

Nama : Davin Kusno

NIM : 2602154855

EduFun Documentation

1. Routing

Mengarahkan route yang dimasukkan ke fungsi yang ada pada controller.

```
Route::get('/', [HomeController::class, 'index'])->name('home');  
Route::get('/category/{category}', [CategoryController::class, 'show'])->  
>name('category.show');  
Route::get('/article/{id}', [ArticleController::class, 'show'])->name('article.show');  
Route::get('/writer/{id}', [WriterController::class, 'show'])->name('writer.show');  
Route::get('/about', [AboutUsController::class, 'index'])->name('about');
```

2. Controller

Sebagai perantara model dan view yang berfungsi sebagai tempat logika (ArticleController).

ArticleController terdiri dari:

- home() → show 2 article terbaru
- showArticle(\$id) → show article details
- showCategory(\$category) → show semua article di category tertentu
- showAllWriters() → show semua writers
- about() → show about us
- showPopular() → show article dengan views terbanyak

3. Model

Model merupakan bentuk atau kolom yang ada pada database. Model yang digunakan pada project ini adalah Article, Category, dan Writer.

4. View

View adalah representasi visual halaman web yang menampilkan data dari controller. Views yang ada adalah about.blade.php, article.blade.php, categories.blade.php, home.blade.php, layout.blade.php, popular.blade.php, writers.blade.php.

5. Database

Database yang digunakan adalah MySQL dengan nama Database edufun. Terdapat 3 table yang dibuat dari migration, yaitu articles, categories, dan writers. Setiap table dibuatkan seed menggunakan Seeder dan data menggunakan Faker.

Server: localhost » Database: edufun » Table: articles

BrowseStructureSQLSearchInsertExportImportPrivilegesOperationsTrackingTriggers													
←→													
		id	title	category_id	writer_id	content	published_at	image_path	views	created_at	updated_at		
<input type="checkbox"/>	Edit	Copy	Delete	1	The Future of Artificial Intelligence	1	4	Nobis laboriosam error dolorum placeat. Labore non...	2024-11-13	/images/datascience/1.jpg	4	2024-11-19 14:55:24	2024-11-19 14:55:24
<input type="checkbox"/>	Edit	Copy	Delete	2	Machine Learning in Healthcare	1	2	Consequuntur voluptates dolor occaecati nulla non ...	2024-07-16	/images/datascience/2.jpg	7	2024-11-19 14:55:24	2024-11-19 14:55:24
<input type="checkbox"/>	Edit	Copy	Delete	3	Big Data Analytics for Businesses	1	10	Ducimus voluptas repellendus omnis totam blanditi...	2024-04-13	/images/datascience/3.jpg	4	2024-11-19 14:55:24	2024-11-19 14:55:24
<input type="checkbox"/>	Edit	Copy	Delete	4	Deep Learning Breakthroughs	1	4	Cupiditate optio officia commodi molestiae non rei...	2024-05-02	/images/datascience/4.jpg	1	2024-11-19 14:55:24	2024-11-19 14:55:24
<input type="checkbox"/>	Edit	Copy	Delete	5	The Role of Data in Decision Making	1	6	Sed vitae et ut. Qui ut animi porro sint. Molestia...	2024-02-27	/images/datascience/5.jpg	2	2024-11-19 14:55:24	2024-11-19 14:55:24
<input type="checkbox"/>	Edit	Copy	Delete	6	Cybersecurity Trends in 2024	2	3	Qui et numquam vel. Corrupti quo sequi nisi neque....	2024-03-06	/images/networksecurity/1.jpg	3	2024-11-19 14:55:24	2024-11-19 14:55:24
<input type="checkbox"/>	Edit	Copy	Delete	7	The Importance of Firewalls	2	6	Quasi corrupti dolorem voluptas enim magnam adipis...	2024-09-27	/images/networksecurity/2.jpg	3	2024-11-19 14:55:24	2024-11-19 14:55:24
<input type="checkbox"/>	Edit	Copy	Delete	8	Penetration Testing Best Practices	2	4	Sapiente sed quia in non. Quod veniam aut est omni...	2024-03-12	/images/networksecurity/3.jpg	10	2024-11-19 14:55:24	2024-11-19 14:55:24
<input type="checkbox"/>	Edit	Copy	Delete	9	Network Security for Small Businesses	2	7	Ut explicabo repudiandae laudantium aliquam atque ...	2024-09-27	/images/networksecurity/4.jpg	3	2024-11-19 14:55:24	2024-11-19 14:55:24

Showing rows 0 - 1 (2 total, Query took 0.0002 seconds.)

SELECT * FROM `categories`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

				id	name	created_at	updated_at
<input type="checkbox"/>				1	Data Science	2024-11-19 14:55:24	2024-11-19 14:55:24
<input type="checkbox"/>				2	Network Security	2024-11-19 14:55:24	2024-11-19 14:55:24

☐ Check all
 With selected: Edit Copy Delete Export

SELECT * FROM `writers`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

					id	name	specialty	image_path	created_at	updated_at
<input type="checkbox"/>				1	Prof. Neha Gerlach	Financial Analyst	/images/writers/1.jpg	2024-11-19 14:55:24	2024-11-19 14:55:24	
<input type="checkbox"/>				2	Porter Hansen	Computer	/images/writers/2.jpg	2024-11-19 14:55:24	2024-11-19 14:55:24	
<input type="checkbox"/>				3	Kali Borer	Petroleum Engineer	/images/writers/3.jpg	2024-11-19 14:55:24	2024-11-19 14:55:24	
<input type="checkbox"/>				4	Gardner Paucek	Drywall Installer	/images/writers/4.jpg	2024-11-19 14:55:24	2024-11-19 14:55:24	
<input type="checkbox"/>				5	Ms. Dulce Gleichner	Industrial Engineering Technician	/images/writers/5.jpg	2024-11-19 14:55:24	2024-11-19 14:55:24	
<input type="checkbox"/>				6	Ms. Savanah Wunsch DVM	Anthropology Teacher	/images/writers/6.jpg	2024-11-19 14:55:24	2024-11-19 14:55:24	
<input type="checkbox"/>				7	Pasquale Swift	Account Manager	/images/writers/7.jpg	2024-11-19 14:55:24	2024-11-19 14:55:24	
<input type="checkbox"/>				8	August Welch	Medical Records Technician	/images/writers/8.jpg	2024-11-19 14:55:24	2024-11-19 14:55:24	
<input type="checkbox"/>				9	Vivienne Blick	Motor Vehicle Operator	/images/writers/9.jpg	2024-11-19 14:55:24	2024-11-19 14:55:24	
<input type="checkbox"/>				10	Lucie Carroll I	Trainer	/images/writers/10.jpg	2024-11-19 14:55:24	2024-11-19 14:55:24	

class WriterSeeder extends Seeder

```

{
    public function run()
    {
        $faker = Faker::create();

        for ($i = 0; $i < 10; $i++) {
            Writer::create([

```

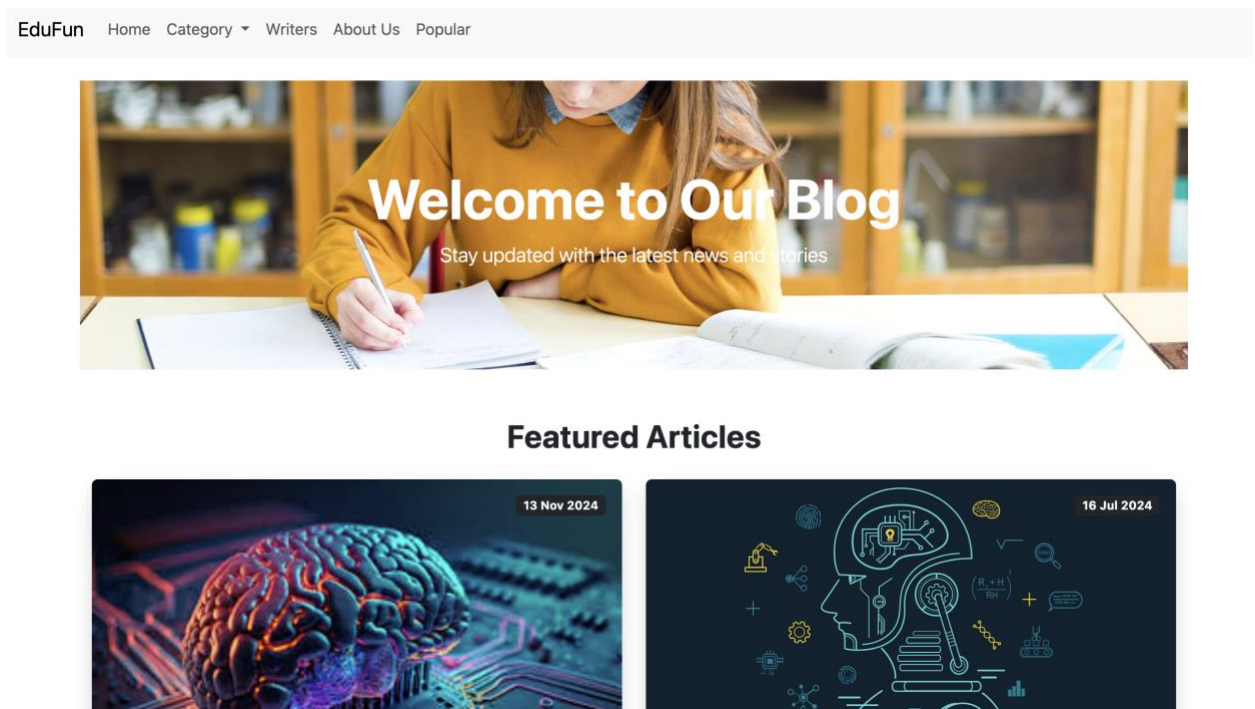
```

        'name' => $faker->name,
        'specialty' => $faker->jobTitle,
        'image_path' => "/images/writers/" . ($i + 1) . ".jpg",
    ];
}
}
}

```

UI Overview:

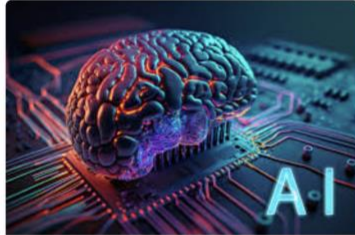
1. Home Page



2. Category Page

Data Science

Explore the latest articles in this category



The Future of Artificial Intelligence

Nobis laboriosam error dolorem placeat. Labore non dignissimos velit repellat dolor est officia. Et...

[Read More](#)



Machine Learning in Healthcare

Consequuntur voluptates dolor occaecati nulla non quia. Labore fuga rerum quia consectetur corporis...

[Read More](#)



Big Data Analytics for Businesses

Ducimus voluptas repellendus omnis totam blanditiis facere. Assumenda libero laudantium perspiciatis...

[Read More](#)

Showing 1 to 3 of 5 results

< 1 2 >

3. Writers Page

Our Writers

Meet the talented individuals who bring stories to life



Prof. Neha Gerlach

Specialty: Financial Analyst



Porter Hansen

Specialty: Computer



Kali Borer

Specialty: Petroleum Engineer



Gardner Paucek

Specialty: Drywall Installer



Ms. Dulce Gleichner

Specialty: Industrial Engineering Technician



Ms. Savanah Wunsch DVM

Specialty: Anthropology Teacher

4. Article Detail Page

The Future of Artificial Intelligence

By: Gardner Paucek | Category: Data Science

Published on: 13 Nov 2024

Nobis laboriosam error dolorem placeat. Labore non dignissimos velit repellat dolor est officia. Et necessitatibus minima in voluptas eum numquam voluptas. Beatae eius facilis explicabo illum odit minima. Ducimus optio aut qui fuga at. Nihil laboriosam laudantium iure sed. Et omnis incidunt sit deleniti quas nulla dolorem excepturi. Unde omnis deleniti non assumenda dignissimos.

5. About Us Page

About EduFun

Revolutionizing Education in Indonesia through Technology



EduFun adalah perusahaan pendidikan berbasis teknologi asal Indonesia. EduFun menyediakan layanan akses pendidikan dalam format tulisan berbahasa Indonesia yang disajikan secara online melalui website.

Hingga Juni 2024, EduFun memiliki lebih dari **10 ribu pengguna**. EduFun hadir sebagai bentuk revolusi dari pendidikan di Indonesia dengan mengedepankan cara berpikir kritis, logis, rasional, dan sumber pengetahuan sains yang terintegrasi terhadap semua mahasiswa IT di Indonesia.

EduFun bercita-cita mencetak generasi Indonesia yang memahami ilmu pengetahuan dan cinta belajar.

6. Popular Page

Popular Articles



Penetration Testing Best Practices

Views: 10

Sapiente sed quia in non. Quod veniam aut est omnis tempora nulla id mollitia. Porro cupiditate est...

[Read More](#)

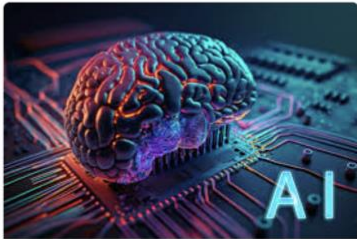


Machine Learning in Healthcare

Views: 7

Consequuntur voluptates dolor occaecati nulla non quia. Labore fuga rerum quia consectetur corporis...

[Read More](#)



The Future of Artificial Intelligence

Views: 5

Nobis laboriosam error dolorem placeat. Labore non dignissimos velit repellat dolor est officia. Et...

[Read More](#)



The Evolution of Malware Defense

Views: 5

Debitis enim asperiores aut. Non incidunt voluptatem sit eum odit necessitatibus. Voluptatem facere...

[Read More](#)



Big Data Analytics for Businesses

Views: 4

Ducimus voluptas repellendus omnis totam blanditiis facere. Assumenda libero laudantium perspiciatis...

[Read More](#)