Visoka skola strukovnih studija za
informacione i komunikacione
tehnologije

CodeFreakz

https://code-freakz.herokuapp.com/

Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje PHP 2

Andrej Zarkovski 22/18

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1. Uvod

Korišćeni programski jezici

Za izradu sajta korišćene su sledeće tehnologije:

- PHP (Xampp)
- Laravel
- Amazon S3
- Heroku
- ClearDB Heroku Add-On
- HTML 5
- CSS 3/ SASS
- Bootstrap
- JavaScript
- jQuery

- phpStorm
- Photoshop

Opis funkcionalnosti

Sajt poseduje sledeće funkcionalnosti:

- Dinamicko ucitavanje sadrzaja iz baze i prikazivanje na stranicama
- Filtriranje proizvoda na stranici za kurseve
- Admin panel – dodavanje/izmena/brisanje sadrzaja
- Logovanje/Registracija
- Dodavanje proizvoda u korpu

2. Organizacija

Organizaciona šema

Courses
Authors
Difficulty
Languages
Admin Panel
Home (authorized)
Logout
Contact
Courses
About
Cart

Mapa sajta


```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset
      xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9
            http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">

<url>
  <loc>https://code-freakz.herokuapp.com/</loc>
  <lastmod>2020-03-18</lastmod>
  <priority>1.00</priority>
  <changefreq>daily</changefreq>
</url>
<url>
  <loc>https://code-freakz.herokuapp.com/courses</loc>
  <lastmod>2020-03-18</lastmod>
  <priority>0.90</priority>
  <changefreq>daily</changefreq>
</url>
<url>
  <loc>https://code-freakz.herokuapp.com/contact</loc>
  <lastmod>2020-03-18</lastmod>
  <priority>0.90</priority>
  <changefreq>monthly</changefreq>
</url>
<url>
  <loc>https://code-freakz.herokuapp.com/about</loc>
  <lastmod>2019-02-18</lastmod>
  <priority>0.70</priority>
  <changefreq>yearly</changefreq>
</url>
<url>
  <loc>https://code-freakz.herokuapp.com/login</loc>
  <lastmod>2019-03-18</lastmod>
  <priority>0.50</priority>
  <changefreq>yearly</changefreq>
</url>
<url>
  <loc>https://code-freakz.herokuapp.com/register</loc>
  <lastmod>2019-03-18</lastmod>
  <priority>0.50</priority>
  <changefreq>yearly</changefreq>
```

```xml
</url>
<url>
  <loc>https://code-freakz.herokuapp.com/cart</loc>
  <lastmod>2019-03-18</lastmod>
  <priority>0.50</priority>
  <changefreq>yearly</changefreq>
</url>

</urlset>
```

Opis stranica sajta

Home

Autorizovan izgled

Autorizovan izgled

Na pocetnoj stranici se nalaze sekcije za prikaz preporucenih kurseva, besplatnih, na popustu, skoro izbacenih kao i kursevi random jezika.

Courses

Autorizovan izgled

Na stranici za kurseve se nalazi lista kurseva kao i filter opcije. Odmah ispod se nalaze sekcija za preporucene kurseve.

Cart

Stranica za korpu.

Contact

Kontakt stranica za kontaktiranje administratora sajta.

About

Stranica o autoru.

Login

Stranica za logovanje.

Register

Stranica za registraciju.

403

Register
Login
CODE FREAKZ
A PLACE TO PERFECT YOUR SKILLS
Home
Courses
Contact
About
Documentation
403 - FORBIDDEN
CODE FREAKZ
About
Welcome to CodeFreakz. Here you can perfect your skills in various programming areas. From web development to OS development. Video tutorials are made by top of the class programmers with in depth coverage of the material being presented. Tutorial difficulties range from begginer to advanced, and on top of all, we have best prices.
Category
Web Development
Mobile Development
Game Development
Desktop Development
Database
Software Tools
Recommended courses
2021-03-09
Modern React with Redux [2020 Update]
2021-03-07
iOS & Swift - The Complete iOS App Development Bootcamp
2020-04-04
Complete C# Unity Game Developer 2D
Our latest YouTube video
User Authentication in We...
User Auth
in Web Apps
node

Admin/content/courses

Admin panel stranica sa listom kurseva.
Ostale stranice admin panela su u istom formatu kao i stranica za kurseve.

Course/create

Stranica za kreiranje kursa.
Isti format se koristi i za stranicu za izmenu kursa, kao i za stranice za autora, jezik itd.

Course/details

Description

If you want to learn how to gain insights from data but are too intimidated by databases to know where to start, then this course is for you. This course is a gentle but comprehensive introduction to MySQL, one of the most highly in-demand skills in the business sector today.

Whether you work in sales or marketing, you run your own company, or you want to build your own apps, mastering MySQL is crucial to answering complex business problems and questions using insights from data. The Ultimate MySQL Bootcamp

Tags

Database | Beginner | SQL

From the author

The Complete Node.js Developer Course (3rd Edition)
2021-03-03

The Ultimate MySQL Bootcamp: Go from SQL Beginner to Expert
2021-03-01

Build Responsive Real World Websites with HTML5 and CSS3
2021-03-03

Stranica o detaljima kursa.

3. **Kodovi**

Fajl ogranizacija

Requests
Author
AuthorCreateRequest.php
AuthorUpdateRequest.php
Category
CategoryCreateRequest.php
CategoryUpdateRequest.php
Course
CourseCreateRequest.php
CourseEditRequest.php
Language
LanguageCreateRequest.php
LanguageUpdateRequest.php
LoginRequest.php
RegisterRequest.php
Kernel.php

Models
Author.php
Category.php
Course.php
CourseSection.php
Difficulty.php
Image.php
ImageType.php
Language.php
Menu.php
MenuItem.php
Receipt.php
ReceiptItem.php
Role.php
User.php

migrations

- 2014_10_12_000000_create_users_table.php
- 2014_10_12_100000_create_password_resets_table.php
- 2019_08_19_000000_create_failed_jobs_table.php
- 2021_03_13_095636_create_cf_users_table.php
- 2021_03_13_100142_create_courses_table.php
- 2021_03_13_102251_create_authors_table.php
- 2021_03_13_103755_create_roles_table.php
- 2021_03_13_104122_create_course_sections_table.php
- 2021_03_13_105025_create_languages_table.php
- 2021_03_13_105132_create_categories_table.php
- 2021_03_13_105344_create_difficulties_table.php
- 2021_03_13_110411_add_image_cols_to_courses_table.php
- 2021_03_13_113745_add_is_confirmed_and_activation_key_cols
- 2021_03_13_120528_delete_cf_users_table.php
- 2021_03_13_120734_create_role_user_table.php
- 2021_03_13_120957_create_menus_table.php
- 2021_03_13_121147_create_menu_items_table.php
- 2021_03_13_132829_create_image_types_table.php
- 2021_03_13_133133_create_images_table.php
- 2021_03_13_133353_remove_image_cols_from_courses.php
- 2021_03_13_134219_add_relationships_in_courses_table.php
- 2021_03_13_142041_add_relation_to_courses_in_images.php
- 2021_03_14_141817_add_default_is_confirmed_val_in_users.ph
- 2021_03_14_175627_delete_role_user_table.php
- 2021_03_14_175900_add_role_relationship_in_users_table.php
- 2021_03_15_105633_add_parent_id_in_menu_items.php
- 2021_03_15_201456_delete_course_sections_table.php
- 2021_03_15_213348_create_language_course_table.php
- 2021_03_15_223342_remove_image_types_table.php
- 2021_03_15_231456_rename_language_course_table.php
- 2021_03_15_234314_remove_language_id_from_courses.php
- 2021_03_16_001045_change_description_col_to_text_in_course
- 2021_03_16_220834_add_discount_col_to_courses.php
- 2021_03_18_211217_add_relative_src_to_images.php
- 2021_03_23_112110_create_receipts_table.php
- 2021_03_23_112808_create_receipt_items_table.php

seeders
AuthorSeeder.php
CategorySeeder.php
DatabaseSeeder.php
DifficultySeeder.php
ImageTypeSeeder.php
LanguageSeeder.php
RoleSeeder.php

views
common
fixed
admin
footer.blade.php
head.blade.php
header.blade.php
footer.blade.php
head.blade.php
header.blade.php
layouts
admin.blade.php
layout.blade.php
pages
admin
authors
categories
courses
languages
403.blade.php
about.blade.php
cart.blade.php
contact.blade.php
home.blade.php
login.blade.php
register.blade.php
routes
storage

pages
admin
content
logs.blade.php
authors
create.blade.php
edit.blade.php
categories
create.blade.php
edit.blade.php
courses
create.blade.php
edit.blade.php
index.blade.php
show.blade.php
languages
create.blade.php
edit.blade.php
403.blade.php
about.blade.php
cart.blade.php
contact.blade.php
home.blade.php
login.blade.php
register.blade.php

Controllers

AboutController

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class AboutController extends FrontendController
{
    public function index(){
        return view("pages.about", $this->data);
    }
}
```

AccountController

```
<?php

namespace App\Http\Controllers;

use App\Http\Requests\RegisterRequest;
use App\Http\Requests\LoginRequest;
use Illuminate\Http\Request;
use App\Models\User;
use App\Models\Role;

class AccountController extends FrontendController
{
    public function loginPage(){
        return view("pages.login", $this->data);
    }
    public function login(LoginRequest $request){
        $user = User::with("role")->where("email", "=", $request->email)->first();

        if(!password_verify($request->password, $user->password)){
            return redirect()->route("loginPage")->with("loginErrorMsg", "Password
incorrect.")->withInput();
        }
        else{
            session()->put("user", $user);
            return redirect()->route("home");
        }
    }
    public function registerPage(){
        return view("pages.register", $this->data);
    }
    public function register(RegisterRequest $request){
        $user = new User($request->except("password"));
        $user->password = password_hash($request->password, PASSWORD_DEFAULT);
        $user->activation_key = $this->generateActivationKey(64);
```

```
        $userRoleId = Role::all()->where("name","=","user")->first()->id;
        $user->role_id = $userRoleId;

        $user->save();

        return redirect()->route("loginPage")->with("registrationSuccessfullMsg",
"Registration successfull.");
    }

    public function logout(){
        session()->remove("user");
        return redirect()->route("home");
    }

    private function generateActivationKey($length){
        $chars = '0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ';

        $key = "";

        for($i = 0; $i < $length; $i++){
            $key.= $chars[rand(0, strlen($chars) - 1)];
        }

        return $key;
    }
}
```

AdminController

```php
<?php

namespace App\Http\Controllers;

use App\Models\Author;
use App\Models\Category;
use App\Models\Course;
use App\Models\Language;
use App\Models\Menu;
use App\Models\MenuItem;
use Illuminate\Http\Request;

class AdminPanelController extends Controller
{
    private $data = [];

    public function __construct()
    {
        $menu = Menu::with("items")->where("name","=","admin_panel")->first();
        $menuGrouped = $this->groupMenuItemsByParent($menu->items);

        $this->data["menu_grouped"] = $menuGrouped;
    }

    public function coursesPage(){
        $courses = Course::with("author")->simplePaginate(8);
        $this->data["courses"] = $courses;

        return view("pages.admin.content.courses", $this->data);
    }

    public function authorsPage(){
        $authors = Author::all();
        $this->data["authors"] = $authors;

        return view("pages.admin.content.authors", $this->data);
    }
    public function languagesPage(){
        $languages = Language::all();
        $this->data["languages"] = $languages;

        return view("pages.admin.content.languages", $this->data);
    }
    public function categoriesPage(){
        $categories = Category::all();
        $this->data["categories"] = $categories;

        return view("pages.admin.content.categories", $this->data);
    }

    public function logsPage(){
        return view("pages.admin.logs");
    }

    private function groupMenuItemsByParent($menu_items){
```

```
        $menu_grouped = [];
        foreach($menu_items as $item){
            if($item->parent_id == null){
                $menu_grouped[$item->name] = [];
                array_unshift($menu_grouped[$item->name], $item);
                continue;
            }
            $parent_name = array_filter($menu_items->toArray(), function($val)
use($item){
                return $val["id"] == $item["parent_id"];
            })[0]["name"];

            array_push($menu_grouped[$parent_name], $item);
        }
        return $menu_grouped;
    }
}
```

AuthorController

```php
<?php

namespace App\Http\Controllers;

use App\Models\Author;
use Illuminate\Database\QueryException;
use Illuminate\Http\Request;

class AuthorController extends FrontendController
{
    /**
     * Display a listing of the resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function index()
    {
        //
    }

    /**
     * Show the form for creating a new resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function create()
    {
        return view("pages.authors.create", $this->data);
    }

    /**
     * Store a newly created resource in storage.
     *
     * @param  \Illuminate\Http\Request  $request
     * @return \Illuminate\Http\Response
     */
    public function store(Request $request)
    {
        Author::create($request->except("_token"));

        return redirect()->route("admin.authorsPage")->with("authorCreateMsg", "Author
created successfully");
    }

    /**
     * Display the specified resource.
     *
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function show($id)
    {
        //
    }
```

```
    /**
     * Show the form for editing the specified resource.
     *
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function edit($id)
    {
        $author = Author::find($id);
        $this->data["author"] = $author;
        return view("pages.authors.edit",$this->data);
    }

    /**
     * Update the specified resource in storage.
     *
     * @param  \Illuminate\Http\Request  $request
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function update(Request $request, $id)
    {
        $author = Author::find($id);
        $author->fill($request->except("_token"));

        $author->save();

        return redirect()->route("admin.authorsPage")->with(["entityCreateMsg" =>
"Author updated successfully"]);
    }

    /**
     * Remove the specified resource from storage.
     *
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function destroy($id)
    {
        try{
            Author::destroy($id);
            return redirect()->back();
        }
        catch (QueryException $e){
            return redirect()->back()->with(["entityErrorMsg" => "Error deleting
author. Please delete all correlated courses first."]);
        }
    }
}
```

CategoryController

```php
<?php

namespace App\Http\Controllers;

use App\Http\Requests\Category\CategoryCreateRequest;
use App\Http\Requests\Category\CategoryUpdateRequest;
use App\Models\Category;
use Illuminate\Database\QueryException;
use Illuminate\Http\Request;

class CategoryController extends FrontendController
{

    /**
     * Display a listing of the resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function index()
    {
        //
    }

    /**
     * Show the form for creating a new resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function create()
    {
        return view("pages.categories.create", $this->data);
    }

    /**
     * Store a newly created resource in storage.
     *
     * @param  \Illuminate\Http\Request  $request
     * @return \Illuminate\Http\Response
     */
    public function store(CategoryCreateRequest $request)
    {
        Category::create($request->except("_token"));

        return redirect()->route("admin.categoriesPage")->with("entityCreateMsg",
"Category created successfully.");
    }

    /**
     * Display the specified resource.
     *
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function show($id)
```

```
    {
        //
    }

    /**
     * Show the form for editing the specified resource.
     *
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function edit($id)
    {
        $category = Category::find($id);

        $this->data["category"] = $category;

        return view("pages.categories.edit", $this->data);
    }

    /**
     * Update the specified resource in storage.
     *
     * @param  \Illuminate\Http\Request  $request
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function update(CategoryUpdateRequest $request, $id)
    {
        $category = Category::find($id);

        $category->fill($request->except("_token"));

        $category->save();

        return redirect()->route("admin.categoriesPage")->with("entityCreateMsg",
"Category updated successfully.");
    }

    /**
     * Remove the specified resource from storage.
     *
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function destroy($id)
    {
        try{
            Category::destroy($id);

            return redirect()->back();
        }
        catch (QueryException $exception){
            return redirect()->back()->with(["entityErrorMsg" => "Error category
language. Please delete courses which have this category first."]);
        }
    }
}
```

ContactController

```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class ContactController extends FrontendController
{
    public function index(){
        return view("pages.contact", $this->data);
    }
}
```

CourseController

```php
<?php

namespace App\Http\Controllers;

use App\Http\Requests\Course\CourseCreateRequest;
use App\Models\Author;
use App\Models\Category;
use App\Models\Course;
use App\Models\Difficulty;
use App\Models\Image;
use App\Models\Language;
use http\Env\Response;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Storage;
use SebastianBergmann\Diff\Diff;

class CourseController extends FrontendController
{
    /**
     * Display a listing of the resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function index()
    {
        $languages = Language::all();
        $categories = Category::all();
        $difficulties = Difficulty::all();
        $recommended_courses = Course::recommendedCourses();

        $this->data["languages"] = $languages;
        $this->data["categories"] = $categories;
        $this->data["difficulties"] = $difficulties;
        $this->data["recommended_courses"] = $recommended_courses;


        return view("pages.courses.index", $this->data);
    }

    /**
     * Show the form for creating a new resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function create()
    {
        $this->data["authors"] = Author::all();
        $this->data["categories"] = Category::all();
        $this->data["difficulties"] = Difficulty::all();
        $this->data["languages"] = Language::all();

        return view("pages.courses.create", $this->data);
    }

    /**
```

```
     * Store a newly created resource in storage.
     *
     * @param  \Illuminate\Http\Request  $request
     * @return \Illuminate\Http\Response
     */
    public function store(CourseCreateRequest $request)
    {
        $course = new Course($request->except(["_token", "image","language_id"]));
        $course->save();

        $course->languages()->sync($request->input("language_id"));

        //Save image
//        $new_image_name = md5($request->file("image")->getFilename()) . time() . "."
. $request->file("image")->extension();

        $base_url = "https://code-freakz.s3.eu-central-1.amazonaws.com/";
        $relative_src = Storage::disk("s3")->put("public/images", $request-
>file("image"), "public");
        $src = Storage::disk("s3")->url($relative_src);

        Image::create(["src" => $src, "relative_src" => $relative_src, "course_id" =>
$course->id]);

        return redirect()->route("admin.coursesPage")->with("entityInsertMsg", "Course
added successfully.");
    }

    /**
     * Display the specified resource.
     *
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function show($id)
    {
        $course = Course::find($id);

        $this->data["course"] = $course;
        return view("pages.courses.show", $this->data);
    }

    /**
     * Show the form for editing the specified resource.
     *
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function edit($id)
    {
        $course = Course::with("images")->where("id", "=", $id)->first();
        $this->data["authors"] = Author::all();
        $this->data["categories"] = Category::all();
        $this->data["difficulties"] = Difficulty::all();
        $this->data["languages"] = Language::all();

        $this->data["course"] = $course;
```

```
        return view("pages.courses.edit", $this->data);
    }

    /**
     * Update the specified resource in storage.
     *
     * @param  \Illuminate\Http\Request  $request
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function update(Request $request, $id)
    {
        $course = Course::find($id);
        $course->fill($request->except(["_token", "language_id", "image"]));

        $course->save();

        $course->languages()->sync($request->input("language_id"));

        if($request->has("image")){
            Storage::disk("s3")->delete($course->images[0]->relative_src);
            Image::where("course_id","=", $course->id)->delete();

            $relative_src = Storage::disk("s3")->put("public/images", $request-
>file("image"),"public");
            $src = Storage::disk("s3")->url($relative_src);
            Image::create(["src" => $src, "relative_src" => $relative_src,"course_id"
=> $course->id]);
        }

        return redirect()->route("admin.coursesPage")->with("entityInsertMsg", "Course
updated successfully.");
    }

    /**
     * Remove the specified resource from storage.
     *
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function destroy($id)
    {
        $course = Course::find($id);

        $course->languages()->sync([]);

        Storage::disk("s3")->delete($course->images[0]->relative_src);
        Image::where("course_id","=", $course->id)->delete();

        $course->delete();

        return response()->json(["msg" => "Course deleted successfully"]);
    }

    public function paginate(Request $request){
        $per_page = 8;
```

```
        $offset = 0;

        $courses = Course::with("images")->with("author");

        $data = [];

        //FILTERS
        if($request->has("search")){
            $courses = $courses->where("courses.name", "LIKE", "%".$request-
>input("search")."%");
        }
        if($request->has("languages")){
            $courses = $courses->whereHas("languages", function($l) use ($request){
                $l->whereIn("languages.id", $request->input("languages"));
            });
        }
        if($request->has("category")){
            $courses = $courses->where("category_id", "=", $request-
>input("category"));
        }
        if($request->has("difficulty")){
            $courses = $courses->where("difficulty_id", "=", $request-
>input("difficulty"));
        }
        $filtered_count = $courses->count();


        // LIMIT AND OFFSET
        if($request->has("per_page"))
            $per_page = $request->input("per_page");

        if($request->has("offset"))
            $offset = $request->input("offset");

        $courses = $courses->skip($offset)->take($per_page)->get();

        //Courses count is used in admin panel - courses page
        $courses_count = Course::all()->count();
        $data["courses_count"] = $courses_count;
        $data["filtered_count"] = $filtered_count;

        $data["courses"] = $courses;

        $data["authenticated"] = false;
        if(session("user") != null)
            $data["authenticated"] = true;

        return response()->json($data);
    }
}
```

FrontendController

```php
<?php

namespace App\Http\Controllers;

use App\Models\Category;
use App\Models\Course;
use App\Models\Menu;
use Illuminate\Http\Request;

class FrontendController extends Controller
{
    protected $data = [];

    public function __construct()
    {
        $menu = Menu::with("items")->where("name","=","header_menu")->first();
        $this->data["header_menu"] = $menu->items;
        $this->data["footer_categories"] = Category::topEightCategories();
        $this->data["footer_courses"] = Course::recommendedCourses()->take(4);
    }
}
```

HomeController

```php
<?php

namespace App\Http\Controllers;

use App\Models\Category;
use App\Models\Course;
use App\Models\Language;
use Illuminate\Http\Request;

class HomeController extends FrontendController
{
    public function index(){
        $recommended_courses = Course::recommendedCourses();
        $discounted_courses = Course::topFiveDiscounted();
        $free_courses = Course::topFiveFree();
        $recent_courses = Course::recentlyReleased();
        $categories = Category::topEightCategories();
        $rand_lang = Language::randLangWithCourses();

        $this->data["recommended_courses"] = $recommended_courses;
        $this->data["discounted_courses"] = $discounted_courses;
        $this->data["free_courses"] = $free_courses;
        $this->data["recent_courses"] = $recent_courses;
        $this->data["categories"] = $categories;
        $this->data["rand_lang"] = $rand_lang;

        return view("pages.home", $this->data);
    }
}
```

LanguageController

```php
<?php

namespace App\Http\Controllers;

use App\Http\Requests\Language\LanguageCreateRequest;
use App\Http\Requests\Language\LanguageUpdateRequest;
use App\Models\Language;
use Illuminate\Database\QueryException;
use Illuminate\Http\Request;

class LanguageController extends FrontendController
{
    /**
     * Display a listing of the resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function index()
    {

    }

    /**
     * Show the form for creating a new resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function create()
    {
        return view("pages.languages.create", $this->data);
    }

    /**
     * Store a newly created resource in storage.
     *
     * @param  \Illuminate\Http\Request  $request
     * @return \Illuminate\Http\Response
     */
    public function store(LanguageCreateRequest $request)
    {
        Language::create($request->except("_token"));

        return redirect()->route("admin.languagesPage")->with("entityCreateMsg",
"Language created successfully.");
    }

    /**
     * Display the specified resource.
     *
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function show($id)
    {
        //
```

```
    }

    /**
     * Show the form for editing the specified resource.
     *
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function edit($id)
    {
        $language = Language::find($id);

        $this->data["language"] = $language;

        return view("pages.languages.edit", $this->data);
    }

    /**
     * Update the specified resource in storage.
     *
     * @param  \Illuminate\Http\Request  $request
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function update(LanguageUpdateRequest $request, $id)
    {
        $language = Language::find($id);

        $language->fill($request->except("_token"));

        $language->save();

        return redirect()->route("admin.languagesPage")->with("entityCreateMsg",
"Language updated successfully.");
    }

    /**
     * Remove the specified resource from storage.
     *
     * @param  int  $id
     * @return \Illuminate\Http\Response
     */
    public function destroy($id)
    {
        try{
            Language::destroy($id);

            return redirect()->back();
        }
        catch (QueryException $exception){
            return redirect()->back()->with(["entityErrorMsg" => "Error deleting
language. Please delete courses which have this langauge first."]);
        }
    }
}
```

StatusController

```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class StatusController extends FrontendController
{
    public function forbidden(){
        return view("pages.403", $this->data);
    }
}
```

CartController

```php
<?php

namespace App\Http\Controllers;

use App\Models\Course;
use App\Models\Receipt;
use App\Models\ReceiptItem;
use Illuminate\Http\Request;

class CartController extends FrontendController
{
    public function index(){
        return view("pages.cart", $this->data);
    }

    public function items(Request $request){
        $courses = Course::with("images")->whereIn("id",$request->cartItems)->get();

        return response()->json($courses);
    }

    public function save(Request $request){
        $user = $request->session()->get("user");
        if($user == null) {
            return redirect()->route("home");
        }

        $receipt = Receipt::create(["user_id" => $user->id]);
        foreach($request->cartItems as $course){
            ReceiptItem::create(["receipt_id" => $receipt->id, "course_id" =>
$course]);
        }

        return response()->json(["msg" => "Order confirmed."]);
    }
}
```

Requests

AuthorCreateRequest

```php
<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class AuthorCreateRequest extends FormRequest
{
    /**
     * Determine if the user is authorized to make this request.
     *
     * @return bool
     */
    public function authorize()
    {
        return true;
    }

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
    {
        return [
            "first_name" => "bail|required|min:3|alpha",
            "last_name" => "bail|required|min:3|alpha",
            "birth_date" => "bail|required|date"
        ];
    }

    public function messages()
    {
        return [
            "first_name" => "First name must be minimum 3 chars, and only alphabet.",
            "last_name" => "Last name must be minimum 3 chars, and only alphabet.",
            "birth_date" => "Incorrect date format."
        ];
    }
}
```

AuthorUpdateRequest

```php
<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class AuthorCreateRequest extends FormRequest
{
    /**
     * Determine if the user is authorized to make this request.
     *
     * @return bool
     */
    public function authorize()
    {
        return true;
    }

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
    {
        return [
            "first_name" => "bail|required|min:3|alpha",
            "last_name" => "bail|required|min:3|alpha",
            "birth_date" => "bail|required|date"
        ];
    }

    public function messages()
    {
        return [
            "first_name" => "First name must be minimum 3 chars, and only alphabet.",
            "last_name" => "Last name must be minimum 3 chars, and only alphabet.",
            "birth_date" => "Incorrect date format."
        ];
    }
}
```

CategoryCreateRequest

```php
<?php

namespace App\Http\Requests\Category;

use Illuminate\Foundation\Http\FormRequest;

class CategoryCreateRequest extends FormRequest
{
    /**
     * Determine if the user is authorized to make this request.
     *
     * @return bool
     */
    public function authorize()
    {
        return true;
    }

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
    {
        return [
            "name" => "bail|required"
        ];
    }
}
```

CategoryUpdateRequest

```php
<?php

namespace App\Http\Requests\Category;

use Illuminate\Foundation\Http\FormRequest;

class CategoryUpdateRequest extends FormRequest
{
    /**
     * Determine if the user is authorized to make this request.
     *
     * @return bool
     */
    public function authorize()
    {
        return true;
    }

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
    {
        return [
            "name" => "bail|required"
        ];
    }

    public function messages()
    {
        return [
            "name" => "Name is required."
        ];
    }
}
```

CourseCreateRequest

```php
<?php

namespace App\Http\Requests\Course;

use Illuminate\Foundation\Http\FormRequest;

class CourseCreateRequest extends FormRequest
{
    /**
     * Determine if the user is authorized to make this request.
     *
     * @return bool
     */
    public function authorize()
    {
        return true;
    }

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
    {
        return [
            "name" => "bail|required|unique:courses,name",
            "author_id" => "bail|required|exists:authors,id",
            "description" => "bail|required",
            "price" => "bail|required|numeric",
            "discount" => "bail|numeric",
            "category_id" => "bail|required|exists:categories,id",
            "release_date" => "bail|required|date",
            "difficulty_id" => "bail|required|exists:difficulties,id",
            "language_id" => "bail|required|array",
            "language_id.*" => "bail|required|exists:languages,id",
            "image" => "bail|required|mimes:jpg,png,jpeg|max:10000"
        ];
    }

    public function messages()
    {
        return [
            "name.required" => "Course name is required",
            "author_id.required" => "Author name is required",
            "description.required" => "Description is required",
            "price.required" => "Price is required",
            "discount" => "Discount must be a whole number",
            "category_id.required" => "Category is required",
            "difficulty_id.required" => "Difficulty is required",
            "language_id.required" => "Languages is required",
            "image.required" => "Image is required",
            "release_date" => "bail|required|date",

            "name.unique" => "Course name must be unique",
```

```
            "author_id.exists" => "Author does not exits",
            "price.numeric" => "Price must be a number",
            "category_id.exists" => "Category does not exist",
            "difficulty_id.exists" => "Difficulty does not exists",
            "image" => "Uploaded wrong file. Image is required. JPG or PNG.",
            "release_date" => "Incorrect date format"
        ];
    }
}
```

CourseEditRequest

```php
<?php

namespace App\Http\Requests\Course;

use Illuminate\Foundation\Http\FormRequest;

class CourseEditRequest extends FormRequest
{
    /**
     * Determine if the user is authorized to make this request.
     *
     * @return bool
     */
    public function authorize()
    {
        return true;
    }

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
    {
        return [
            "id" => "bail|required|exists:courses,id",
            "name" => "bail|required|unique:courses,name",
            "author_id" => "bail|required|exists:authors,id",
            "description" => "bail|required",
            "price" => "bail|required|numeric",
            "discount" => "bail|numeric",
            "category_id" => "bail|required|exists:categories,id",
            "difficulty_id" => "bail|required|exists:difficulties,id",
            "language_id" => "bail|required|array",
            "language_id.*" => "bail|required|exists:languages,id",
            "image" => "bail|mimes:jpg,png,jpeg|max:10000"
        ];
    }

    public function messages()
    {
        return [
            "name.required" => "Course name is required",
            "author_id.required" => "Author name is required",
            "description.required" => "Description is required",
            "price.required" => "Price is required",
            "discount" => "Discount must be a whole number.",
            "category_id.required" => "Category is required",
            "difficulty_id.required" => "Difficulty is required",
            "language_id.required" => "Languages is required",
            "image.required" => "Image is required",
            "release_date" => "bail|required|date",

            "name.unique" => "Course name must be unique",
```

```
            "author_id.exists" => "Author does not exits",
            "price.numeric" => "Price must be a number",
            "category_id.exists" => "Category does not exist",
            "difficulty_id.exists" => "Difficulty does not exists",
            "image" => "Uploaded wrong file. JPG or PNG.",
            "release_date" => "Incorrect date format"
        ];
    }
}
```

LanguageCreateRequest

```php
<?php

namespace App\Http\Requests\Language;

use Illuminate\Foundation\Http\FormRequest;

class LanguageCreateRequest extends FormRequest
{
    /**
     * Determine if the user is authorized to make this request.
     *
     * @return bool
     */
    public function authorize()
    {
        return true;
    }

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
    {
        return [
            "name" => "bail|required"
        ];
    }

    public function messages()
    {
        return [
            "name" => "Name is required."
        ];
    }
}
```

LanguageUpdateRequest

```php
<?php

namespace App\Http\Requests\Language;

use Illuminate\Foundation\Http\FormRequest;

class LanguageUpdateRequest extends FormRequest
{
    /**
     * Determine if the user is authorized to make this request.
     *
     * @return bool
     */
    public function authorize()
    {
        return true;
    }

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
    {
        return [
            "name" => "bail|required|unique:languages,name"
        ];
    }

    public function messages()
    {
        return [
            "name" => "Name is required and must be unique."
        ];
    }
}
```

LoginRequest

```php
<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class LoginRequest extends FormRequest
{
    /**
     * Determine if the user is authorized to make this request.
     *
     * @return bool
     */
    public function authorize()
    {
        return true;
    }

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
    {
        return [
            "email" => "bail|required|email|exists:users,email",
            "password" => "bail|required|regex:/^(?=.*[A-Z])(?=.*[a-z])(?=.*\d)[A-Za-
z\d]{8,}$/"
        ];
    }

    public function messages()
    {
        return [
            "email.required" => "Email empty.",
            "email.exists" => "You have not registered yet.",

            "password.required" => "Password empty.",
            "password.regex" => "Password must be at least 8 characters, and must
contain 1 lowercase letter, 1 uppercase letter, and a number."
        ];
    }
}
```

RegisterRequest

```php
<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class RegisterRequest extends FormRequest
{
    /**
     * Determine if the user is authorized to make this request.
     *
     * @return bool
     */
    public function authorize()
    {
        return true;
    }

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
    {
        return [
            "name" => "bail|required|alpha_num|unique:users,name|min:5|max:20",
            "email" => "bail|required|email|unique:users,email",
            "password" => "bail|required|confirmed|regex:/^(?=.*[A-Z])(?=.*[a-
z])(?=.*\d)[A-Za-z\d]{8,}$/"
        ];
    }

    public function messages()
    {
        return [
            "name.required" => "Username empty.",
            "name.alphanumeric" => "Username can contain only letters and numbers.",
            "name.unique" => "Username already exists.",
            "name.min" => "Username must be larger than 5 characters.",
            "name.max" => "Username must be smaller than 20 characters.",

            "email.required" => "Email empty.",
            "email.unique" => "Email already registerd.",
            "email.email" => "Email is not in correct format.",

            "password.required" => "Password empty.",
            "password.regex" => "Password must be at least 8 characters, and must
contain 1 lowercase letter, 1 uppercase letter, and a number.",
            "password.confirmed" => "Password do not match"
        ];
    }
}
```

Models

Author

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Author extends Model
{
    use HasFactory;

    protected $table = "authors";
    public $timestamps = false;

    protected $fillable = ["first_name", "last_name", "birth_date"];

    public function topFourCourses(){
        return $this->hasMany(Course::class)->take(4)->get();
    }
}
```

Category

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Category extends Model
{
    use HasFactory;

    protected $table = "categories";
    protected $fillable = ["name"];

    public $timestamps = false;

    public static function topEightCategories(){
        return Category::all()->take(8);
    }
}
```

Course

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Course extends Model
{
    use HasFactory;

    protected $table = "courses";

    protected $guarded = [];

    public function languages(){
        return $this->belongsToMany(Language::class);
    }
    public function images(){
        return $this->hasMany(Image::class);
    }
    public function author(){
        return $this->belongsTo(Author::class);
    }
    public function category(){
        return $this->belongsTo(Category::class);
    }
    public function difficulty(){
        return $this->belongsTo(Difficulty::class);
    }

    public static function recommendedCourses(){
        return Course::with("images")->inRandomOrder()->take(5)->get();
    }

    public static function topFiveDiscounted(){
        return Course::with("images")->with("author")->where("discount",">","0")
            ->orderByDesc("discount")->take(5)->get();
    }

    public static function topFiveFree(){
        return Course::with("images")->where("price","=","0")
            ->take(5)->get();
    }

    public static function recentlyReleased(){
        return Course::with("images")->orderByDesc("release_date")
            ->take(4)->get();
    }
}
```

CourseSection

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class CourseSection extends Model
{
    use HasFactory;

    protected $table = "course_sections"
}
```

Difficulty

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Difficulty extends Model
{
    use HasFactory;

    protected $table = "difficulties";
}
```

Image

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Image extends Model
{
    use HasFactory;

    protected $table = "images";

    protected $fillable = ["src","course_id","relative_src"];

    public $timestamps = false;
}
```

ImageType

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class ImageType extends Model
{
    use HasFactory;

    protected $table = "image_types";
}
```

Language

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Support\Facades\DB;
use Illuminate\Support\Facades\Lang;

class Language extends Model
{
    use HasFactory;

    protected $table = "languages";

    protected $fillable = ["name"];
    public $timestamps = false;

    public function courses(){
        return $this->belongsToMany(Course::class);
    }

    public static function randLangWithCourses(){
        $languages = Language::all();

        $rand_lang_bucket = [];

        foreach($languages as $l){
            if($l->courses()->count() >= 3)
                $rand_lang_bucket[] = $l;
        }

        $rand_ind = rand(0, count($rand_lang_bucket) - 1);
        $rand_lang = $rand_lang_bucket[$rand_ind];

        $rand_lang->courses()->get();

        return $rand_lang;
    }
}
```

Menu

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Menu extends Model
{
    use HasFactory;

    protected $table = "menus";

    public function items(){
        return $this->hasMany(MenuItem::class);
    }
}
```

MenuItem

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class MenuItem extends Model
{
    use HasFactory;

    protected $table = "menu_items";
}
```

Receipt

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Receipt extends Model
{
    use HasFactory;

    protected $table = "receipts";

    protected $guarded = [];
}
```

ReceiptItem

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class ReceiptItem extends Model
{
    use HasFactory;

    protected $table = "receipt_items";
    public $timestamps = false;

    protected $guarded = [];
}
```

Role

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Role extends Model
{
    use HasFactory;

    protected $table = "roles";
}
```

User

```php
<?php

namespace App\Models;

use Illuminate\Contracts\Auth\MustVerifyEmail;
use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Foundation\Auth\User as Authenticatable;
use Illuminate\Notifications\Notifiable;

class User extends Authenticatable
{
    use HasFactory, Notifiable;

    /**
     * The attributes that are mass assignable.
     *
     * @var array
     */
    protected $fillable = [
        'name',
        'email',
        'password',
    ];

    /**
     * The attributes that should be hidden for arrays.
     *
     * @var array
     */
    protected $hidden = [
        'password',
        'remember_token',
    ];

    /**
     * The attributes that should be cast to native types.
     *
     * @var array
     */
    protected $casts = [
        'email_verified_at' => 'datetime',
    ];

    public function role(){
        return $this->belongsTo(Role::class);
    }
}
```

Migrations

https://drive.google.com/file/d/1RiGaaXJy1uckCTBQsIQkNiOZFsyMo4R0/view?usp=sharing

Seeders

AuthorSeeder

```php
<?php

namespace Database\Seeders;

use Illuminate\Database\Seeder;
use Faker\Factory;

class AuthorSeeder extends Seeder
{
    /**
     * Run the database seeds.
     *
     * @return void
     */
    public function run()
    {
        $authors = [];

        $faker = Factory::create();

        for ($i = 0; $i < 50; $i++){
            array_push($authors,
                [
                    "first_name" => $faker->firstName(),
                    "last_name" => $faker->lastName(),
                    "birth_date" => $faker->dateTimeBetween("-50 years", "-20 years")
                ]);
        }

        \DB::table("authors")->insert($authors);
    }
}
```

CategorySeeder

```php
<?php

namespace Database\Seeders;

use Illuminate\Database\Seeder;

class CategorySeeder extends Seeder
{
    /**
     * Run the database seeds.
     *
     * @return void
     */
    public function run()
    {
        \DB::table("categories")->insert([
            ["name" => "Web Development"],
            ["name" => "Mobile Development"],
            ["name" => "Game Development"],
            ["name" => "Desktop Development"],
            ["name" => "Database"],
            ["name" => "Software Tools"],
            ["name" => "Programming Languages"]
        ]);
    }
}
```

DifficultySeeder

```php
<?php

namespace Database\Seeders;

use Illuminate\Database\Seeder;

class DifficultySeeder extends Seeder
{
    /**
     * Run the database seeds.
     *
     * @return void
     */
    public function run()
    {
        \DB::table("difficulties")->insert([
            ["name" => "Beginner"],
            ["name" => "Intermediate"],
            ["name" => "Advanced"]
        ]);
    }
}
```

ImageTypeSeeder

```php
<?php

namespace Database\Seeders;

use Illuminate\Database\Seeder;

class ImageTypeSeeder extends Seeder
{
    /**
     * Run the database seeds.
     *
     * @return void
     */
    public function run()
    {
        \DB::table("image_types")->insert([
            ["name" => "thumbnail"],
            ["name" => "wallpaper"]
        ]);
    }
}
```

LanguageSeeder

```php
<?php

namespace Database\Seeders;

use Illuminate\Database\Seeder;
use function Symfony\Component\Translation\t;

class LanguageSeeder extends Seeder
{
    private $languages;

    public function __construct()
    {
        $this->languages = [
            "JavaScript (React.js and Node.js)",
            "Python",
            "HTML",
            "CSS",
            "C++",
            "TypeScript",
            "Rust",
            "Scheme",
            "Java ",
            "Kotlin",
            "C#",
            "Perl",
            "PHP",
            "Scala ",
            "Swift",
            "MATLAB",
            "SQL",
            "R Programming Language",
            "Golang (Go)",
            "Ruby"
        ];
    }


    /**
     * Run the database seeds.
     *
     * @return void
     */
    public function run()
    {
        $array_to_insert = [];

        foreach($this->languages as $language){
            array_push($array_to_insert, ["name" => "$language"]);
        }

        \DB::table("languages")->insert($array_to_insert);
    }
}
```

RoleSeeder

```php
<?php

namespace Database\Seeders;

use Illuminate\Database\Seeder;

class RoleSeeder extends Seeder
{
    /**
     * Run the database seeds.
     *
     * @return void
     */
    public function run()
    {
        \DB::table("roles")->insert([
            ["name" => "user"],
            ["name" => "admin"]
        ]);
    }
}
```

Views

Common

Fixed

Admin

Footer.blade.php

```
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-
alpha.6/js/bootstrap.min.js"
        integrity="sha384-
vBWWzlZJ8ea9aCX4pEW3rVHjgjt7zpkNpZk+02D9phzyeVkE+jo0ieGizqPLForn"
        crossorigin="anonymous"></script>

<script src="{{ asset("assets/js/admin/admin.js") }}"></script>
@yield("scripts")
</body>
</html>
```

Head.blade.php

```
<!DOCTYPE html>

<html lang="en" class="no-js">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-
fit=no">
    <meta name="csrf-token" content="{{ csrf_token() }}" />
    <title>@yield("title")</title>

    <link href="{{ asset('assets/css/media_query.css') }}" rel="stylesheet"
type="text/css"/>
    <link href="{{ asset('assets/css/bootstrap.css') }}" rel="stylesheet"
type="text/css"/>


    {{--Line icons--}}
    <link href="https://cdn.lineicons.com/2.0/LineIcons.css" rel="stylesheet">

    {{--Poppins font--}}
    <link href="https://fonts.googleapis.com/css?family=Poppins" rel="stylesheet">

    {{--Line Icons--}}
    <link href="https://cdn.lineicons.com/2.0/LineIcons.css" rel="stylesheet">
    <link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-
awesome.min.css" rel="stylesheet"
          integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">

    <link href="{{ asset('assets/css/style_1.css') }}" rel="stylesheet"
type="text/css"/>

    {{--Main CSS--}}
    <link href="{{ asset('assets/css/main.css') }}" type="text/css" rel="stylesheet"/>

    {{--Admin CSS--}}
    <link href="{{ asset("assets/css/admin.css") }}" type="text/css"
rel="stylesheet"/>

    @yield("stylesheets")
</head>
```

Header.blade.php

```
<body>
    <div class="row position-fixed fixed-top admin-top-nav p-2">
        <div class="col-12 d-flex justify-content-between align-items-center pl-4">
            <i id="left-nav-expand-btn" class="lni lni-menu"></i>
            <a href="{{ route("home") }}"><img class="logo" width="150" src="{{
asset("assets/images/logo-white.png") }}" alt="img"/></a>
            <div class="d-flex align-items-center">
                <a href="{{ route("logout") }}" class="cf-button cf-button-small mr-
2">Logout</a>
                <div class="d-flex align-items-center">
                    <span class="mx-2 text-on-dark admin-name"> Andrej
Zarkovski</span>
                    <img class="profile-img fh5co_verticle_middle"
                         src="{{ asset("assets/images/profile-default.png") }}"
alt="Profile deafult"/>
                </div>
            </div>
        </div>
    </div>
    <div class="admin-left-nav position-fixed">
        <h2 class="my-3 mb-4 text-center">Control panel</h2>
        <ul class="my-3 px-0 admin-control-panel">
            @foreach($menu_grouped as $group)
                <li><a class="@if(Route::is($group[0]->route)) admin-control-panel-
selected @endif" href="@if($group[0]->route != "") {{ route($group[0]->route) }}
@endif"><i class="lni lni-library"></i>{{ $group[0]->name }}</a></li>
                <ul class="pl-0">
                @foreach($group as $sub_item)
                    @if($loop->first) @continue @endif
                    <li class="pl-5"><a class="@if(Route::is($sub_item->route)) admin-
control-panel-selected @endif" href="{{ route($sub_item->route) }}">{{ $sub_item->name
}}</a></li>
                @endforeach
                </ul>
            @endforeach
        </ul>
    </div>
```

Head.blade.php

```
<!DOCTYPE html>

<html lang="en" class="no-js">
    <head>
        <!-- Required meta tags -->
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-
fit=no">
        <title>@yield("title")</title>

        <link href="{{ asset('assets/css/media_query.css') }}" rel="stylesheet"
type="text/css"/>
        <link href="{{ asset('assets/css/bootstrap.css') }}" rel="stylesheet"
type="text/css"/>

        {{--Line Icons--}}
        <link href="https://cdn.lineicons.com/2.0/LineIcons.css" rel="stylesheet">

        <link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-
awesome.min.css" rel="stylesheet"
              integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">
        <link href="{{ asset('assets/css/animate.css') }}" rel="stylesheet"
type="text/css"/>
        <link href="https://fonts.googleapis.com/css?family=Poppins" rel="stylesheet">
        <link href="{{ asset('assets/css/owl.carousel.css') }}" rel="stylesheet"
type="text/css"/>
        <link href="{{ asset('assets/css/owl.theme.default.css') }}" rel="stylesheet"
type="text/css"/>
        <!-- Bootstrap CSS -->
        <link href="{{ asset('assets/css/style_1.css') }}" rel="stylesheet"
type="text/css"/>
        <!-- Modernizr JS -->
        <script src="{{ asset('assets/js/modernizr-3.5.0.min.js') }}"></script>

        {{--Materialize Icons--}}
        <link href="https://fonts.googleapis.com/icon?family=Material+Icons"
rel="stylesheet">

        {{--Main CSS--}}
        <link href="{{ asset('assets/css/main.css') }}" type="text/css"
rel="stylesheet"/>

        @yield("stylesheets")
    </head>
```

Footer.blade.php

```
<div class="container-fluid fh5co_footer_bg pb-3">
    <div class="container animate-box">
        <div class="row">
            <div class="col-12 spdp_right py-5 logo-footer-container"><img src="{{
asset("assets/images/logo-white.png") }}" alt="img" class="logo-footer"/></div>
            <div class="clearfix"></div>
            <div class="col-12 col-md-4 col-lg-3">
                <div class="footer_main_title py-3"> About</div>
                <div class="footer_sub_about pb-3"> Welcome to CodeFreakz. Here you
can perfect your skills in various programming areas. From web development to OS
development. Video tutorials are made by top of the class programmers with in depth
coverage of the material being presented. Tutorial difficulties range from begginer to
advanced, and on top of all, we have best prices.</div>
                <div class="footer_mediya_icon">
                    <div class="text-center d-inline-block"><a
href="https://www.linkedin.com/in/andrej-zarkovski-01b8a4188/" target="_blank"
class="fh5co_display_table_footer">
                            <div class="fh5co_verticle_middle"><i class="fa fa-
linkedin"></i></div>
                        </a></div>
                    <div class="text-center d-inline-block"><a
href="https://youtube.com" target="_blank" class="fh5co_display_table_footer">
                            <div class="fh5co_verticle_middle"><i class="fa fa-
youtube"></i></div>
                        </a></div>
                    <div class="text-center d-inline-block"><a
href="https://twitter.com" target="_blank" class="fh5co_display_table_footer"
target="_blank" class="fh5co_display_table_footer">
                            <div class="fh5co_verticle_middle"><i class="fa fa-
twitter"></i></div>
                        </a></div>
                    <div class="text-center d-inline-block"><a
href="https://facebook.com" target="_blank" class="fh5co_display_table_footer">
                            <div class="fh5co_verticle_middle"><i class="fa fa-
facebook"></i></div>
                        </a>
                    </div>
                </div>
            </div>
            <div class="col-12 col-md-3 col-lg-2">
                <div class="footer_main_title py-3"> Category</div>
                <ul class="footer_menu">
                    @foreach($footer_categories as $category)
                        <li><a href="#" class="footer_cat"><i class="fa fa-angle-
right"></i>   {{ $category->name }}</a></li>
                    @endforeach
                </ul>
            </div>
            <div class="col-12 col-md-5 col-lg-3 position_footer_relative">
                <div class="footer_main_title py-3">Recommended courses</div>
                @foreach($footer_courses as $course)
                    <div class="footer_makes_sub_font"> {{ $course->release_date
}}</div>
                    <a href="#" class="footer_post pb-4"> {{ $course->name }}</a>
                @endforeach
                <div class="footer_position_absolute"><img src="{{
```

```
asset("assets/images/footer_sub_tipik.png") }}" alt="img"
class="width_footer_sub_img"/></div>
            </div>
            <div class="col-12 col-md-12 col-lg-4 latest-youtube-video ">
                <div class="footer_main_title py-3"> Our latest YouTube video</div>
                <iframe class="youtube-video" style="width: 100%" height="190px"
src="https://www.youtube.com/embed/F-sFp_AvHc8" frameborder="0" allow="accelerometer;
autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture"
allowfullscreen></iframe>
            </div>
        </div>
    </div>
</div>
<div class="container-fluid fh5co_footer_right_reserved">
    <div class="container">
        <div class="row  ">
            <div class="col-12 col-md-6 py-4 Reserved"> © Copyright {{ date("Y") }},
Code Mastery. All rights reserved. </div>
            <div class="col-12 col-md-6 spdp_right py-4 d-flex flex-wrap justify-
content-center">
                @foreach($header_menu as $menu_item)
                    <a href="{{ route($menu_item->route) }}"
class="footer_last_part_menu"> {{ $menu_item->name }}</a>
                @endforeach
        </div>
    </div>
</div>

{{--Scroll up arrow--}}
<div class="gototop js-top">
    <a href="#" class="js-gotop"><i class="fa fa-arrow-up"></i></a>
</div>


<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>
<script src="{{ asset("assets/js/owl.carousel.min.js") }}"></script>
<!--<script src="https://code.jquery.com/jquery-3.1.1.slim.min.js" integrity="sha384-
A7FZj7v+d/sdmMqp/nOQwliLvUsJfDHW+k9Omg/a/EheAdgtzNs3hpfag6Ed950n"
crossorigin="anonymous"></script>-->
<script src="https://cdnjs.cloudflare.com/ajax/libs/tether/1.4.0/js/tether.min.js"
        integrity="sha384-
DztdAPBWPRXSA/3eYEEUWrWCy7G5KFbe8fFjk5JAIxUYHKkDx6Qin1DkWx51bBrb"
        crossorigin="anonymous"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-
alpha.6/js/bootstrap.min.js"
        integrity="sha384-
vBWWzlZJ8ea9aCX4pEW3rVHjgjt7zpkNpZk+02D9phzyeVkE+jo0ieGizqPLForn"
        crossorigin="anonymous"></script>
<!-- Waypoints -->
<script src="{{ asset("assets/js/jquery.waypoints.min.js") }}"></script>

<!-- Main -->
<script src="{{ asset("assets/js/main.js") }}"></script>
<script src="{{ asset("assets/js/cf-main.js") }}"></script>
@yield("scripts")
```

```
</body>
</html>
```

Header.blade.php

```
<body class="@yield("body-classes")">
<div class="container-fluid account-bar pr-md-4 pr-lg-5">
    <div class="d-flex justify-content-end">
        @if(session("user"))
            @if(session("user")->role->name == "admin")
                <a href="{{ route("admin.coursesPage") }}" class="admin-panel-link mr-
4">
                    <span>Admin panel</span>
                    <i class="lni lni-layout admin-panel-icon"></i>
                </a>
            @endif
            <a href="{{ route("logout") }}" class="cf-button cf-button-
small">Logout</a>
        @else
            <a href="{{ route("registerPage") }}" class="cf-button cf-button-
small">Register</a>
            <a href="{{ route("loginPage") }}" class="cf-button cf-button-small ml-
2">Login</a>
        @endif
    </div>
</div>
<div class="container-fluid fh5co_header_bg">
    <div class="container">
        <div class="row">
            <div class="col-12 fh5co_mediya_center">

            </div>
        </div>
    </div>
</div>
<div class="container-fluid">
    <div class="container">
        <div class="row">
            <div class="col-12 col-md-3 fh5co_padding_menu">
                <a href="{{ route("home") }}"><img width="250" src="{{
asset("assets/images/logo.jpg") }}" alt="img"/></a>
            </div>
            <div class="col-12 col-md-9 align-self-center justify-content-end align-
items-center d-none d-md-flex">
                <div class="d-none d-lg-flex">
                    <div class="text-center d-inline-block">
                        <a href="https://www.linkedin.com/in/andrej-zarkovski-
01b8a4188/" target="_blank" class="fh5co_display_table">
                            <div class="fh5co_verticle_middle"><i class="fa fa-
linkedin"></i></div>
                        </a>
                    </div>
                    <div class="text-center d-inline-block">
                        <a href="https://youtube.com" class="fh5co_display_table"
target="_blank">
                            <div class="fh5co_verticle_middle"><i class="fa fa-
youtube"></i></div>
                        </a>
                    </div>
                    <div class="text-center d-inline-block">
                        <a href="https://twitter.com" target="_blank"
```

```
class="fh5co_display_table" target="_blank">
                            <div class="fh5co_verticle_middle"><i class="fa fa-
twitter"></i></div>
                        </a>
                    </div>
                    <div class="text-center d-inline-block">
                        <a href="https://facebook.com" target="_blank"
class="fh5co_display_table" target="_blank">
                            <div class="fh5co_verticle_middle"><i class="fa fa-
facebook"></i></div>
                        </a>
                    </div>
                </div>
                <!--<div class="d-inline-block text-center"><img
src="images/country.png" alt="img" class="fh5co_country_width"/></div>-->
                <div class="clearfix"></div>
            </div>
        </div>
    </div>
</div>
<div class="container-fluid bg-faded fh5co_padd_mediya padding_786">
    <div class="container padding_786">
        <nav class="navbar navbar-toggleable-md navbar-light" id="navigation-bar">
            <div class="d-lg-none d-flex justify-content-between align-items-center
mb-3">
                <button class="navbar-toggler d-inline-block mt-1" type="button" data-
toggle="collapse"
                        data-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent"
                        aria-expanded="false"
                        aria-label="Toggle navigation"><span class="fa fa-
bars"></span></button>
            </div>
            <div class="collapse navbar-collapse" id="navbarSupportedContent">
                <ul class="navbar-nav mr-auto">
                    @foreach($header_menu as $menu_item)
                        <li class="nav-item @if( Route::is($menu_item->route) ) active
@endif">
                            <a class="nav-link" href="{{ route($menu_item->route)
}}">{{ $menu_item->name }} <span class="sr-only">(current)</span></a>
                        </li>
                    @endforeach
                </ul>
            </div>
        </nav>
    </div>
</div>
```

Layouts

Admin.blade.php

```
@include("common.fixed.admin.head")

@include("common.fixed.admin.header")

<div class="admin-page-content">
    @yield("content")
</div>
@include("common.fixed.admin.footer")
```

Layout.blade.php

```
@include("common.fixed.head")

@include("common.fixed.header")

@yield("content")

@include("common.fixed.footer")
```

Pages

403.blade.php

```
@extends("common.layouts.layout")


@section("title") CodeFreakz | About @endsection

@section("content")
<div class="row my-5">
    <div class="row col-sm-10 offset-sm-1 mx-0 mx-sm-auto">
        <div class="col-12 ">
            <h1 class="text-uppercase text-center mb-4">403 - Forbidden</h1>
        </div>
    </div>
</div>
<script async src="https://platform.twitter.com/widgets.js" charset="utf-8"></script>
@endsection
```

About.blade.php

```
@extends("common.layouts.layout")


@section("title") CodeFreakz | About @endsection

@section("content")
<div class="row my-5">
    <div class="row col-sm-10 offset-sm-1 mx-0 mx-sm-auto">
        <div class="col-12 col-md-8 mb-5 mb-md-0">
            <h2 class="text-uppercase text-center mb-4">About me</h2>
            <div id="aboutText">
                <div class="row">
                    <div id="profilePicWrapper" class="col-6 offset-3 col-sm-5 offset-
sm-0 mx-sm-auto col-md-6 offset-md-3 col-lg-3 offset-lg-0 mb-4">
                        <img src="{{ asset("assets/images/developer-profile.jpg") }}"
alt="Profile picture" class="w-100">
                    </div>
                    <div class="col-lg-9">
                        <p class="mb-4">My name is Andrej Zarkovski. I'm studying web
programming at "Visoka ICT
                            Škola" in Belgrade. In my early childhood I was very
interested in how computers work
                            and I continued to learn more about them. Now I am
pursuing career in computer
                            programming. I love computer related stuff and I love
playing video games.</p>
                        <span class="d-block">Portfolio: <a
href="http://zarke998.github.io/web-portfolio" target="_blank" class="mb-3 ml-2 cf-
link">zarke998.github.io/web-portfolio</a></span>
                        <span class="d-block">GitHub: <a
href="https://github.com/zarke998" class="mb-3 ml-2 cf-link"
target="_blank">github.com/zarke998</a></span>
                        <span class="d-block">LinkedIn: <a
href="https://www.linkedin.com/in/andrej-zarkovski-01b8a4188/" class="mb-3 ml-2 cf-
link" target="_blank">linkedin.com/in/andrej-zarkovski-01b8a4188</a></span>
                    </div>
                </div>

            </div>
        </div>
        <div class="col-12 col-md-4">
            <div class="row">
                <div id="socials" class="col-12">
                    <h4 class="text-uppercase text-center">Follow us on socials</h4>
                    <ul id="socialLinks" class="d-flex justify-content-center px-0">
                        <li><a href="http://facebook.com" target="_blank"><i
class="lni lni-facebook-oval facebook-icon social-icon"></i></a>
                        </li>
                        <li><a href="http://twitter.com" target="_blank"><i class="lni
lni-twitter-filled twitter-icon social-icon"></i></a>
                        </li>
                        <li><a href="http://instagram.com" target="_blank"><i
class="lni lni-instagram-filled instagram-icon social-icon"></i></a></li>
                        <li><a href="http://youtube.com" target="_blank"><i class="lni
lni-youtube youtube-icon social-icon"></i></a></li>
```

```
                        <li><a href="http://twitch.tv" target="_blank"><i class="lni
lni-twitch twitch-icon social-icon"></i></a></li>
                    </ul>
                </div>
                <div id="twitchChannelWrapper" class="col-12 offset-0 col-md-12
offset-md-0 mt-3">
                    <h4 class="text-uppercase text-center">Our Twitter feed</h4>
                    <div id="twitchChannel" class="frameLink">
                        <a class="twitter-timeline" data-height="300" data-
theme="light" href="https://twitter.com/Twitter?ref_src=twsrc%5Etfw">Tweets by
Twitter</a>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
<script async src="https://platform.twitter.com/widgets.js" charset="utf-8"></script>
@endsection
```

Contact.blade.php

```
@extends("common.layouts.layout")


@section("title") CodeFreakz | Contact @endsection

    @section("content")
<div class="container-fluid contact_us_bg_img" style="background: url(&apos;{{
asset("assets/images/contact wallpaper - compressed.jpg") }}&apos;); background-size:
cover;">
    <div class="container">
        <div class="row">
            <a href="#" class="fh5co_con_123"><i class="fa fa-home"></i></a>
            <a href="#" class="fh5co_con pt-2"> Contact Us </a>
        </div>
    </div>
</div>
<div class="container-fluid  fh5co_fh5co_bg_contcat">
    <div class="container">
        <div class="row py-4">
            <div class="col-md-4 py-3">
                <div class="row fh5co_contact_us_no_icon_difh5co_hover">
                    <div class="col-3 fh5co_contact_us_no_icon_difh5co_hover_1 px-0
px-lg-1">
                        <div class="fh5co_contact_us_no_icon_div"> <span><i class="fa
fa-phone"></i></span> </div>
                    </div>
                    <div class="col-9 align-self-center
fh5co_contact_us_no_icon_difh5co_hover_2">
                        <span class="c_g d-block">Call Us</span>
                        <span class="d-block c_g fh5co_contact_us_no_text">+381 111
222 333</span>
                    </div>
                    <div class="clearfix"></div>
                </div>
            </div>
            <div class="col-md-4 py-3">
                <div class="row fh5co_contact_us_no_icon_difh5co_hover">
                    <div class="col-3 fh5co_contact_us_no_icon_difh5co_hover_1 px-0
px-lg-1">
                        <div class="fh5co_contact_us_no_icon_div"> <span><i class="fa
fa-envelope"></i></span> </div>
                    </div>
                    <div class="col-9 align-self-center
fh5co_contact_us_no_icon_difh5co_hover_2">
                        <span class="c_g d-block">Have any questions?</span>
                        <span class="d-block c_g
fh5co_contact_us_no_text">andrej.zarkovski.22.18@ict.edu.rs</span>
                    </div>
                    <div class="clearfix"></div>
                </div>
            </div>
            <div class="col-md-4 py-3">
                <div class="row fh5co_contact_us_no_icon_difh5co_hover">
                    <div class="col-3 fh5co_contact_us_no_icon_difh5co_hover_1 px-0
```

```
px-lg-1">
                        <div class="fh5co_contact_us_no_icon_div"> <span><i class="fa
fa-map-marker"></i></span> </div>
                    </div>
                    <div class="col-9 align-self-center
fh5co_contact_us_no_icon_difh5co_hover_2">
                        <span class="c_g d-block">Address</span>
                        <span class="d-block c_g fh5co_contact_us_no_text"> Zdravka
Čelara 16, Beograd</span>
                    </div>
                    <div class="clearfix"></div>
                </div>
            </div>
            <div class="clearfix"></div>
        </div>
    </div>
</div>
<div class="container-fluid mb-4">
    <div class="container">
        <div class="col-12 text-center contact_margin_svnit ">
            <div class="text-center fh5co_heading py-2">Contact Us</div>
        </div>
        <div class="row">
            <div class="col-12 col-md-6">
                <form class="row" id="fh5co_contact_form">
                    <div class="col-12 py-3">
                        <input type="text" class="form-control fh5co_contact_text_box"
placeholder="Enter Your Name" />
                    </div>
                    <div class="col-6 py-3">
                        <input type="text" class="form-control fh5co_contact_text_box"
placeholder="E-mail" />
                    </div>
                    <div class="col-6 py-3">
                        <input type="text" class="form-control fh5co_contact_text_box"
placeholder="Subject" />
                    </div>
                    <div class="col-12 py-3">
                        <textarea class="form-control fh5co_contacts_message"
placeholder="Message"></textarea>
                    </div>
                    <div class="col-12 py-3 text-center"> <a href="#" class="btn
contact_btn">Send Message</a> </div>
                </form>
            </div>
            <div class="col-12 col-md-6 align-self-center">
                <iframe
src="https://www.google.com/maps/embed?pb=!1m14!1m12!1m3!1d3168.639290621062!2d-
122.08624618469247!3d37.421999879825215!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!5e0!3m
2!1sfr!2sbe!4v1514861541665" class="map_sss" allowfullscreen></iframe>
            </div>
        </div>
    </div>
</div>
@endsection
```

Cart.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Cart @endsection

@section("scripts")
    <script src="{{ asset("assets/js/cart.js") }}"></script>
@endsection

@section("content")
    <div class="row mb-5 mx-0">
        <div class="col-12">
            <h1 class="text-center py-4">Cart</h1>
        </div>
        <div class="col-10 offset-1" style="overflow: auto">
            <table class="cart-table w-100">
                <thead style="border-bottom: 1px solid gray">
                    <td>Image</td>
                    <td>Title</td>
                    <td>Price</td>
                    <td>Actions</td>
                </thead>
                <tbody class="cart-container">

                </tbody>
            </table>
            <div class="d-flex justify-content-end mr-2 cart-total" style="font-
size:24px">
                <p>Total: <span></span></p>
            </div>
            <div class="d-flex justify-content-end">
                <a href="#" class="cf-button confirm-order-btn">Confirm order</a>
            </div>
        </div>
    </div>
@endsection
```

Home.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Home @endsection

@section("stylesheets")
    <link href="{{ asset('assets/css/home.css') }}" rel="stylesheet" type="text/css"/>
@endsection

@section("content")
<div class="container-fluid paddding mb-5">
    <div class="row mx-0 intro-slider">
        <div class="col-md-6 col-12 paddding animate-box" data-animate-
effect="fadeIn">
            <div class="fh5co_suceefh5co_height">
                <img src="{{ $recommended_courses[0]->images[0]->src }}" alt="img"/>
                <div class="fh5co_suceefh5co_height_position_absolute"></div>
                <div class="fh5co_suceefh5co_height_position_absolute_font">
                    <div class="">
                        {{ $recommended_courses[0]->release_date }}
                    </div>
                    <div class="">
                        <a href="{{ route("courses.show", [ "id" =>
$recommended_courses[0]->id]) }}" class="fh5co_good_font">
                            {{ $recommended_courses[0]->name }}
                        </a>
                    </div>
                </div>
            </div>
        </div>
        <div class="col-md-6">
            <div class="row">
                @for($i = 1; $i < $recommended_courses->count(); $i++)
                    <div class="col-md-6 col-6 paddding animate-box" data-animate-
effect="fadeIn">
                        <div class="fh5co_suceefh5co_height_2">
                            <img src="{{ $recommended_courses[$i]->images[0]->src}}"
alt="img"/>
                            <div
class="fh5co_suceefh5co_height_position_absolute"></div>
                            <div
class="fh5co_suceefh5co_height_position_absolute_font_2">
                                <div class="">
                                        {{ $recommended_courses[0]->release_date }}
                                </div>
                                <div class=""><a href="{{ route("courses.show", [ "id"
=> $recommended_courses[$i]->id]) }}" class="fh5co_good_font_2">
                                        {{ $recommended_courses[$i]->name }}
                                    </a>
                                </div>
                            </div>
                        </div>
                    </div>
                @endfor
            </div>
        </div>
```

```
        <div class="intro-slider-title">
            Recommended
        </div>
    </div>
</div>
<div class="container-fluid pb-4 pt-5">
    <div class="container animate-box">
        <div>
            <div class="fh5co_heading fh5co_heading_border_bottom py-2 mb-4">On
Discount</div>
        </div>
        <div class="owl-carousel owl-theme" id="slider2">
            @foreach($discounted_courses as $course)
                <div class="item px-2">
                    <div class="fh5co_hover_news_img">
                        <div class="fh5co_news_img">
                            <img style="object-fit: cover" src="{{ $course->images[0]-
>src }}" alt=""/></div>
                        <div>
                            <a href="{{ route("courses.show", [ "id" => $course->id])
}}" class="d-block fh5co_small_post_heading"><span class="">{{ $course->name
}}</span></a>
                            <div class="c_g"><i class="fa fa-clock-o"></i> {{ $course-
>release_date }}</div>
                        </div>
                        <div class="d-flex justify-content-end
@if(session("user"))justify-content-between @endif align-items-center">
                            @if(session("user"))
                            <div class="cf-button my-2 px-3 add-to-cart-btn" data-
courseId="{{ $course->id }}">
                                Add to cart
                            </div>
                            @endif
                            <div>
                                <span> <del>{{ $course->price }}$ </del></span> -
                                <span style="color:red; font-size: 18px"> {{
round($course->price - ($course->price * $course->discount / 100), 2) }}$</span>
                            </div>
                        </div>
                    </div>
                </div>
            @endforeach
        </div>
    </div>
</div>
<div class="container-fluid fh5co_video_news_bg pb-4">
    <div class="container animate-box" data-animate-effect="fadeIn">
        <div>
            <div class="fh5co_heading fh5co_heading_border_bottom pt-5 pb-2 mb-4">FREE
Courses</div>
        </div>
        <div>
            <div class="owl-carousel owl-theme" id="slider3">
                @foreach($free_courses as $course)
                    <div class="item px-2">
                        <div class="fh5co_hover_news_img">
                            <div class="fh5co_news_img">
```

```
                                <img style="object-fit: cover" src="{{ $course-
>images[0]->src }}" alt=""/></div>
                            <div>
                                <a href="{{ route("courses.show", [ "id" => $course-
>id]) }}" class="d-block fh5co_small_post_heading"><span class="">{{ $course->name
}}</span></a>
                                <div class="c_g"><i class="fa fa-clock-o"></i> {{
$course->release_date }}</div>
                            </div>
                            <div class="d-flex justify-content-center">
                                @if(session("user"))
                                    <div class="cf-button my-2 px-3 add-to-cart-btn"
data-courseId="{{ $course->id }}">
                                        Add to cart
                                    </div>
                                @endif
                            </div>
                        </div>
                    </div>
                @endforeach
            </div>
        </div>
    </div>
</div>
<div class="container-fluid pb-4 pt-4 paddding">
    <div class="container paddding">
        <div class="row mx-0">
            <div class="col-md-8 animate-box" data-animate-effect="fadeInLeft">
                <div>
                    <div class="fh5co_heading fh5co_heading_border_bottom py-2 mb-
4">Recently uploaded</div>
                </div>
                @foreach($recent_courses as $course)
                    <div class="row pb-4">
                        <div class="col-md-5">
                            <div class="fh5co_hover_news_img">
                                <div class="fh5co_news_img"><img style="object-fit:
cover" src="{{ $course->images[0]->src }}" alt=""/></div>
                                <div></div>
                            </div>
                        </div>
                        <div class="col-md-7 animate-box">
                            <a style="display: block" href="{{ route("courses.show", [
"id" => $course->id]) }}" class="fh5co_magna py-2">
                                {{ $course->name }}
                            </a> <a href="{{ route("courses.show", [ "id" => $course-
>id]) }}" class="fh5co_mini_time pb-3">
                                {{ $course->author->first_name . " " . $course-
>author->last_name }} <span class="pl-1"> {{ $course->release_date }}</span>
                            </a>
                            <div class="fh5co_consectetur">
                                {!! substr($course->description,0, 120) !!} ...
                            </div>
                            <div class="d-flex justify-content-end
@if(session("user")) justify-content-between @endif mr-4 align-items-center my-3">
                                @if(session("user"))
                                <div class="cf-button my-2 px-3 add-to-cart-btn" data-
```

```
courseId="{{ $course->id }}">
                                    Add to cart
                                </div>
                                @endif
                                <div>
                                    <span style="color:red; font-size: 18px">
                                        @if($course->price == 0)
                                            FREE
                                        @else
                                            {{ round($course->price,2) }}$
                                        @endif
                                    </span>
                                </div>
                            </div>
                        </div>
                    </div>
                @endforeach
            </div>
            <div class="col-md-3 animate-box" data-animate-effect="fadeInRight">
                <div>
                    <div class="fh5co_heading fh5co_heading_border_bottom py-2 mb-
4">Popular categories</div>
                </div>
                <div class="clearfix"></div>
                <div class="fh5co_tags_all popular-categories">
                    @foreach($categories as $category)
                        <a href="#" class="fh5co_tagg">{{ $category->name }}</a>
                    @endforeach
                </div>
                <div>
                    <div class="fh5co_heading fh5co_heading_border_bottom pt-3 py-2
mb-4">{{ $rand_lang->name }}</div>
                </div>
                @foreach($rand_lang->courses->take(4) as $course)
                    <div class="row py-3">
                        <div class="col-lg-5 align-self-center">
                            <img style="object-fit: cover" src="{{ $course->images[0]-
>src }}" alt="img" class="fh5co_most_trading"/>
                        </div>
                        <div class="col-lg-7 mt-1 px-lg-0">
                            <div class="most_fh5co_treding_font"><a class="cf-link"
href="{{ route("courses.show", ["id" => $course->id]) }}">{{ $course->name }}
</a></div>
                            <div class="most_fh5co_treding_font_123">{{ $course-
>release_date }}</div>
                        </div>
                    </div>
                @endforeach
            </div>
        </div>
        <div class="row mx-0 animate-box" data-animate-effect="fadeInUp">

        </div>
    </div>
</div>
@endsection
```

Login.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Login @endsection


@section("content")
    <div class="row mb-5">
        <div class="col-12">
            <h1 class="text-center py-4">Login</h1>
        </div>
        <div class="col-md-10 offset-md-1 col-lg-8 offset-lg-2 col-xl-6 offset-xl-3">
            <div class="row">
                <div class="col-10 offset-1 col-sm-8 offset-sm-2">
                    <form action="{{ route("login") }}" method="POST">
                        @csrf
                        <div class="input-group mb-3">
                            <input type="text" name="email" class="form-control cf-
input" placeholder="Email" aria-label="Email" aria-describedby="basic-addon1"
value="{{old("email")}}">
                        </div>
                        <div class="input-group mb-2">
                            <input type="password" name="password" class="form-control
cf-input" placeholder="Password" aria-label="Password" aria-describedby="basic-
addon1">
                        </div>
                        <div>
                            <button type="submit" class="w-100 cf-button mt-
3">Login</button>
                        </div>
                        @if(session("registrationSuccessfullMsg"))
                        <div class="success-msg my-2">
                            Registration successfull.
                        </div>
                        @endif
                        @if($errors->any())
                            <ul class="my-2 error-msg-list">
                                @foreach($errors->all() as $error)
                                    <li>
                                        {{ $error }}
                                    </li>
                                @endforeach
                            </ul>
                        @endif
                        @if(session("loginErrorMsg"))
                            <div class="error-msg my-2">
                                {{ session("loginErrorMsg") }}
                            </div>
                        @endif
                    </form>
                </div>
            </div>
        </div>
    </div>
@endsection
```

Register.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Register @endsection


@section("content")
    <div class="row mb-5">
        <div class="col-12">
            <h1 class="text-center py-4">Register</h1>
        </div>
        <div class="col-md-10 offset-md-1 col-lg-8 offset-lg-2 col-xl-6 offset-xl-3">
            <div class="row">
                <div class="col-10 offset-1 col-sm-8 offset-sm-2">
                    <form action="{{ route("register") }}" method="POST">
                        @csrf
                        <div class="input-group mb-3">
                            <input type="text" name="name" class="form-control cf-
input" placeholder="Username" aria-label="Username" aria-describedby="basic-addon1"
value="{{ old("name") }}">
                        </div>
                        <div class="input-group mb-3">
                            <input type="text" name="email" class="form-control cf-
input" placeholder="Email" aria-label="Email" aria-describedby="basic-addon1"
value="{{ old("email") }}">
                        </div>
                        <div class="input-group mb-3">
                            <input type="password" name="password" class="form-control
cf-input" placeholder="Password" aria-label="Username" aria-describedby="basic-
addon1">
                        </div>
                        <div class="input-group mb-3">
                            <input type="password" name="password_confirmation"
class="form-control cf-input" placeholder="Confirm password" aria-label="Username"
aria-describedby="basic-addon1">
                        </div>
                        <div>
                            <button type="submit" class="w-100 cf-button mt-
3">Register</button>
                        </div>
                        @if($errors->any())
                            <ul class="my-2 error-msg-list">
                            @foreach($errors->all() as $error)
                                <li>
                                    {{ $error }}
                                </li>
                            @endforeach
                            </ul>
                        @endif
                    </form>
                </div>
            </div>
        </div>
    </div>
@endsection
```

Admin

Logs.blade.php

```
@extends("common.layouts.admin")

@section("title") CodeFreakz | Admin - Logs @endsection

@section("content")
    <div class="content-container my-3">
        <div class="content-section mx-3 mb-5">
            <h2 class="text-center my-4">Logs</h2>
            <div class="row log-filters align-items-center mb-2">
                <div class="col-md-6 col-lg-4 log-type-filter d-flex align-items-
center">
                    <span>Log type:</span>
                    <select class="form-control cf-input cf-select" name="author"
placeholder="Author" aria-label="Author" aria-describedby="basic-addon1">
                        <option value="1">All logs</option>
                    </select>
                </div>
                <div class="col-lg-6 offset-lg-2 mt-3 d-flex justify-content-lg-end
justify-content-between flex-wrap date-filter">
                    <div class="mb-2"><span>Start date</span><input class="cf-input
ml-2" type="date" name="log-start"/></div>
                    <div class="ml-md-3"><span>End date</span><input class="cf-input
ml-3" type="date" name="log-end"/></div>
                </div>
            </div>
            <div id="log"></div>
        </div>
    </div>
@endsection
```

Content

Authors.blade.php

```
@extends("common.layouts.admin")

@section("title") CodeFreakz | Admin - Courses @endsection

@section("content")
    <div class="row content-container justify-content-center">
        <div class="content-section col-12 px-4 px-sm-5 mb-2">
            <h2 class="text-center my-4 mr-3">Authors</h2>
            <div style="">
                <table class="table">
                    <thead>
                    <tr>
                        <th scope="col">Id</th>
                        <th scope="col">First Name</th>
                        <th scope="col">Last Name</th>
                        <th scope="col">Birth Date</th>
                        <th scope="col" class="d-flex justify-content-
center">Actions</th>
                    </tr>
                    </thead>
                    <tbody>
                    @foreach($authors as $author)
                        <tr>
                            <th scope="row">{{ $author->id }}</th>
                            <td>{{ $author->first_name }}</td>
                            <td>{{ $author->last_name }}</td>
                            <td>{{ $author->birth_date }}</td>
                            <td class="table-actions d-flex justify-content-center">
                                <a href="{{ route("authors.edit", ["id" => $author-
>id]) }}" class="cf-link"><i class="lni lni-pencil"></i></a>
                                <form action="{{ route("authors.delete", ["id" =>
$author->id]) }}" method="POST">
                                    @method("DELETE")
                                    @csrf
                                    <button type="submit" class="cf-link ml-3 cf-
table-button"><i class="lni lni-trash"></i></button>
                                </form>
                            </td>
                        </tr>
                    @endforeach
                    </tbody>
                </table>
            </div>
            <div class="d-flex justify-content-center align-items-center flex-wrap">
                <div class="d-flex align-items-center mb-3 mx-4">
                    {{--                    <span class="mr-3 d-block">Add
course</span>--}}
                    <a href="{{ route("authors.create") }}" class="w-100 cf-button px-
5">Add Author</a>
                </div>
            </div>
            @if(session("entityCreateMsg"))
                <div class="success-msg">
```

```
                    {{ session("entityCreateMsg") }}
                </div>
            @endif
            @if(session("entityErrorMsg"))
                <div class="error-msg">
                    {{ session("entityErrorMsg") }}
                </div>
            @endif
        </div>

    </div>
@endsection
```

Categories.blade.php

```
@extends("common.layouts.admin")

@section("title") CodeFreakz | Admin - Courses @endsection

@section("content")
    <div class="row content-container justify-content-center">
        <div class="content-section col-12 px-4 px-sm-5 mb-2">
            <h2 class="text-center my-4 mr-3">Categories</h2>
            <div style="">
                <table class="table">
                    <thead>
                    <tr>
                        <th scope="col">Id</th>
                        <th scope="col">Name</th>
                        <th scope="col" class="d-flex justify-content-
center">Actions</th>
                    </tr>
                    </thead>
                    <tbody>
                    @foreach($categories as $category)
                        <tr>
                            <th scope="row">{{ $category->id }}</th>
                            <td>{{ $category->name }}</td>
                            <td class="table-actions d-flex justify-content-center">
                                <a href="{{ route("categories.edit", ["id" =>
$category->id]) }}" class="cf-link"><i class="lni lni-pencil"></i></a>
                                <form action="{{ route("categories.delete", ["id" =>
$category->id]) }}" method="POST">
                                    @method("DELETE")
                                    @csrf
                                    <button type="submit" class="cf-link ml-3 cf-
table-button"><i class="lni lni-trash"></i></button>
                                </form>
                            </td>
                        </tr>
                    @endforeach
                    </tbody>
                </table>
            </div>
            <div class="d-flex justify-content-center align-items-center flex-wrap">
                <div class="d-flex align-items-center mb-3 mx-4">
                    {{--                    <span class="mr-3 d-block">Add
course</span>--}}
                    <a href="{{ route("categories.create") }}" class="w-100 cf-button
px-5">Add Category</a>
                </div>
            </div>
            @if(session("entityCreateMsg"))
                <div class="success-msg">
                    {{ session("entityCreateMsg") }}
                </div>
            @endif
            @if(session("entityErrorMsg"))
                <div class="error-msg">
                    {{ session("entityErrorMsg") }}
                </div>
```

```
            @endif
        </div>

    </div>
@endsection
```

Courses.blade.php

```
@extends("common.layouts.admin")

@section("title") CodeFreakz | Admin - Courses @endsection

@section("scripts")
    <script src="{{ asset("assets/js/admin/course-page.js") }}"></script>
@endsection

@section("content")
    <div class="row content-container justify-content-center">
        <div class="content-section col-12 px-5 mb-2">
            <h2 class="text-center my-4 mr-3">Courses</h2>
            <table class="table">
                <thead>
                <tr>
                    <th scope="col">Id</th>
                    <th scope="col">Course</th>
                    <th scope="col">From Author</th>
                    <th scope="col" class="d-flex justify-content-center">Actions</th>
                </tr>
                </thead>
                <tbody id="courses-container">

                </tbody>
            </table>
            <div class="row">
                <div class="col-12 text-center pb-4 pt-4 pl-sm-4 pr-sm-4 pl-0 pr-0 d-
flex flex-wrap justify-content-between">
                    <a href="#" class="course-page-btn btn_mange_pagging mb-2" data-
inc="-1"><i class="fa fa-long-arrow-left"></i><span class="d-lg-inline-block d-none">
Previous </span></a>
                    <a href="#" class="course-page-btn btn_mange_pagging mb-2" data-
inc="1" >
                        <span class="d-lg-inline-block d-none">Next</span>
                        <i class="fa fa-long-arrow-right"></i> 
                    </a>
                </div>
            </div>
            <div class="d-flex justify-content-center align-items-center flex-wrap">
                <div class="d-flex align-items-center mb-3 mx-4">
                    {{--                    <span class="mr-3 d-block">Add
course</span>--}}
                    <a href="{{ route("course.create") }}" class="w-100 cf-button px-
5">Add Course</a>
                </div>
            </div>
            @if(session("entityInsertMsg"))
                <div class="success-msg">
                    {{ session("entityInsertMsg") }}
                </div>
            @endif
        </div>

    </div>
@endsection
```

Languages.blade.php

```
@extends("common.layouts.admin")

@section("title") CodeFreakz | Admin - Courses @endsection

@section("content")
    <div class="row content-container justify-content-center">
        <div class="content-section col-12 px-4 px-sm-5 mb-2">
            <h2 class="text-center my-4 mr-3">Languages</h2>
            <div style="">
                <table class="table">
                    <thead>
                    <tr>
                        <th scope="col">Id</th>
                        <th scope="col">Name</th>
                        <th scope="col" class="d-flex justify-content-
center">Actions</th>
                    </tr>
                    </thead>
                    <tbody>
                    @foreach($languages as $language)
                        <tr>
                            <th scope="row">{{ $language->id }}</th>
                            <td>{{ $language->name }}</td>
                            <td class="table-actions d-flex justify-content-center">
                                <a href="{{ route("languages.edit", ["id" =>
$language->id]) }}" class="cf-link"><i class="lni lni-pencil"></i></a>
                                <form action="{{ route("languages.delete", ["id" =>
$language->id]) }}" method="POST">
                                    @method("DELETE")
                                    @csrf
                                    <button type="submit" class="cf-link ml-3 cf-
table-button"><i class="lni lni-trash"></i></button>
                                </form>
                            </td>
                        </tr>
                    @endforeach
                    </tbody>
                </table>
            </div>
            <div class="d-flex justify-content-center align-items-center flex-wrap">
                <div class="d-flex align-items-center mb-3 mx-4">
                    {{--                    <span class="mr-3 d-block">Add
course</span>--}}
                    <a href="{{ route("languages.create") }}" class="w-100 cf-button
px-5">Add Language</a>
                </div>
            </div>
            @if(session("entityCreateMsg"))
                <div class="success-msg">
                    {{ session("entityCreateMsg") }}
                </div>
            @endif
            @if(session("entityErrorMsg"))
                <div class="error-msg">
                    {{ session("entityErrorMsg") }}
                </div>
```

```
            @endif
        </div>

    </div>
@endsection
```

Authors

Create.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Course Create @endsection

@section("content")
    <div class="row my-5">
        <div class="col-12">
            <h1 class="text-center py-4">Create Author</h1>
        </div>
        <div class="col-md-10 offset-md-1 col-lg-8 offset-lg-2 col-xl-6 offset-xl-3">
            <div class="row">
                <div class="col-12 col-sm-8 offset-sm-2 px-4 px-sm-auto">
                    <form action="{{ route("authors.store") }}" method="POST">
                        @csrf
                        <div class="input-group mb-3">
                            <input type="text" class="form-control cf-input"
name="first_name" placeholder="First Name"
                                   aria-label="Email" aria-describedby="basic-addon1">
                        </div>
                        <div class="input-group mb-3">
                            <input type="text" class="form-control cf-input"
name="last_name" placeholder="Last Name"
                                   aria-label="Email" aria-describedby="basic-addon1">
                        </div>
                        <div class="mb-3">
                            <span>Birth Date</span>
                            <input type="date" class="form-control cf-input"
name="birth_date" placeholder="Last Name"
                                   aria-label="Email" aria-describedby="basic-addon1">
                        </div>
                        <div>
                            <button type="submit" class="w-100 cf-button mt-3">Add
Author</button>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </div>
@endsection
```

Edit.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Course Update @endsection

@section("content")
    <div class="row my-5">
        <div class="col-12">
            <h1 class="text-center py-4">Update Author</h1>
        </div>
        <div class="col-md-10 offset-md-1 col-lg-8 offset-lg-2 col-xl-6 offset-xl-3">
            <div class="row">
                <div class="col-12 col-sm-8 offset-sm-2 px-4 px-sm-auto">
                    <form action="{{ route("authors.update", ["id" => $author->id])
}}" method="POST">
                        @csrf
                        <div class="input-group mb-3">
                            <input type="text" class="form-control cf-input"
name="first_name" placeholder="First Name"
                                aria-label="Email" aria-describedby="basic-addon1"
value="{{ old("first_name") ? old("first_name") : $author->first_name}}">
                        </div>
                        <div class="input-group mb-3">
                            <input type="text" class="form-control cf-input"
name="last_name" placeholder="Last Name"
                                aria-label="Email" aria-describedby="basic-addon1"
value="{{ old("last_name") ? old("last_name") : $author->last_name}}">
                        </div>
                        <div class="mb-3">
                            <span>Birth Date</span>
                            <input type="date" class="form-control cf-input"
name="birth_date" placeholder="Last Name"
                                aria-label="Email" aria-describedby="basic-addon1"
value="{{ old("birth_date") ? old("birth_date") : $author->birth_date}}">
                        </div>
                        <div>
                            <button type="submit" class="w-100 cf-button mt-3">Update
Author</button>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </div>
@endsection
```

Categories

Create.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Category Create @endsection

@section("content")
    <div class="row my-5">
        <div class="col-12">
            <h1 class="text-center py-4">Create Category</h1>
        </div>
        <div class="col-md-10 offset-md-1 col-lg-8 offset-lg-2 col-xl-6 offset-xl-3">
            <div class="row">
                <div class="col-12 col-sm-8 offset-sm-2 px-4 px-sm-auto">
                    <form action="{{ route("categories.store") }}" method="POST">
                        @csrf
                        <div class="input-group mb-3">
                            <input type="text" class="form-control cf-input"
name="name" placeholder="Name"
                                   aria-label="Email" aria-describedby="basic-addon1">
                        </div>
                        <div>
                            <button type="submit" class="w-100 cf-button mt-3">Add
Category</button>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </div>
@endsection
```

Edit.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Category Edit @endsection

@section("content")
    <div class="row my-5">
        <div class="col-12">
            <h1 class="text-center py-4">Edit Category</h1>
        </div>
        <div class="col-md-10 offset-md-1 col-lg-8 offset-lg-2 col-xl-6 offset-xl-3">
            <div class="row">
                <div class="col-12 col-sm-8 offset-sm-2 px-4 px-sm-auto">
                    <form action="{{ route("categories.update", ["id" => $category-
>id]) }}" method="POST">
                        @csrf
                        <div class="input-group mb-3">
                            <input type="text" class="form-control cf-input"
name="name" placeholder="Name"
                                aria-label="Email" aria-describedby="basic-addon1"
value="{{ old("name") ? old("name") : $category->name}}">
                        </div>
                        <div>
                            <button type="submit" class="w-100 cf-button mt-3">Update
Category</button>
                        </div>
                    </form>
                    @foreach($errors->all() as $error)
                        <div class="error-msg">
                            {{ $error }}
                        </div>
                    @endforeach
                </div>
            </div>
        </div>
    </div>
@endsection
```

Courses

Create.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Course Create @endsection

@section("scripts")
    <script src="{{ asset("assets/js/course_create.js") }}"></script>
@endsection

@section("content")
    <div class="row mx-0 mb-5">
        <div class="col-12">
            <h1 class="text-center py-4">Create</h1>
        </div>
        <div class="col-md-10 offset-md-1 col-lg-8 offset-lg-2 col-xl-6 offset-xl-3">
            <div class="row">
                <div class="col-12 col-sm-8 offset-sm-2 px-4 px-sm-auto">
                    <form action="{{ route("course.store") }}" method="POST"
enctype="multipart/form-data">
                        @csrf
                        <div class="input-group mb-3">
                            <input type="text" class="form-control cf-input"
name="name" placeholder="Course name"
                                   aria-label="Email" aria-describedby="basic-addon1"
value="{{ old("name") }}" }}>
                        </div>
                        <div class="mb-3">
                            <span>Author</span>
                            <select class="form-control cf-input cf-select"
name="author_id" placeholder="Author"
                                    aria-label="Author" aria-describedby="basic-
addon1">
                                @foreach($authors as $author)
                                    <option
                                        value="{{ $author->id }}">{{ $author-
>first_name . " " . $author->last_name }}</option>
                                @endforeach
                            </select>
                        </div>
                        <div class="mb-3">
                            <span>Description</span>
                            <textarea name="description" placeholder="Description..."
                                      class="w-100 cf-text-area">{{ old("description")
}}</textarea>
                        </div>
                        <div class="mb-3">
                            <span>Release date</span>
                            <input type="date" class="form-control cf-input"
name="release_date" placeholder="Release Date"
                                   aria-label="Email" aria-describedby="basic-addon1"
value="{{ old("release_date") }}">
                        </div>
                        <div class="mb-3">
                            <span>Price ($)</span>
```

```
                            <input type="text" class="form-control cf-input"
name="price" placeholder="Price ($)"
                                    aria-label="Email" aria-describedby="basic-addon1"
value="{{ old("price") }}">
                        </div>
                        <div class="mb-3">
                            <span>Discount (%)</span>
                            <input type="text" class="form-control cf-input"
name="discount" placeholder="Discount in %"
                                    aria-label="Email" aria-describedby="basic-addon1"
value="{{ old("discount") }}">
                        </div>
                        <div class="mb-4">
                            <p class="cf-text-medium text-center mb-2">Category</p>
                            <select class="form-control cf-input cf-select"
name="category_id" placeholder="Category"
                                     aria-label="Author" aria-describedby="basic-
addon1">
                                @foreach($categories as $category)
                                     <option value="{{ $category->id }}">{{ $category-
>name }}</option>
                                @endforeach
                            </select>
                        </div>
                        <div class="mb-4">
                            <p class="cf-text-medium text-center mb-2">Difficulty</p>
                            <select class="form-control cf-input cf-select"
name="difficulty_id" placeholder="Category"
                                     aria-label="Author" aria-describedby="basic-
addon1">
                                @foreach($difficulties as $difficulty)
                                     <option value="{{ $difficulty->id }}">{{
$difficulty->name }}</option>
                                @endforeach
                            </select>
                        </div>
                        <div class="mb-3">
                            <p class="text-center w-100 cf-text-medium mb-
2">Languages</p>
                            <div class="d-flex justify-content-center flex-wrap">
                                @foreach($languages as $language)
                                     <div class="d-flex align-items-center cf-checkbox
mr-3 mb-1">
                                         <div>
                                             <input type="checkbox" id="language{{
$loop->index }}" name="language_id[]"
                                                     value="{{ $language->id }}"/>
                                             <i class="material-icons cf-
checked">check_box</i>
                                             <i class="material-icons cf-
unchecked">check_box_outline_blank</i>
                                         </div>
                                         <label class="mb-0 ml-2"
                                                for="language{{ $loop->index }}">{{
$language->name }}</label>
                                     </div>
                                @endforeach
```

```
                            </div>
                        </div>
                        <div class="mb-3 mt-2">
                            <p class="cf-text-medium text-center">Course cover</p>
                            <input id="course_image_input" type="file" class="form-
control cf-input" name="image"
                                   placeholder="Course cover" aria-label="Email" aria-
describedby="basic-addon1">
                            <img class="w-100 mt-2" src="{{ asset("assets/images/joe-
gardner-75333.jpg") }}"
                                 alt="Course cover"/>
                        </div>
                        <div>
                            <button type="submit" class="w-100 cf-button mt-3">Add
course</button>
                        </div>
                        @if($errors->any())
                            @foreach($errors->all() as $error)
                                <div class="error-msg my-2">
                                    {{ $error }}
                                </div>
                            @endforeach
                        @endif
                    </form>
                </div>
            </div>
        </div>
    </div>
@endsection
```

Edit.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Course Edit @endsection

@section("scripts")
    <script src="{{ asset("assets/js/course_create.js") }}"></script>
@endsection

@section("content")
    <div class="row mx-0 mb-5">
        <div class="col-12">
            <h1 class="text-center py-4">Edit</h1>
        </div>
        <div class="col-md-10 offset-md-1 col-lg-8 offset-lg-2 col-xl-6 offset-xl-3">
            <div class="row">
                <div class="col-12 col-sm-8 offset-sm-2 px-4 px-sm-auto">
                    <form action="{{ route("course.update",[ "id" => $course->id ])
}}" method="POST" enctype="multipart/form-data">
                        @csrf
                        <div class="input-group mb-3">
                            <input type="text" class="form-control cf-input"
name="name" placeholder="Course name"
                                aria-label="Email" aria-describedby="basic-addon1"
value="{{ old("name") ? old("name") : $course->name }}" }}>
                        </div>
                        <div class="mb-3">
                            <span>Author</span>
                            <select class="form-control cf-input cf-select"
name="author_id" placeholder="Author"
                                aria-label="Author" aria-describedby="basic-
addon1">
                                @foreach($authors as $author)
                                <option
                                    value="{{ $author->id }}" @if($author->id ==
$course->author_id) selected @endif>{{ $author->first_name . " " . $author->last_name
}}</option>
                                @endforeach
                            </select>
                        </div>
                        <div class="mb-3">
                            <span>Description</span>
                            <textarea name="description" placeholder="Description..."
                                class="w-100 cf-text-area">{{ old("description")
? old("description") : $course->description }}</textarea>
                        </div>
                        <div class="mb-3">
                            <span>Release date</span>
                            <input type="date" class="form-control cf-input"
name="release_date" placeholder="Release Date"
                                aria-label="Email" aria-describedby="basic-addon1"
value="{{ old("release_date") ? old("release_date") : $course->release_date  }}">
                        </div>
                        <div class="mb-3">
                            <span>Price ($)</span>
                            <input type="text" class="form-control cf-input"
name="price" placeholder="Price ($)"
```

```
                                    aria-label="Email" aria-describedby="basic-addon1"
value="{{ old("price") ? old("price") : $course->price}}">
                        </div>
                        <div class="mb-3">
                            <span>Discount (%)</span>
                            <input type="text" class="form-control cf-input"
name="discount" placeholder="Discount in %)"
                                    aria-label="Email" aria-describedby="basic-addon1"
value="{{ old("discount") ? old("discount") : $course->discount}}">
                        </div>
                        <div class="mb-4">
                            <p class="cf-text-medium text-center mb-2">Category</p>
                            <select class="form-control cf-input cf-select"
name="category_id" placeholder="Category"
                                    aria-label="Author" aria-describedby="basic-
addon1">
                                @foreach($categories as $category)
                                    <option value="{{ $category->id }}" @if($category-
>id == $course->category_id) selected @endif>{{ $category->name }}</option>
                                @endforeach
                            </select>
                        </div>
                        <div class="mb-4">
                            <p class="cf-text-medium text-center mb-2">Difficulty</p>
                            <select class="form-control cf-input cf-select"
name="difficulty_id" placeholder="Category"
                                    aria-label="Author" aria-describedby="basic-
addon1">
                                @foreach($difficulties as $difficulty)
                                    <option value="{{ $difficulty->id }}"
@if($difficulty->id == $course->difficulty_id) selected @endif>{{ $difficulty->name
}}</option>
                                @endforeach
                            </select>
                        </div>
                        <div class="mb-3">
                            <p class="text-center w-100 cf-text-medium mb-
2">Languages</p>
                            <div class="d-flex justify-content-center flex-wrap">
                                @foreach($languages as $language)
                                    <div class="d-flex align-items-center cf-checkbox
mr-3 mb-1">
                                        <div>
                                            <input type="checkbox" id="language{{
$loop->index }}" name="language_id[]"
                                                    value="{{ $language->id }}"
                                                     @if($course->languages-
>contains("id", $language->id))
                                                         checked
                                                     @endif
                                                         />
                                            <i class="material-icons cf-
checked">check_box</i>
                                            <i class="material-icons cf-
unchecked">check_box_outline_blank</i>
                                        </div>
                                        <label class="mb-0 ml-2"
```

```
                                                    for="language{{ $loop->index }}">{{
$language->name }}</label>
                                        </div>
                                    @endforeach
                                </div>
                            </div>
                            <div class="mb-3 mt-2">
                                <p class="cf-text-medium text-center">Course cover</p>
                                <input id="course_image_input" type="file" class="form-
control cf-input" name="image"
                                        placeholder="Course cover" aria-label="Email" aria-
describedby="basic-addon1">
                                <img class="w-100 mt-2" src="{{ asset("storage/".$course-
>images[0]->src) }}"
                                     alt="Course cover"/>
                            </div>
                            <div>
                                <button type="submit" class="w-100 cf-button mt-3">Update
course</button>
                            </div>
                            @if($errors->any())
                                @foreach($errors->all() as $error)
                                    <div class="error-msg my-2">
                                        {{ $error }}
                                    </div>
                                @endforeach
                            @endif
                        </form>
                    </div>
                </div>
            </div>
        </div>
@endsection
```

Index.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Courses @endsection

@section("stylesheets")
    <link href="{{ asset("assets/css/courses.css") }}" rel="stylesheet"
type="text/css" />
@endsection
@section("scripts")
    <script src="{{ asset("assets/js/courses.js") }}"></script>
@endsection

@section("content")
<div class="container-fluid pb-4 pt-4 paddding">
    <div class="container paddding">
        <div class="row mx-0">
            <div class="col-md-8 animate-box" data-animate-effect="fadeInLeft">
                <div>
                    <div class="fh5co_heading fh5co_heading_border_bottom py-2 mb-
4">Courses</div>
                </div>
                <div class="course-container">

                </div>
                <div class="row">
                    <div id="pagination-container" class="col-12 text-center pb-4 pt-4
pl-sm-4 pr-sm-4 pl-0 pr-0 d-flex flex-wrap justify-content-center">
                        <a href="#" class="btn_mange_pagging mb-2 pagination-btn prev-
next-btn" data-inc="-1">
                            <i class="fa fa-long-arrow-left"></i><span class="d-lg-
inline-block d-none"> Previous </span>
                        </a>
                        <a href="#" class="btn_pagging mb-2 pagination-btn page-btn"
data-page="1">1</a>
                        <a href="#" class="btn_mange_pagging mb-2 pagination-btn prev-
next-btn" data-inc="1">
                            <span class="d-lg-inline-block d-none">Next</span> <i
class="fa fa-long-arrow-right"></i>  
                        </a>
                    </div>
                </div>
            </div>
            <div class="col-md-3 animate-box" data-animate-effect="fadeInRight">
                <div>
                    <div class="fh5co_heading fh5co_heading_border_bottom py-2 mb-
4">Filters</div>
                    <div class="search">
                        <input id="course-search" type="text" name="search"
placeholder="Search courses..." class="py-1 px-3">
                    </div>
                    <div class="sub-filter">
                        <h4>Language</h4>
                        <ul>
                            @foreach($languages as $language)
                                <li class="mb-2">
                                    <div class="d-flex align-items-center cf-
```

```
checkbox">
                                        <div>
                                            <input class="language-filter"
name="language[]" type="checkbox" id="language{{ $language->id }}" value="{{
$language->id }}"/>
                                            <i class="material-icons cf-
checked">check_box</i>
                                            <i class="material-icons cf-
unchecked">check_box_outline_blank</i>
                                        </div>
                                        <label class="mb-0 ml-2" for="language{{
$language->id }}">{{ $language->name }}</label>
                                    </div>
                                </li>
                            @endforeach
                        </ul>
                    </div>
                    <div class="sub-filter mb-4">
                        <h4>Difficulty</h4>
                        <select id="difficulty-filter" name="difficulty" class="cf-
input cf-select p-2 w-100">
                            <option value="-1">(None)</option>
                            @foreach($difficulties as $difficulty)
                                <option value="{{ $difficulty->id }}">{{ $difficulty-
>name }}</option>
                            @endforeach
                        </select>
                    </div>
                    <div class="sub-filter">
                        <h4>Category</h4>
                        <select id="category-filter" name="category" class="cf-input
cf-select p-2 w-100">
                            <option value="-1">(None)</option>
                            @foreach($categories as $category)
                                <option value="{{ $category->id }}">{{ $category->name
}}</option>
                            @endforeach
                        </select>
                    </div>
                    <button id="apply-filters-btn" type="button" class="cf-input cf-
button w-100 my-4">Apply</button>
                </div>
                <div class="clearfix"></div>
            </div>
        </div>
    </div>
</div>
<div class="container-fluid pb-4 pt-5">
    <div class="container animate-box">
        <div>
            <div class="fh5co_heading fh5co_heading_border_bottom py-2 mb-
4">Recommended courses</div>
        </div>
        <div class="owl-carousel owl-theme" id="slider2">
            @foreach($recommended_courses as $course)
                <div class="item px-2">
                    <div class="fh5co_hover_news_img">
```

```
                        <div class="fh5co_news_img"><img  style="object-fit: cover"
src="{{ $course->images[0]->src }}" alt=""/></div>
                        <div>
                            <a href="#" class="d-block fh5co_small_post_heading"><span
class="">{{ $course->name }}</span></a>
                            <div class="c_g"><i class="fa fa-clock-o"></i> {{ $course-
>release_date }}</div>
                        </div>
                    </div>
                </div>
            @endforeach
        </div>
    </div>
</div>
@endsection
```

Show.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Course @endsection

@section("scripts")
    {{--Parallax--}}
    <script src="{{ asset("assets/js/jquery.stellar.min.js") }}"></script>
    <script>if (!navigator.userAgent.match(/Android|BlackBerry|iPhone|iPad|iPod|Opera
Mini|IEMobile/i)){$(window).stellar();}</script>
@endsection

@section("body-classes") single @endsection

@section("content")
<div id="fh5co-title-box" >
    <div class="overlay" style="background-image: url(&apos;{{
asset('assets/images/course wallpaper - compressed.jpg') }}&apos;); background-size:
cover; background-repeat: no-repeat";></div>
    <div class="page-title">
        <span>{{ $course->release_date }}</span>
        <h2>{{ $course->name }}</h2>
    </div>
</div>
<div id="fh5co-single-content" class="container-fluid pb-4 pt-4 paddding">
    <div class="container paddding">
        <div class="row mx-0">
            <div class="col-md-8 animate-box my-5" data-animate-effect="fadeInLeft">
                <div>
                    <img style="object-fit: cover" class="w-100" height="400px"
src="{{ asset("storage/".$course->images[0]->src) }}" alt="" />
                </div>
                <div>
                    <h2 class="my-5">Description</h2>
                    <p>{{ $course->description }}</p>
                </div>

                <div class="d-flex align-items-center">
                    <h2 class="py-5">Price: </h2>
                    <p class="my-1 ml-3 pb-1" style="font-size:24px">{{ $course->price
}}$</p>
                </div>

                <div class="d-flex justify-content-center mt-2">
                    <button class="cf-input cf-button w-50">Add to cart</button>
                </div>
            </div>

            <div class="col-md-3 animate-box" data-animate-effect="fadeInRight">
                <div>
                    <div class="fh5co_heading fh5co_heading_border_bottom py-2 mb-
4">Tags</div>
                </div>
                <div class="clearfix"></div>
                <div class="fh5co_tags_all">
                    <a href="#" class="fh5co_tagg link-disabled">{{ $course->category-
>name }}</a>
```

```
                    <a href="#" class="fh5co_tagg link-disabled">{{ $course-
>difficulty->name }}</a>
                    @foreach($course->languages as $language)
                        <a href="#" class="fh5co_tagg link-disabled">{{ $language-
>name }}</a>
                    @endforeach
                </div>
                <div>
                    <div class="fh5co_heading fh5co_heading_border_bottom pt-3 py-2
mb-4">From the author</div>
                </div>
                @foreach($course->author->topFourCourses() as $course)
                    <div class="row pb-3">
                        <div class="col-lg-5 align-self-center">
                            <img src="{{ asset("storage/".$course->images[0]->src) }}"
alt="img" class="fh5co_most_trading"/>
                        </div>
                        <div class="col-lg-7 mt-1 px-lg-0">
                            <div class="most_fh5co_treding_font">{{ $course->name
}}</div>
                            <div class="most_fh5co_treding_font_123">{{ $course-
>release_date }}</div>
                        </div>
                    </div>
                @endforeach
            </div>
        </div>
    </div>
</div>
@endsection
```

Languages

Create.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Course Create @endsection

@section("content")
    <div class="row my-5">
        <div class="col-12">
            <h1 class="text-center py-4">Create Language</h1>
        </div>
        <div class="col-md-10 offset-md-1 col-lg-8 offset-lg-2 col-xl-6 offset-xl-3">
            <div class="row">
                <div class="col-12 col-sm-8 offset-sm-2 px-4 px-sm-auto">
                    <form action="{{ route("languages.store") }}" method="POST">
                        @csrf
                        <div class="input-group mb-3">
                            <input type="text" class="form-control cf-input"
name="name" placeholder="Name"
                                   aria-label="Email" aria-describedby="basic-addon1">
                        </div>
                        <div>
                            <button type="submit" class="w-100 cf-button mt-3">Add
Language</button>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </div>
@endsection
```

Edit.blade.php

```
@extends("common.layouts.layout")

@section("title") CodeFreakz | Course Create @endsection

@section("content")
    <div class="row my-5">
        <div class="col-12">
            <h1 class="text-center py-4">Create Language</h1>
        </div>
        <div class="col-md-10 offset-md-1 col-lg-8 offset-lg-2 col-xl-6 offset-xl-3">
            <div class="row">
                <div class="col-12 col-sm-8 offset-sm-2 px-4 px-sm-auto">
                    <form action="{{ route("languages.store") }}" method="POST">
                        @csrf
                        <div class="input-group mb-3">
                            <input type="text" class="form-control cf-input"
name="name" placeholder="Name"
                                    aria-label="Email" aria-describedby="basic-addon1">
                        </div>
                        <div>
                            <button type="submit" class="w-100 cf-button mt-3">Add
Language</button>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </div>
@endsection
```

Routes

Web.php

```
<?php

use Illuminate\Support\Facades\Route;

Route::get('/',[\App\Http\Controllers\HomeController::class, "index"])->name("home");

//region Courses
Route::get('/courses', [\App\Http\Controllers\CourseController::class, "index"])-
>name("courses");
Route::get('/courses/{id}', [\App\Http\Controllers\CourseController::class, "show"])-
>name("courses.show")
    ->whereNumber("id");
Route::get('/courses/create', [\App\Http\Controllers\CourseController::class,
"create"])->name("course.create");
Route::post('/courses/store', [\App\Http\Controllers\CourseController::class,
"store"])->name("course.store");
Route::get('/courses/edit/{id}', [\App\Http\Controllers\CourseController::class,
"edit"])->name("course.edit")
    ->whereNumber("id");
Route::post('/courses/update/{id}', [\App\Http\Controllers\CourseController::class,
"update"])->name("course.update");
Route::delete('/courses/delete/{id}', [\App\Http\Controllers\CourseController::class,
"destroy"])->name("course.delete")
    ->whereNumber("id");

Route::get('/courses/pagination', [\App\Http\Controllers\CourseController::class,
"paginate"])->name("course.paginate");
//endregion

//region Authors
Route::get("/authors/create", [\App\Http\Controllers\AuthorController::class,
"create"])->name("authors.create");
Route::post("/authors/store", [\App\Http\Controllers\AuthorController::class,
"store"])->name("authors.store");
Route::get("/authors/edit/{id}", [\App\Http\Controllers\AuthorController::class,
"edit"])->name("authors.edit")
    ->whereNumber("id");
Route::post("/authors/update/{id}", [\App\Http\Controllers\AuthorController::class,
"update"])->name("authors.update")
    ->whereNumber("id");
Route::delete("/authors/delete/{id}", [\App\Http\Controllers\AuthorController::class,
"destroy"])->name("authors.delete")
    ->whereNumber("id");
//endregion

//region Languages
Route::get("/languages/create", [\App\Http\Controllers\LanguageController::class,
"create"])->name("languages.create");
Route::post("/languages/store", [\App\Http\Controllers\LanguageController::class,
"store"])->name("languages.store");
Route::get("/languages/edit/{id}", [\App\Http\Controllers\LanguageController::class,
"edit"])->name("languages.edit")
```

```
    ->whereNumber("id");
Route::post("/languages/update/{id}",
[\App\Http\Controllers\LanguageController::class, "update"])->name("languages.update")
    ->whereNumber("id");
Route::delete("/languages/delete/{id}",
[\App\Http\Controllers\LanguageController::class, "destroy"])-
>name("languages.delete")
    ->whereNumber("id");
//endregion

//region Categories
Route::get("/categories/create", [\App\Http\Controllers\CategoryController::class,
"create"])->name("categories.create");
Route::post("/categories/store", [\App\Http\Controllers\CategoryController::class,
"store"])->name("categories.store");
Route::get("/categories/edit/{id}", [\App\Http\Controllers\CategoryController::class,
"edit"])->name("categories.edit")
    ->whereNumber("id");
Route::post("/categories/update/{id}",
[\App\Http\Controllers\CategoryController::class, "update"])-
>name("categories.update")
    ->whereNumber("id");
Route::delete("/categories/delete/{id}",
[\App\Http\Controllers\CategoryController::class, "destroy"])-
>name("categories.delete")
    ->whereNumber("id");
//endregion

Route::get('/contact', [\App\Http\Controllers\ContactController::class, "index"])-
>name("contact");
Route::get('/about', [\App\Http\Controllers\AboutController::class, "index"])-
>name("about");
Route::get('/cart', [\App\Http\Controllers\CartController::class, "index"])-
>name("cart");

Route::get('/cart/getItems', [\App\Http\Controllers\CartController::class, "items"])-
>name("cart.items");
Route::post('/cart/save', [\App\Http\Controllers\CartController::class, "save"])-
>name("cart.save");

//region Account routes
Route::get("/login", [\App\Http\Controllers\AccountController::class, "loginPage"])-
>name("loginPage");
Route::post("/login", [\App\Http\Controllers\AccountController::class, "login"])-
>name("login");
Route::get("/register", [\App\Http\Controllers\AccountController::class,
"registerPage"])->name("registerPage");
Route::post("/register", [\App\Http\Controllers\AccountController::class,
"register"])->name("register");
Route::get("/logout", [\App\Http\Controllers\AccountController::class, "logout"])-
>name("logout");
//endregion

//region Admin
Route::middleware("admin")->group(function(){
    Route::get("/admin/content/courses",
[\App\Http\Controllers\AdminPanelController::class, "coursesPage"])-
```

```
>name("admin.coursesPage");
    Route::get("/admin/content/authors",
[\App\Http\Controllers\AdminPanelController::class, "authorsPage"])-
>name("admin.authorsPage");
    Route::get("/admin/content/languages",
[\App\Http\Controllers\AdminPanelController::class, "languagesPage"])-
>name("admin.languagesPage");
    Route::get("/admin/content/categories",
[\App\Http\Controllers\AdminPanelController::class, "categoriesPage"])-
>name("admin.categoriesPage");
    Route::get("/admin/content/difficulties",
[\App\Http\Controllers\AdminPanelController::class, "difficultiesPage"])-
>name("admin.difficultiesPage");
    Route::get("/admin/content/menus",
[\App\Http\Controllers\AdminPanelController::class, "menusPage"])-
>name("admin.menusPage");

    Route::get("/admin/logs", [\App\Http\Controllers\AdminPanelController::class,
"logsPage"])->name("admin.logsPage");
});
//endregion

Route::get("/403", [\App\Http\Controllers\StatusController::class, "forbidden"])-
>name("403");
Route::get("/documentation", function(){
    $headers = [
        'Content-Type' => 'application/pdf',
    ];
    $file = File::get(asset("assets/documentation.pdf"));
    return response()->download($file, 'documentation.pdf', $headers);
})->name("documentation");

Route::get("/test", [\App\Http\Controllers\TestController::class, "test"]);
```

Javascript

Cf-main.js

```
var searchFieldEnabled = false;
var searchFieldOnNavbarEnabled = false;

var cartItems = [];

$(document).ready(function(){
    $(".search-btn").click(toggleSearchField);
    $(".search-btn-on-navbar").click(toggleSearchFieldOnNavbar);

    $(".popular-categories a").click(function (e){
        e.preventDefault();
    })

    $(".footer_cat").click(function (e){
        e.preventDefault();
    });

    $(".link-disabled").click(function(e){
        e.preventDefault();
    });

    if(localStorage != null){
        cartItems = JSON.parse(localStorage.getItem("cart"));
        if(cartItems == null) cartItems = [];

        console.log("Initialized cart items: " + cartItems);
    }
    $(".add-to-cart-btn").click(addToCart);
})

function toggleSearchField(){
    let search = $("#search-input");

    // search.toggle();
    if(searchFieldEnabled)
        search.fadeOut();
    else
        search.fadeIn();

    searchFieldEnabled = !searchFieldEnabled;
}

function toggleSearchFieldOnNavbar() {
    let search = $("#search-input-on-navbar");

    // search.toggle();
    if(searchFieldOnNavbarEnabled)
        search.fadeOut();
    else
        search.fadeIn();
```

```
    searchFieldOnNavbarEnabled = !searchFieldOnNavbarEnabled;

}

function addToCart(){
    if(localStorage == null){
        alert("Your browser doesn't support local storage");
        return;
    }

    let courseId = parseInt($(this).data("courseid"));
    if(!cartItems.includes(courseId))
        cartItems.push(courseId);

    console.log(`Added courseId: ${courseId} to cart`);
    console.log("Cart:" + cartItems);

    localStorage.setItem("cart", JSON.stringify(cartItems));

    alert("Course added to cart.");
}
```

cart.js

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

    $(".confirm-order-btn").click(confirmOrder);
});

function initializeCart(){
    if(cartItems.length == 0){
        displayCart([]);
    }
    else{
        $.ajax({
            url: "/cart/getItems",
            method: "GET",
            data: {
                cartItems: cartItems
            },
            success: function(data){
                console.log("Cart data: ");
                console.log(data);

                displayCart(data);
            },
            error: function(xhr){
                console.log("Error fetching cart items." + xhr.responseText);
            }
        });
    }
}

function displayCart(items){
    let container = $(".cart-container");

    let content = ``;
    let total = 0;

    items.forEach(function(item){
        content += `<tr>
                        <td><img src="${item.images[0].src}" style="width: 100px;"
alt="Image"/></td>
                        <td>${item.name}</td>
                        <td>${item.price}$</td>
                        <td class="" style="padding-right: 0px"><a class="cf-button
cart-item-remove-btn" href="#" data-courseid="${item.id}">Remove</td>
                    </tr>`;
        total+= parseFloat(item.price);
    });

    $(".cart-total span").text(`${total}$`);
    $(container).html(content);

    $(".cart-item-remove-btn").click(removeCartItem);
}

function removeCartItem(e){
```

```
    e.preventDefault();

    // Remove from storage
    let courseId = parseInt($(this).data("courseid"));
    cartItems = cartItems.filter(item => item !== courseId);
    localStorage.setItem("cart", JSON.stringify(cartItems));

    $(this).parent("tr").remove();

    initializeCart();
}

function confirmOrder(e){
    e.preventDefault();

    if(cartItems.length == 0){
        alert("No items.");
        return;
    }

    $.ajax({
        url: "/cart/save",
        method: "POST",
        data: {
            cartItems: cartItems,
            "_token" : $('meta[name="csrf-token"]').attr('content')
        },
        success: function(){
            alert("Order confirmed successfully.");

            cartItems = [];
            localStorage.setItem("cart", JSON.stringify(cartItems));

            location.href = "/";
        },
        error: function (xhr){
            alert("Error confirming order.");

            console.log("Error confirming order:" + xhr.responseText);
        }
    })
}
```

Course_create.js

```
$(document).ready(function(){
    $('#course_image_input').change(function(event) {
        var tmppath = URL.createObjectURL(event.target.files[0]);
        $("#course_image_input~img").attr('src', tmppath);
    });
});
```

Courses.js

```
var per_page = 5;
var offset = 0;
var filtered_count;
var active_page = 1;
var filters = {};
var authenticated = false;

$(document).ready(function(){
    initializeCourses();

    $("#apply-filters-btn").click(applyFilters);
});

function initializeCourses(){
    offset = 0;
    active_page = 1;

    ajaxGetCourses({
        offset: offset,
        per_page: per_page
    }, function(resultData){
        console.log(resultData);
        filtered_count = resultData.filtered_count;

        authenticated = resultData.authenticated;

        displayCourses(resultData.courses);

        let nOfPages = Math.ceil(resultData.filtered_count/per_page);
        displayPagination(nOfPages,active_page);
    });
}

function applyFilters(){
    collectFilters();

    let data = filters;

    offset = 0;
    active_page = 1;

    data["offset"] = offset;
    data["per_page"] = per_page;

    ajaxGetCourses(data, function(responseData){
        console.log("Courses fetched successfuly.");
        console.log(responseData);
        filtered_count = responseData.filtered_count;

        displayCourses(responseData.courses);

        let nOfPages = Math.ceil(responseData.filtered_count/per_page);
        displayPagination(nOfPages,active_page);
    });
}
```

```
function displayPagination(nOfPages, activePage){
    let content = ``;

    let container = $("#pagination-container");

    content += `<a href="#" class="btn_mange_pagging mb-2 pagination-btn prev-next-
btn" data-inc="-1">
                            <i class="fa fa-long-arrow-left"></i><span class="d-lg-
inline-block d-none"> Previous </span>
                        </a>`;

    for(let i = 1; i <= nOfPages; i++){
        if(i == activePage){
            content += `<a href="#" class="btn_pagging mb-2 pagination-btn page-btn"
data-page="${i}">${i}</a>`;
        }
        else{
            content += `<a href="#" class="btn_pagging mb-2 pagination-btn page-btn
page-btn-selected" data-page="${i}">${i}</a>`;
        }
    }

    content += `<a href="#" class="btn_mange_pagging mb-2 pagination-btn prev-next-
btn" data-inc="1">
                            <span class="d-lg-inline-block d-none">Next</span> <i
class="fa fa-long-arrow-right"></i>  
                        </a>`;

    $(container).html(content);

    $(".pagination-btn").click(goToPage);
}
function displayCourses(courses){
    let content = ``;

    let container = $(".course-container");
    $(container).html("");

    let cartAlignClass = "";
    if(authenticated) cartAlignClass = "justify-content-between";

    courses.forEach(function(course){
        content += `<div class="row pb-4">
                    <div class="col-md-5">
                        <div class="fh5co_hover_news_img">
                            <div class="fh5co_news_img"><img src="${
course.images[0].src}" alt=""/></div>
                            <div></div>
                        </div>
                    </div>
                    <div class="col-md-7">
                        <a href="/courses/${course.id}" class="fh5co_magna py-2"> ${
course.name }</a>
                        <br>
                        <a href="#" class="fh5co_mini_time py-1 pb-3">
${course.author.first_name + " " + course.author.last_name} -
```

```
                        ${course.release_date} </a>
                        <div>
                            ${course.description.substr(0, 120)} ...
                        </div>
                        <div class="d-flex justify-content-end ${cartAlignClass}
align-items-center my-3 mr-4">`;
                            if(authenticated)
                                content += `
                                            <div class="cf-button my-2 px-3 add-to-
cart-btn" data-courseId="${ course.id }">
                                                Add to cart
                                            </div>`;
                            content += `
                            <div>
                                <span style="color:red; font-size: 18px">`;

                            if(course.price == 0) content+= `FREE`;
                            else content += `${ Math.round(course.price * 100) / 100
}$`;

                            content+=
                                `</span>
                            </div>
                        </div>
                    </div>
                    </div>`;
    });

    $(container).append(content);
}

function goToPage(e){
    e.preventDefault();

    if($(this).attr("data-inc")){
        let inc = parseInt($(this).data("inc"));

        console.log(inc);
        offset += per_page * inc;
        active_page+= inc;

        if(offset < 0 || offset > filtered_count){
            offset -= per_page * inc;
            active_page-= inc;
        }
    }
    else{
        let page = parseInt($(this).data("page"));
        offset = (page - 1) * per_page;

        active_page = page;
    }

    let data = filters;
    data["offset"] = offset;
    data["per_page"] = per_page;
```

```
    ajaxGetCourses(data, function(responseData){

        console.log(filters);
        filtered_count = responseData.filtered_count;

        displayCourses(responseData.courses);

        let nOfPages = Math.ceil(responseData.filtered_count/per_page);
        displayPagination(nOfPages,active_page);
    });
}

function collectFilters(){
    let filters = {}

    let languages = [];
    $(".language-filter").each(function(){
        if($(this).is(":checked"))
            languages.push($(this).val());
    })
    if(languages.length > 0)
        filters["languages"] = languages;

    if($("#category-filter").val() != "-1")
        filters["category"] = $("#category-filter").val();

    if($("#difficulty-filter").val() != "-1")
        filters["difficulty"] = $("#difficulty-filter").val();

    if($("#course-search").val() != "")
        filters["search"] = $("#course-search").val();

    this.filters = filters;
}
function ajaxGetCourses(data, successCallback){
    $.ajax({
        url: "/courses/pagination",
        method: "GET",
        data: data,
        success: successCallback,
        error: function (xhr, statusText, error){
            console.log(xhr.responseText);
            alert("Error loading courses");
        }
    });
}
```