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Github: <https://github.com/orgs/iuthub/teams/bristleshazam583>

Web Site: <https://bristleshazam.com/>

About Us

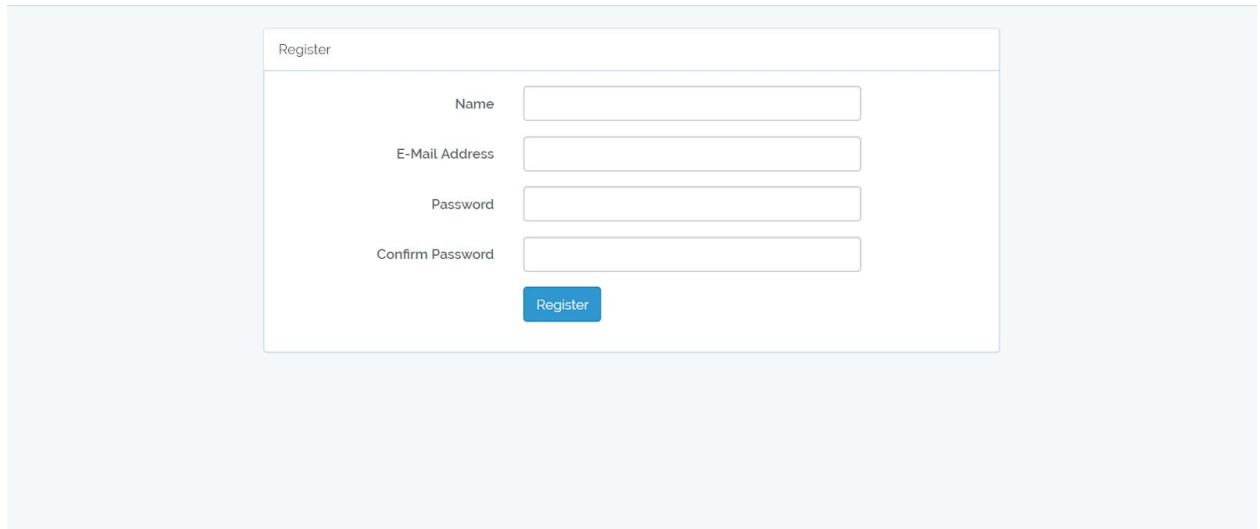


more lovely songs. Track new songs by genres, artists and albums. Dive into the musical culture, live with tempo and vibrations of each song performance. But it's not all the experience you can gain! Ideally, our musical online player will contain lyrics and translation of every song, musical video. Moreover, there will be a blog, in which people can discuss the meaning of the song and leave comments. Technologies in use: HTML5, CSS3, JQuery, PHP Laravel.

- a new generation of musical online player, where you can embody any your musical taste or favor. Browse the best and the newest songs by the click of your mouse. Customize your playlist with the much

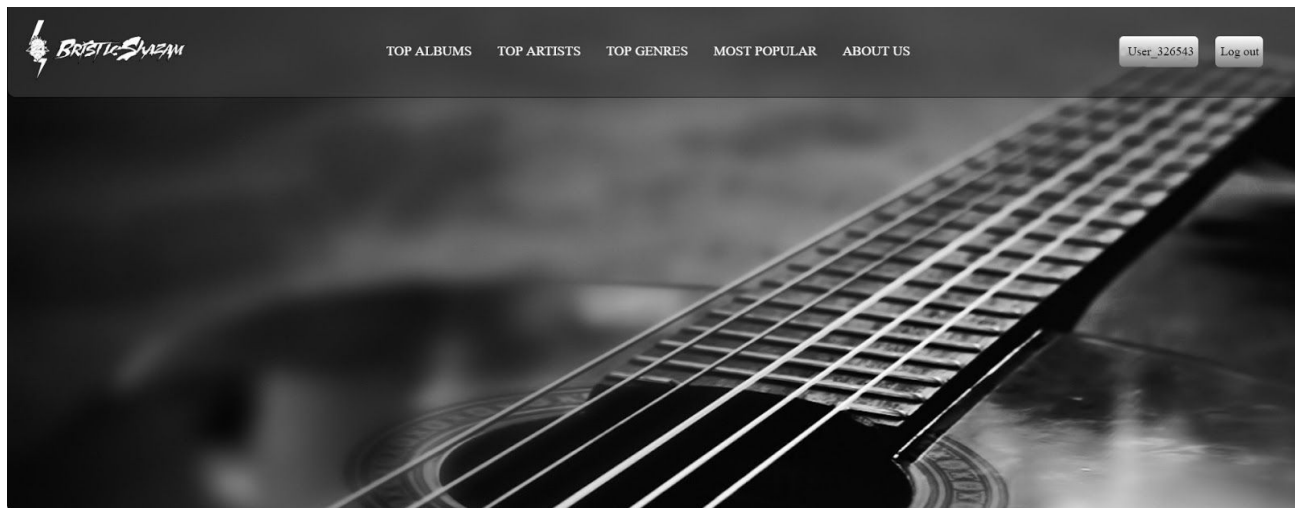
Sign up

If you go to Sign Up page, you should enter your name, email, password, and its confirmation. However, if there is some errors, not unique email, password is less than 6 symbols or incorrect confirmation.



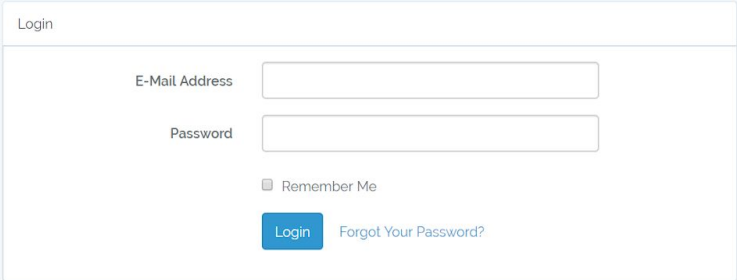
The screenshot shows a 'Register' form on a light blue background. The form is a white rectangle with a title bar that says 'Register'. Inside the form, there are four input fields with labels to their left: 'Name', 'E-Mail Address', 'Password', and 'Confirm Password'. Below these fields is a blue button with the text 'Register' in white.

After successful registration, you are redirected to main page:



Sign In


You go to Sign In page, you should enter your email and password. However, if there is some errors, not unique email, incorrect password..



The image shows a login form titled "Login" centered on a light blue background. The form is a white rectangle with a thin border. It contains the following elements:

- A header section with the word "Login" in a small, gray font.
- Two input fields: "E-Mail Address" and "Password", each with a label to its left and a rectangular input box to its right.
- A checkbox labeled "Remember Me" below the password field.
- Two buttons at the bottom: a blue "Login" button and a "Forgot Your Password?" link.


Top Albums



TOP ALBUMS TOP ARTISTS TOP GENRES MOST POPULAR ABOUT US


Sign Up Log In

TOP ALBUMS




Black Album (1991)
Metallica

<https://musicindex.ru/album/4766>



Brave New World (2000)
Iron Maiden



Garbage (1995)
Garbage

In Top Albums part displaying currently popular albums. In addition, albums will be sorted and ranked by genres. So the users can observe the top albums in general and specifically. After the viewing the page the ranking will be changing.

Top Artists

TOP ARTISTS



Iron Maiden



Aerosmith



Evanescence

Top Artist section indicates the most viewed artist or bands on the website. There are several types of top positions:

- Top of the day
- Top of the week
- Top of the month
- Top of all the time

Depending on downloads or listening of the tracks the ranking will be changing.

Top Genres

TOP GENRES



Rock




Pop



Rap

Top Genres are the most liked genres by users on the website. As previously, the songs or albums viewed are related to specific genre, based on this the ranking is made. The artist or the albums might be assigned to different genres at the same time.

About Us



Rock

Pop

Rap

TOP ALBUMS

TOP ARTISTS

TOP GENRES


MOST POPULAR

ABOUT US


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Log In


ABOUT US




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Timur Makhmudov
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Vadim Kim
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Short information about our team members

Admin Functionality

ADMIN Login

E-Mail Address

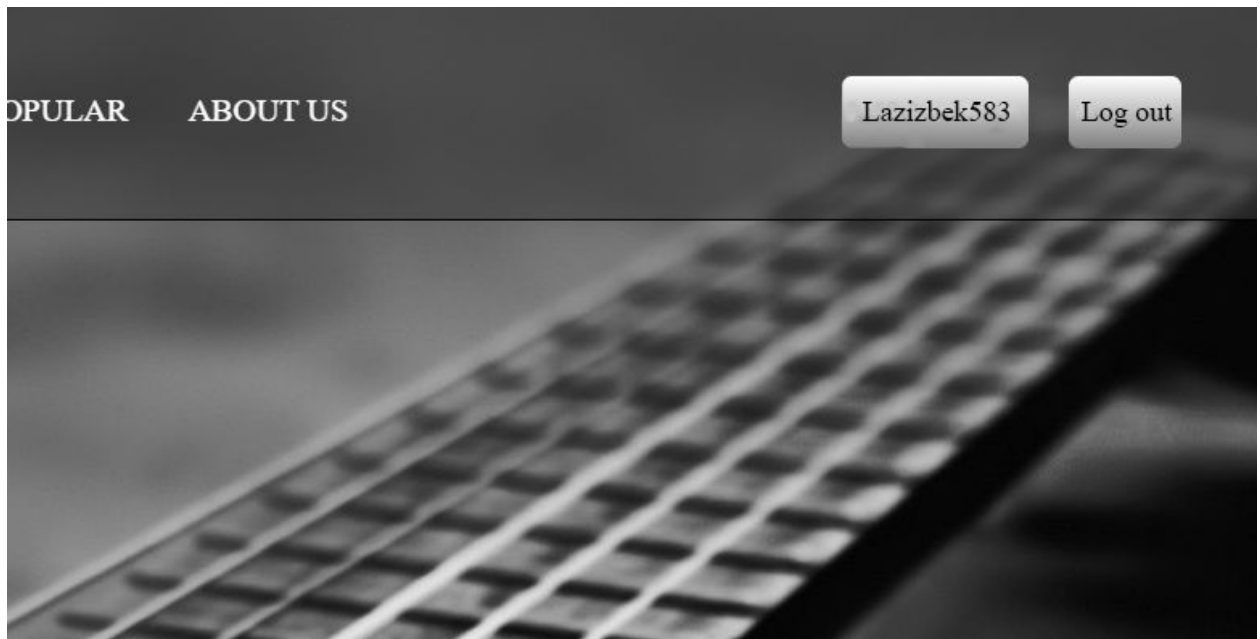
Password

Please fill out this field.

☐ Remember Me

Login

Forgot Your Password?

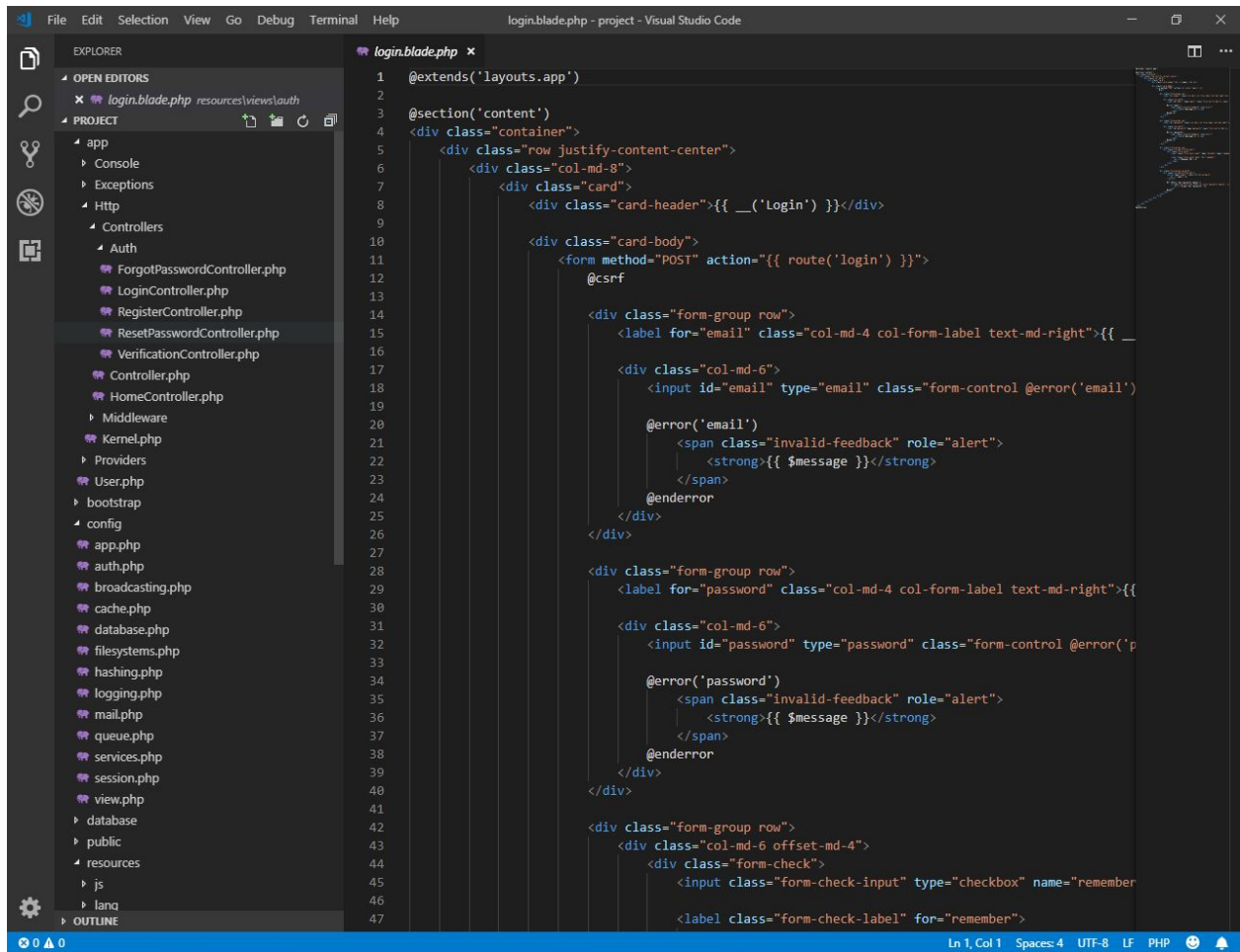


Backend

For our project we use PHP framework: Laravel version 5.8.

First of all we create our project with **CMD command**: “**composer create-project laravel/laravel bristelshazam**”.

Laravel

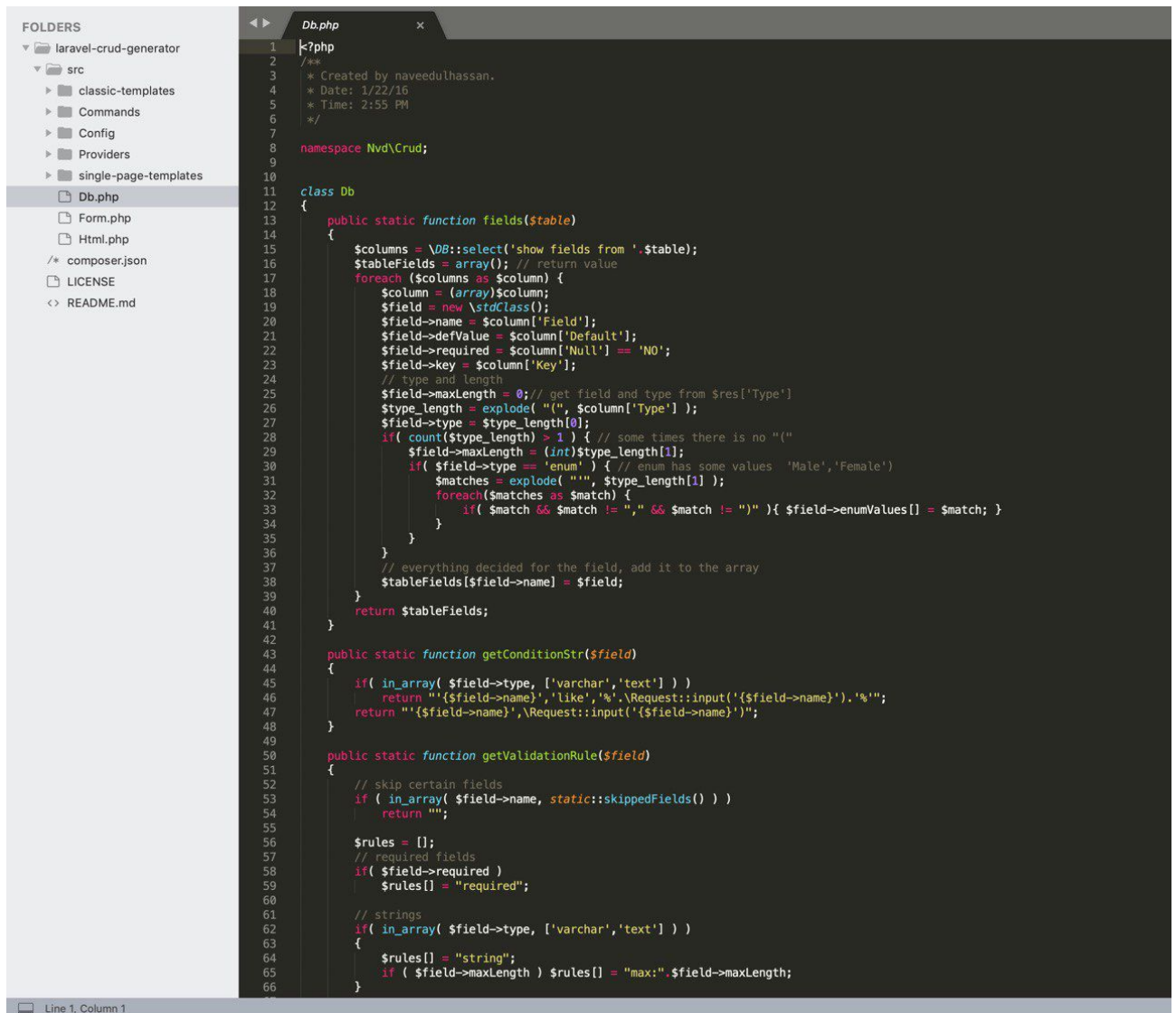


The screenshot displays the Visual Studio Code interface with a Laravel project. The Explorer sidebar on the left shows the project structure, including the 'resources/views/auth' directory. The main editor window displays the 'login.blade.php' file, which contains a Blade template for a login form. The template includes a container with a card, a form with email and password fields, and a 'remember' checkbox. The code is as follows:

```
1 @extends('layouts.app')
2
3 @section('content')
4 <div class="container">
5     <div class="row justify-content-center">
6         <div class="col-md-8">
7             <div class="card">
8                 <div class="card-header">{{ __('Login') }}</div>
9
10                <div class="card-body">
11                    <form method="POST" action="{{ route('login') }}">
12                        @csrf
13
14                        <div class="form-group row">
15                            <label for="email" class="col-md-4 col-form-label text-md-right">{{ __
16
17                            <div class="col-md-6">
18                                <input id="email" type="email" class="form-control @error('email')
19
20                                @error('email')
21                                    <span class="invalid-feedback" role="alert">
22                                        <strong>{{ $message }}</strong>
23                                    </span>
24                                @enderror
25                            </div>
26                        </div>
27
28                        <div class="form-group row">
29                            <label for="password" class="col-md-4 col-form-label text-md-right">{{
30
31                            <div class="col-md-6">
32                                <input id="password" type="password" class="form-control @error('p
33
34                                @error('password')
35                                    <span class="invalid-feedback" role="alert">
36                                        <strong>{{ $message }}</strong>
37                                    </span>
38                                @enderror
39                            </div>
40                        </div>
41
42                        <div class="form-group row">
43                            <div class="col-md-6 offset-md-4">
44                                <div class="form-check">
45                                    <input class="form-check-input" type="checkbox" name="remember
46
47                                <label class="form-check-label" for="remember">
```

After creating project we make several laravel commands such as: “**php artisan serve**”, “**php artisan make:auth**”, “**php artisan key:generate**”, we needed these commands to prepare our project and prepare the environment for the development of our site.

Database



```
1  Db.php
2  /**
3   * Created by naveedulhassan.
4   * Date: 1/22/16
5   * Time: 2:55 PM
6   */
7
8  namespace Nvd\Crud;
9
10
11  class Db
12  {
13      public static function fields($table)
14      {
15          $columns = \DB::select('show fields from '.$table);
16          $tableFields = array(); // return value
17          foreach ($columns as $column) {
18              $column = (array)$column;
19              $field = new \stdClass();
20              $field->name = $column['Field'];
21              $field->defValue = $column['Default'];
22              $field->required = $column['Null'] == 'NO';
23              $field->key = $column['Key'];
24              // type and length
25              $field->maxLength = 0; // get field and type from $res['Type']
26              $type_length = explode(" ", $column['Type']);
27              $field->type = $type_length[0];
28              if (count($type_length) > 1) { // some times there is no "("
29                  $field->maxLength = (int)$type_length[1];
30                  if ($field->type == 'enum') { // enum has some values 'Male','Female'
31                      $matches = explode(" ", $type_length[1]);
32                      foreach ($matches as $match) {
33                          if ($match && $match != "," && $match != ")") { $field->enumValues[] = $match; }
34                      }
35                  }
36              }
37              // everything decided for the field, add it to the array
38              $tableFields[$field->name] = $field;
39          }
40          return $tableFields;
41      }
42
43      public static function getConditionStr($field)
44      {
45          if (in_array($field->type, ['varchar', 'text'])) {
46              return "'{$field->name}', 'like', '%'.\Request::input('{$field->name}').'%'";
47              return "'{$field->name}', \Request::input('{$field->name}')";
48          }
49
50      public static function getValidationRule($field)
51      {
52          // skip certain fields
53          if (in_array($field->name, static::skippedFields())) {
54              return "";
55          }
56
57          $rules = [];
58          // required fields
59          if ($field->required) {
60              $rules[] = "required";
61          }
62
63          // strings
64          if (in_array($field->type, ['varchar', 'text'])) {
65              $rules[] = "string";
66              if ($field->maxLength) $rules[] = "max:{$field->maxLength}";
67          }
68      }
69  }
```

Database with all the required fields and validation system. Also, a form of a music file to be uploaded on a server. All the information is stored on an attached MySQL database. We expected to create a music blog with music files uploaded on the server as well as the blog with discussion of the song, lyrics and translation, but eventually implemented only music file part.

Members' Impact

Front end, idea, design, report:

U1610077	Igor Tsoy
U1610241	Timur Makhmudov
U1610251	Kim Vadim

Backend, database, report:

U1610109	Khudoyorkhon Mirjalolov
U1610125	Lazizbek Qahorov
U1610217	Shakhzod Omonboyev

Username & Passwords

User1:

email:lazizbek583@gmail.com

Password:qlnokiax3

Admin:

email:lazizbek585@gmail.com

Password:qlnokiax3

References:

<https://youtu.be/iKRLrJXNN4M>

<https://youtu.be/Ir2nAD9UDGg>

<https://youtu.be/P8T3MjZPDdI>

<https://youtu.be/55YoSeS6egs>

<https://youtu.be/jNdVW8lsFOo>

<https://www.youtube.com/playlist?list=PLwAKR305CRO-Q90J---jXVzbOd4CDRbVx>

<https://www.w3schools.com/js/default.asp>

<https://www.w3schools.com/html/default.asp>

<https://www.w3schools.com/css/default.asp>