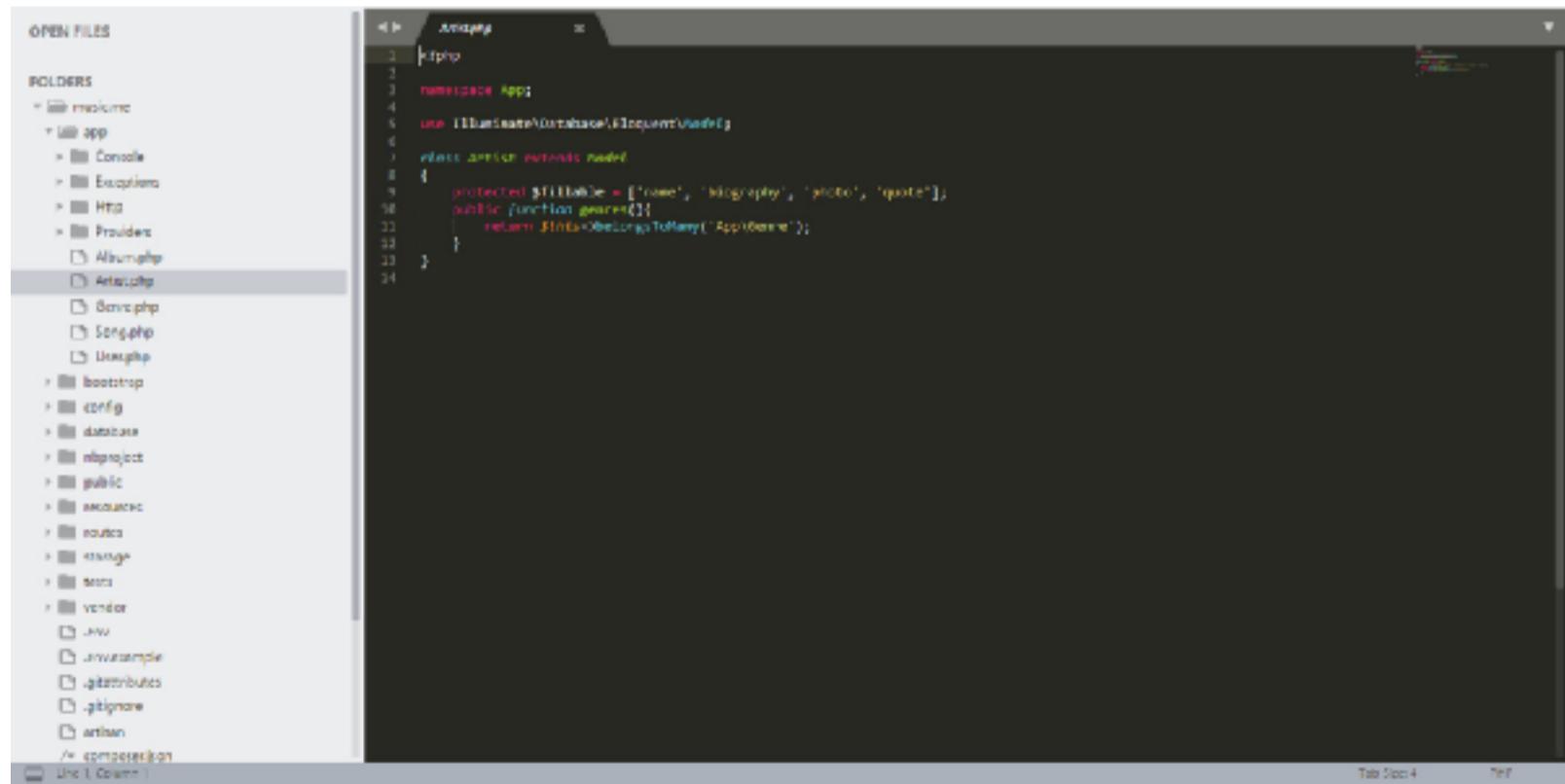
Also configuration of .env was done (login, passord):



```
OPEN FILES
FOLDERS
  - music
    - app
    - bootstrap
    - config
    - database
    - elasticsearch
    - public
    - resources
    - routes
    - storage
    - tests
    - vendor
      - .env
      - .env.example
      - .gitattributes
      - .gitignore
      - artisan
    - composer.json
    - package.json
    - README.md
    - server.php
    - webpack.mix.js

.env
1 APP_NAME=server
2 APP_ENV=local
3 APP_KEY=base64:4529cd5gRQdygLTzDyewh4ZUJUDn9LwkJH6w
4 APP_DEBUG=true
5 APP_LOG_LEVEL=debug
6 APP_URL=http://localhost
7
8 DB_CONNECTION=mysql
9 DB_HOST=127.0.0.1
10 DB_PORT=3306
11 DB_DATABASE=elastest
12 DB_USERNAME=root
13 DB_PASSWORD=
14
15 BROADCAST_DRIVER=log
16 CACHE_DRIVER=file
17 SESSION_DRIVER=file
18 QUEUE_DRIVER=sync
19
20 REDIS_HOST=127.0.0.1
21 REDIS_PASSWORD=null
22 REDIS_PORT=6379
23
24 MAIL_DRIVER=smtp
25 MAIL_HOST=smtp.sendgrid.net
26 MAIL_PORT=2525
27 MAIL_USERNAME=null
28 MAIL_PASSWORD=null
29 MAIL_ENCRYPTION=null
30
31 PUSHER_APP_ID=
32 PUSHER_APP_KEY=
33 PUSHER_APP_SECRET=
34
```

Next step was writing out the models for accessing the database. Models act as a bridge between the data base and our laravel project:



```
OPEN FILES
FOLDERS
  - music
    - app
      - Console
      - Exceptions
      - Http
      - Providers
        - Altimetrik
        - Artisan
        - Bmc
        - Senghe
        - Usenight
    - bootstrap
    - config
    - database
    - elasticsearch
    - public
    - resources
    - routes
    - storage
    - tests
    - vendor
      - .env
      - .env.example
      - .gitattributes
      - .gitignore
      - artisan
    - composer.json
    - package.json
    - README.md
    - server.php
    - webpack.mix.js

App.php
1 k.php
2
3 namespace App;
4
5 use Illuminate\Database\Eloquent\Model;
6
7 class Article extends Model
8 {
9     protected $fillable = ['text', 'biography', 'photo', 'quote'];
10    public function genres()
11    {
12        return $this->belongsToMany('App\Genre');
13    }
14}
```

As seen from the screenshot, several models were written to create a comfortable environment.

The next task was handling the routes, which was done by modifying the web.php doc, so in the end the following was achieved:

OPEN FILES

FOLDERS

- musicme
- app
- bootstrap
- config
- database
- storage
- public
- resources
- routes
 - route.php
 - channel.php
 - controller
 - Artist
- storage
- todo
- vendor
- env
- .env.example
- .gitattributes
- .gitignore
- .gitlab-ci.yml
- .gitmodules
- composer.json
- composer.lock
- package.json
- phpunit.xml
- readme.md
- server.yaml

Line 1 Column 1 Detect Indentation: Setting indentation to 4 spaces Source 4 Diff

```

routes.php - 73 lines
1 | Here is where you can register web routes for your application. These
2 | routes are loaded by the RouteServiceProvider within a group which
3 | contains the "web" middleware group. Now create something great!
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```

Though it may look rather complicated, the laravel modularity allows to make things simple.

To comply to MVC architecture, we now needed controllers, which are referenced by the routes, developed:

OPEN FILES

FOLDERS

- musicme
- app
 - Console
 - Exception
 - Http
 - Controller
 - Auth
 - AlbumController.php
 - ArtistController.php
 - Controller.php
 - GenreController.php
 - GenreTypeController.php
 - HomeController.php
 - MainController.php
 - SearchController.php
 - SongController.php
 - TestController.php
 - UserController.php
 - Middleware
 - Kernel.php
 - Provider
 - Album.php
 - Artist.php
 - Genre.php
 - Song.php

Line 1 Column 1 Detect Indentation: Setting indentation to 4 spaces Source 4 Diff

```

AlbumController.php - 42 lines
1 | php
2 |
3 | namespace App\Http\Controllers;
4 |
5 | use Illuminate\Http\Request;
6 | use App\Album;
7 | use App\Artist;
8 | use Validator;
9 |
10 |
11 | class AlbumController extends Controller
12 | {
13 |     public function __construct()
14 |     {
15 |         $this->messages = [
16 |             'required' => 'Fill the field attribute',
17 |             'string' => 'Only letters are required in field attribute',
18 |         ];
19 |     }
20 |
21 |     public function validator($data)
22 |     {
23 |         $validation = Validator::make($data, [
24 |             'name' => 'required|string',
25 |             'phv' => 'required',
26 |             'artist' => 'required',
27 |         ], $this->messages);
28 |
29 |         return $validation;
30 |     }
31 |
32 |     public function show()
33 |     {
34 |         $title = 'Album Table';
35 |         $albums = Album::all();
36 |         $genres = $this->getGenres($albums);
37 |
38 |         if($view->exists('admin.albums'))
39 |         {
40 |             return view('admin.albums', ['title' => $title, 'albums' => $albums, 'genres' => $genres]);
41 |         }
42 |
43 |         if($view->exists('music.albums'))
44 |         {
45 |             return view('music.albums');
46 |         }
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```

developed by our team members. What we did here is adapted their work to laravel structure. Advantages of blade were also utilized:

OPEN FILES

OLDERS

- music
- app
- bootstrap
- config
- database
- dependency
- public
- resource
 - assets
 - lang
 - views
 - admin
 - auth
 - layout
 - music
- views
 - album.blade.php
 - artist.blade.php
 - genre.blade.php
 - genredemic.blade.php
 - generating.blade.php
 - generatingblade.php
 - main.blade.php
 - home.blade.php
 - welcome.blade.php
- routes
- storage
- tests

album.blade.php

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <meta charset="utf-8">
5   <title>Albums</title>
6   <link rel="stylesheet" href="{{asset('css/app.css')}}">
7   <link rel="stylesheet" type="text/css" href="{{asset('css/bootstrap-grid.css')}}">
8   <link rel="stylesheet" type="text/css" href="{{asset('css/bootstrap-reboot.css')}}">
9   <meta name="viewport" content="width=device-width">
10  <script src="https://ajax.googleapis.com/ajax/libs/jquery/1/jquery.min.js"></script>
11 </head>
12 <body>
13   <div class="pt-5" style="background-color:#202A2E">
14     <ul class="nav justify-content-end">
15       <li class="nav-item" style="background-color:#202A2E">
16         <a href="#"><img alt="Logo" height="15" /></a>
17       <li class="nav-item" href="#">About</li>
18       <li class="nav-item" href="#">Genre</li>
19       <li class="nav-item" style="border-bottom: 0.5px solid #888888;" href="#">Home</li>
20       <li class="nav-item" href="#">Artist</li>
21       <li class="nav-item" href="#">Login</li>
22       <li class="nav-item" href="#">Register</li>
23     <li class="nav-item" style="padding-right: 10px;">
24       <form action="action_page.php">
25         <input type="text" placeholder=" Search... " name="Search" class="Search" />
26       </form>
27     </li>
28   </ul>
29   </div>
30   <div class="down">
31     <div class="red">
32       <a href="#" onclick="document.getElementById('myModal').style.display='block';"></a>
33     <div id="myModal" style="display:none; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); width: 40%; height: 40%; background-color: white; border: 1px solid black; padding: 10px; text-align: center; z-index: 1000; font-size: 14px; font-weight: bold; border-radius: 10px; box-sizing: border-box; overflow: hidden; transition: all 0.5s ease; ">
34        class="img" style="width: 100%; height: 100%; object-fit: cover; border-radius: 10px; margin-bottom: 10px; border: 1px solid black; border-radius: 10px; box-sizing: border-box; transition: all 0.5s ease; "
35       </a>
40     </div>
41     <div id="over" class="pd-10" style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background-color: black; opacity: 0.5; z-index: 1000; >
42       <div id="close" style="position: absolute; top: 10px; right: 10px; width: 20px; height: 20px; background-color: white; border-radius: 50%; border: 1px solid black; z-index: 1000; >
43         
44       </div>
45     </div>
46   </div>
```

Inside 'public' folder, a separate folder called 'images' was created to store pages' visuals. Folder 'styles' was used to contain the styles developed by our team members.

```
OPEN FILES
FOLDERS
> modules
> app
> bootstrap
> config
> databases
> nbsproject
> public
> res
> /<b>albums</b>
  /<b>app.css</b>
  /<b>classic.css</b>
  /<b>fontAwesome.css</b>
  /<b>highlights.css</b>
  /<b>home.css</b>
  /<b>main.css</b>
  /<b>redlist.css</b>
  /<b>view.css</b>
> /<b>img</b>
> /<b>s</b>
> /<b>list</b>
> /<b>photo</b>
> /<b>song</b>
  <input checked="" type="checkbox"/> /<b>tracks.css</b>
  <input checked="" type="checkbox"/> /<b>variables.css</b>
  <input checked="" type="checkbox"/> /<b>index.php</b>
  <input checked="" type="checkbox"/> /<b>robot.txt</b>
  <input checked="" type="checkbox"/> /<b>w3c config</b>
style.css
```

1 | transition: all .2s;

2 |

3 |

4 |

5 body {

6 | margin: 0px;

7 | overflow-x: hidden;

8 | max-width: 1000px;

9 |}

10 |

11 #fontInterface {

12 | font-family: Avenir Next;

13 | color: var(--font-color);

14 | font-size: 1em;

15 | line-height: 1.2em;

16 | letter-spacing: 0.05em;

17 |

18 #N1 {

19 | position: relative;

20 | top: 40px;

21 | left: 40px;

22 | color: #FFFF00;

23 | font-style: normal;

24 | font-size: 16px;

25 | line-height: 40px;

26 | letter-spacing: 0.75px;

27 |

28 #valusue {

29 | position: relative;

30 | top: 40px;

31 | left: 60px;

32 | color: white;

33 | border-bottom: 2px solid white;

34 | width: 160px;

35 | font-family: Avenir Next;

36 |

37 #.group {

38 | position: relative;

39 | top: 10px;

40 |

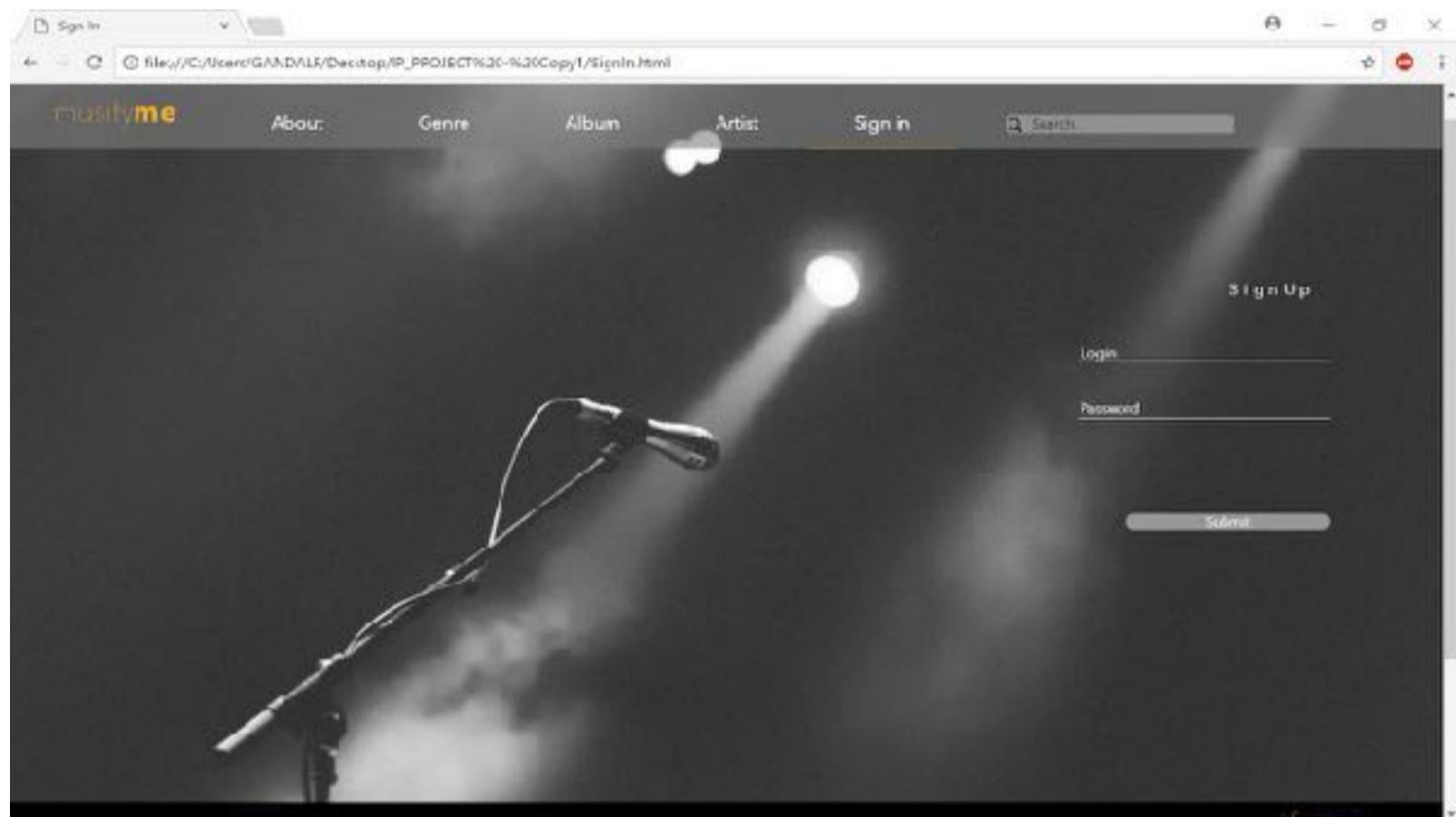
41 |

42 |

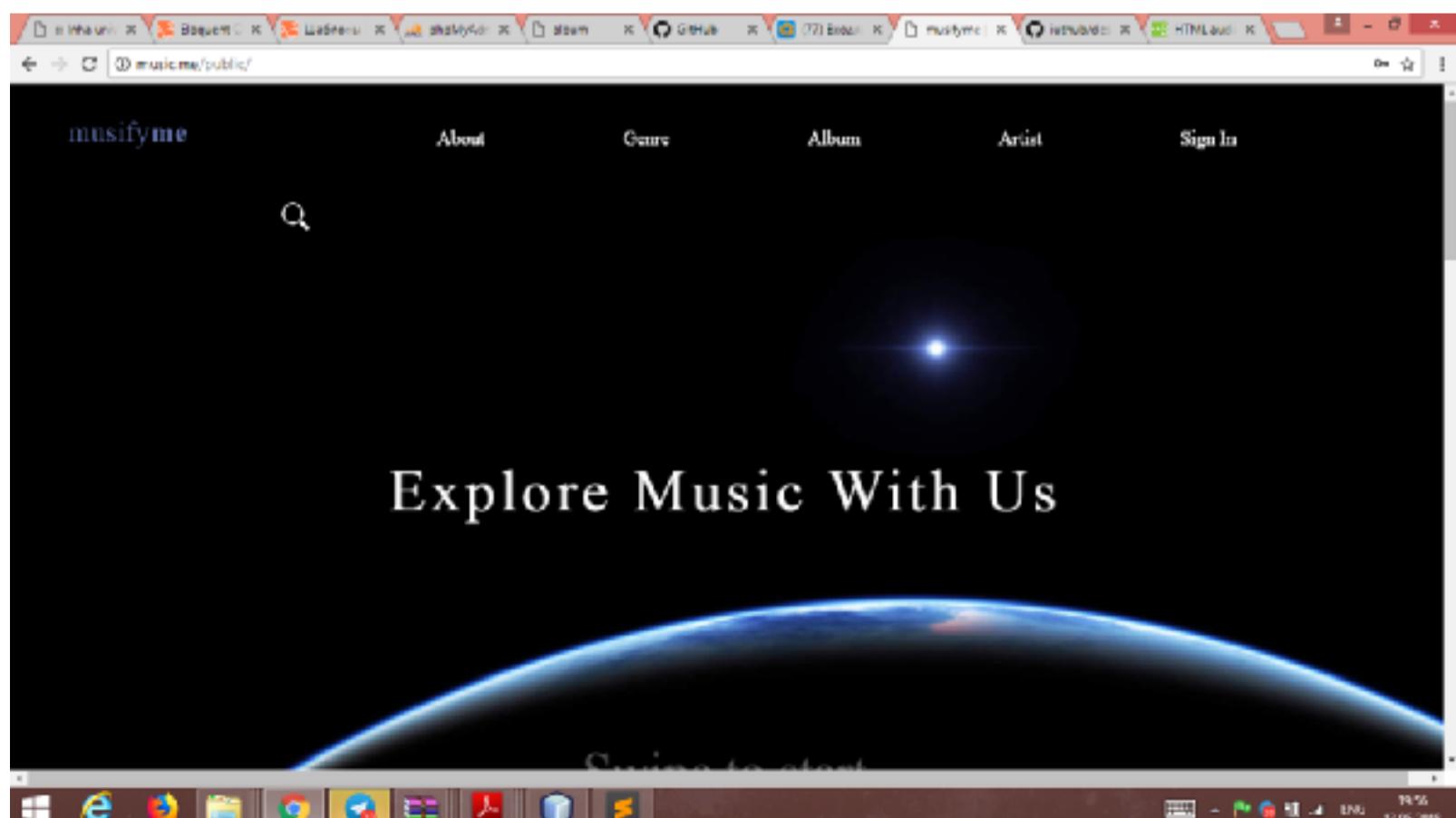
After this manipulations, a clear, well-organized architecture was achieved. Thanks to Laravel framework and its MVC architechture.

SIGN UP

If you go to Sign Up page, you should enter your name, email, password, and its confirmation. However, if there is some errors, like not completed fields, not unique email, password is less than 6 symbols or incorrect confirmation, then there will be messages about errors and which errors occurred.



But after successful registration, you are redirected to main page:



SIGN IN

If you go to Sign In page, you should enter your email and password. However, if there is some errors, like not completed fields, not unique email, incorrect password, then there will be messages about errors and which errors occurred.

