

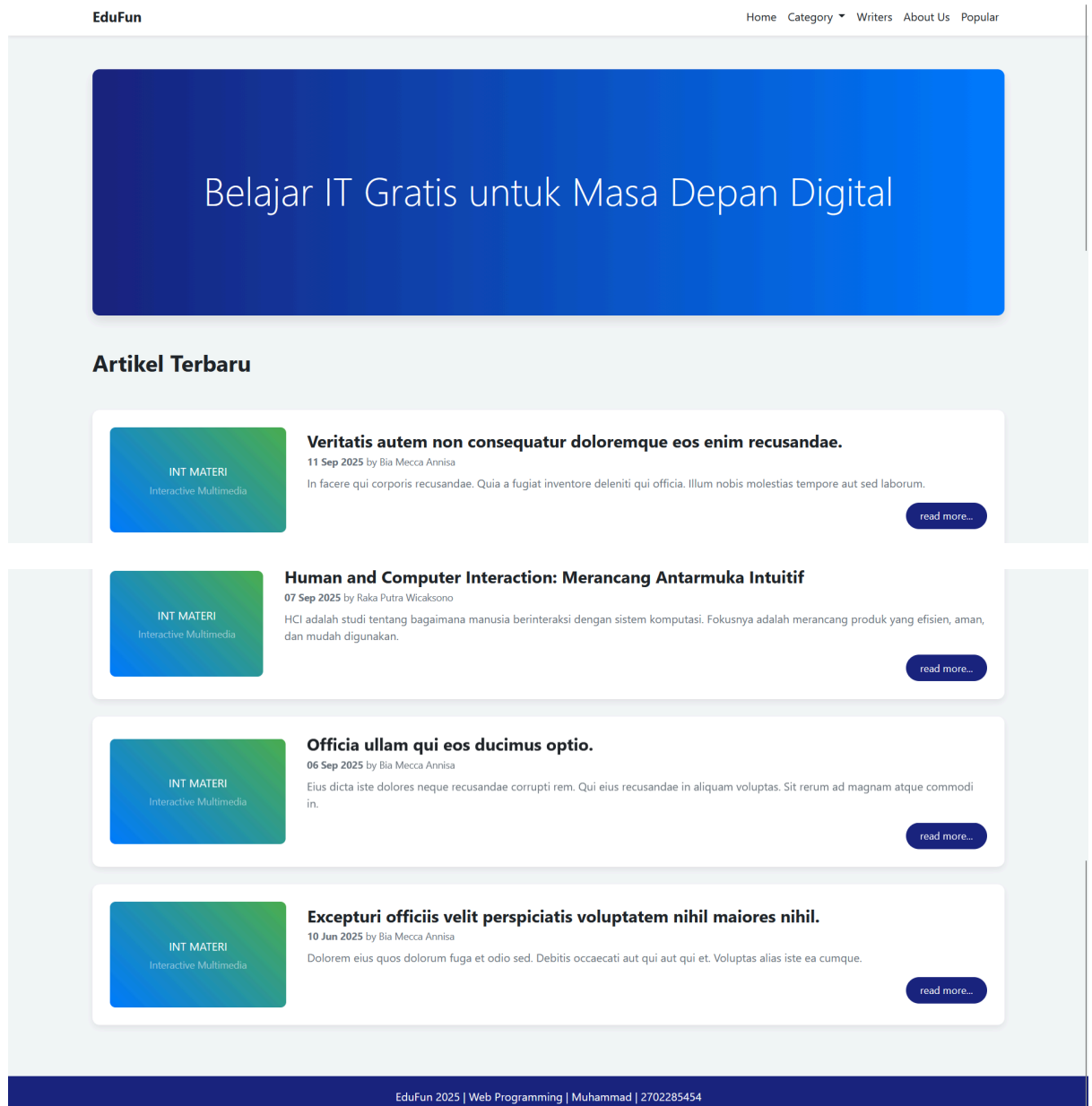
Nama : Muhammad

NIM : 2702285454

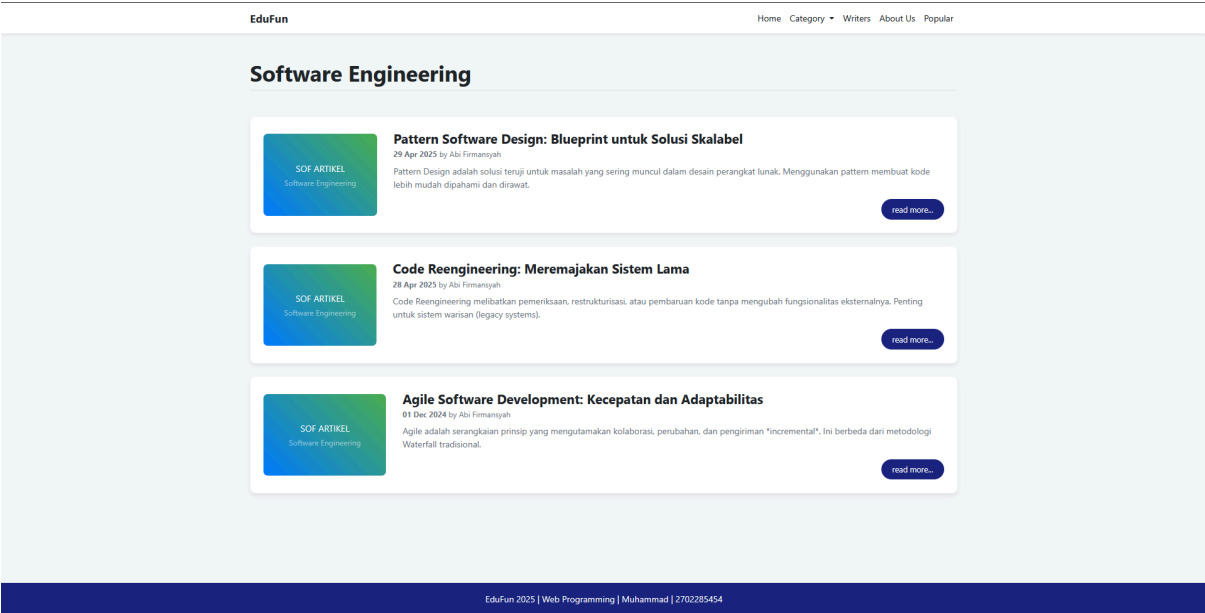
Link Repository : <https://github.com/muhammadmakky/LatihanUTS>

UI

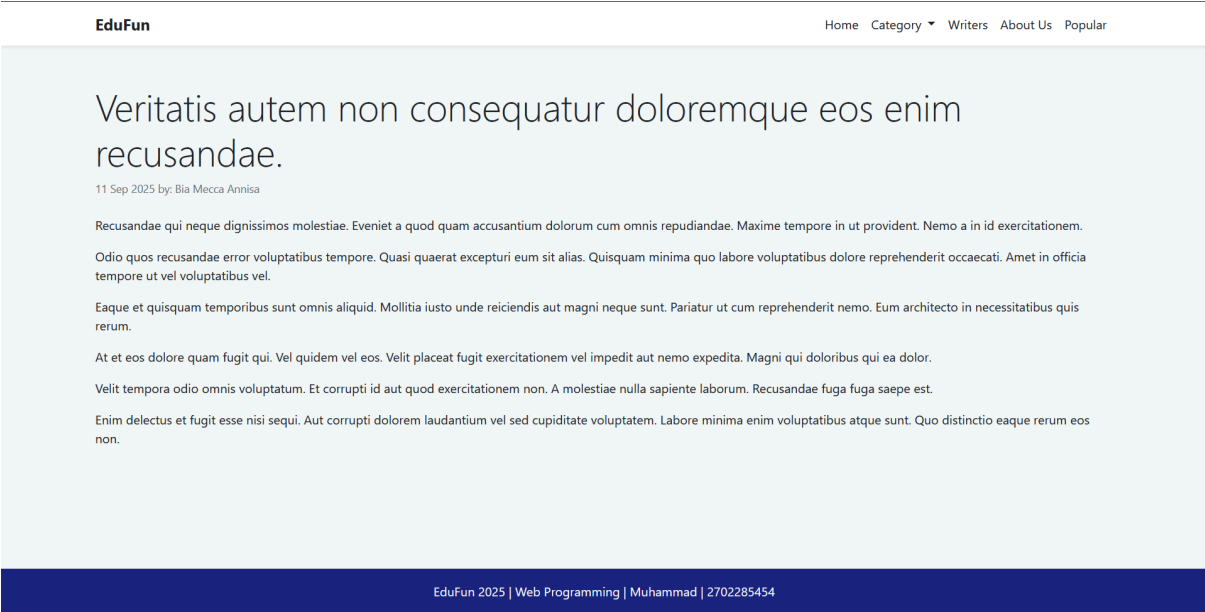
- Home Page



- Post Page

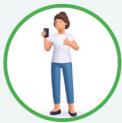


● Detail Post Page



● Writer Page

Our Writers:



Bia Mecca Annisa
Spesialis Data Science



Raka Putra Wicaksono
Spesialis Interactive Multimedia



Abi Firmansyah
Spesialis Network Security

● Detail Writer Page



Raka Putra Wicaksono
Spesialis Interactive Multimedia

Artikel Ditulis Oleh Raka Putra Wicaksono



Human and Computer Interaction: Merancang Antarmuka Intuitif

07 Sep 2025 by Raka Putra Wicaksono

HCI adalah studi tentang bagaimana manusia berinteraksi dengan sistem komputer. Fokusnya adalah merancang produk yang efisien, aman, dan mudah digunakan.

[Read more...](#)



User Experience (UX): Lebih dari Sekadar Tampilan

23 Mar 2025 by Raka Putra Wicaksono

UX melibatkan seluruh perjalanan pengguna saat berinteraksi dengan produk, dari kesadaran pertama hingga interaksi akhir. Ini adalah tentang memastikan pengguna merasa puas.

[Read more...](#)



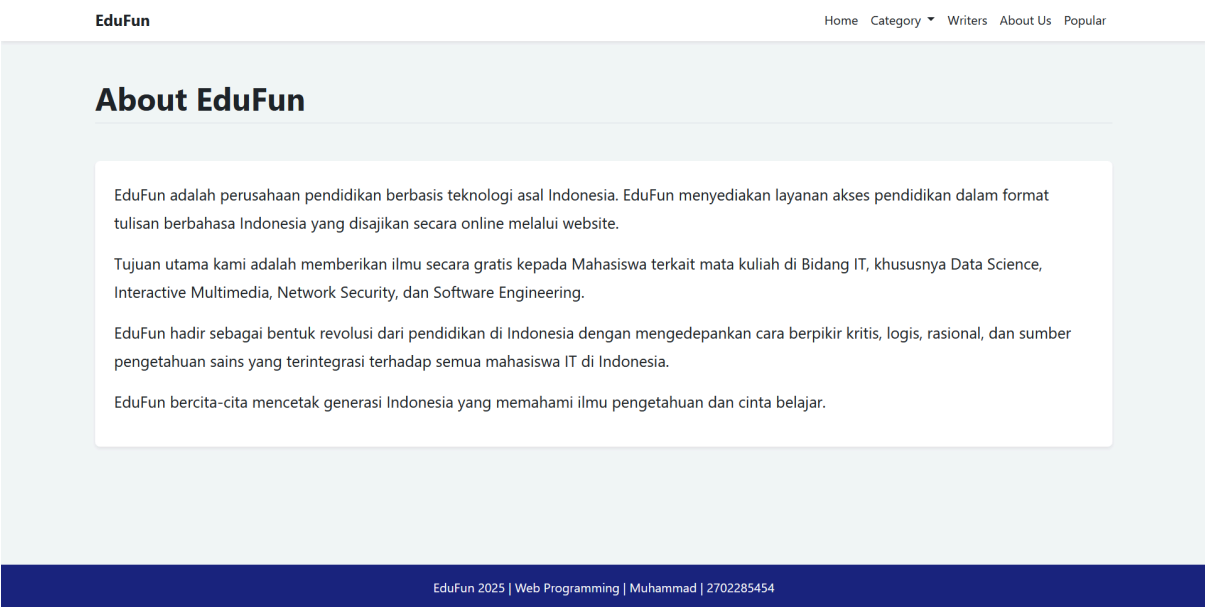
UX untuk Teknologi Imersif: Tantangan Baru di Dunia VR/AR

02 Feb 2025 by Raka Putra Wicaksono

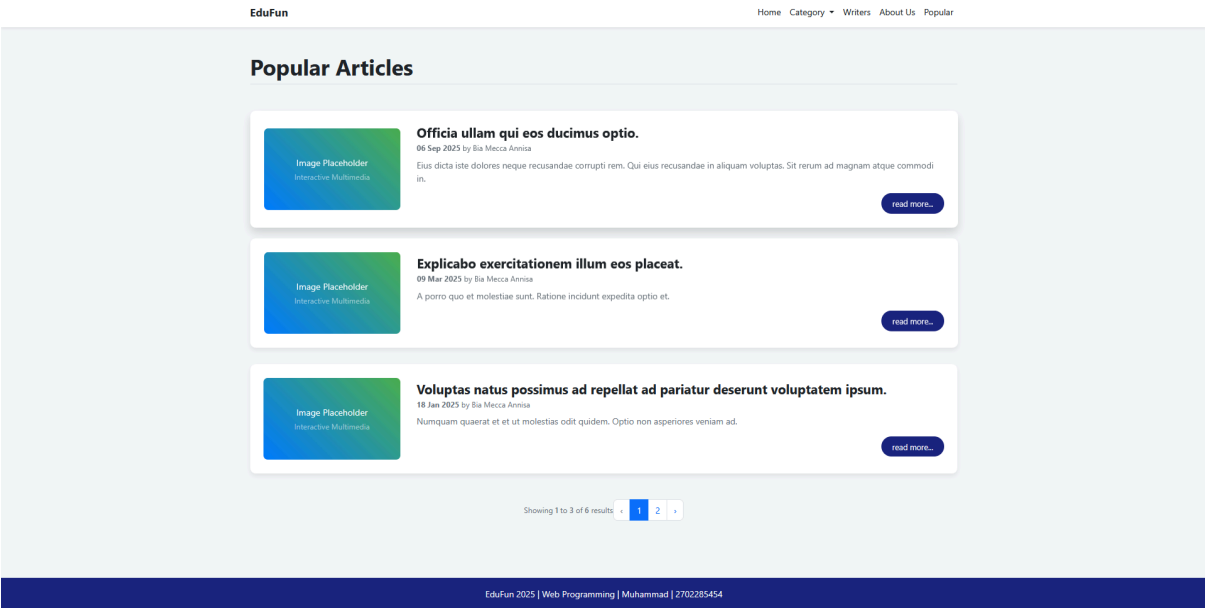
Fokus pada pengalaman pengguna dalam lingkungan Virtual Reality (VR), Augmented Reality (AR), dan teknologi imersif lainnya. Membutuhkan pendekatan desain 3D yang berbeda.

[Read more...](#)

● About Us Page



- Popular Post Page



CODE

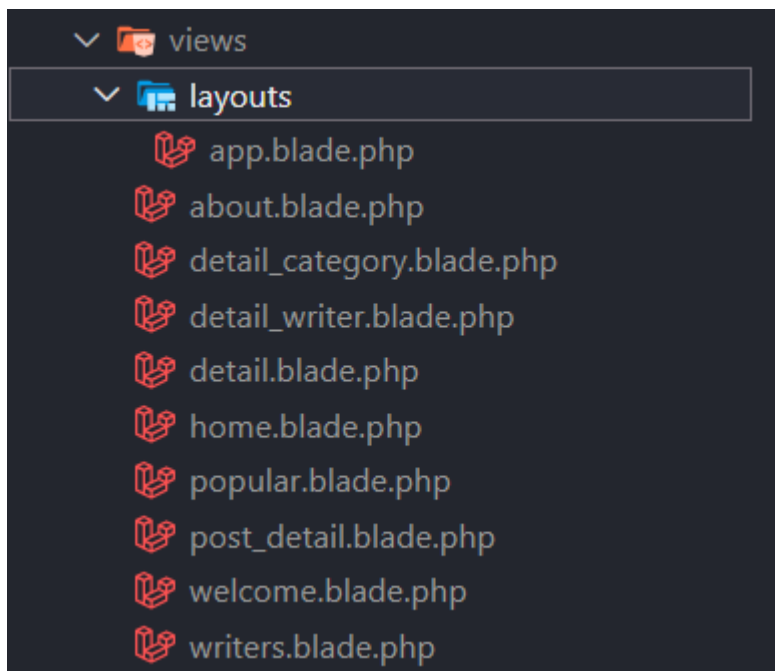
- Routes

```

1  <?php
2
3  use App\Http\Controllers\HomeController;
4  use App\Http\Controllers\CategoryController;
5  use App\Http\Controllers\WriterController;
6  use App\Http\Controllers\PopularController;
7  use Illuminate\Support\Facades\Route;
8
9  Route::get('/', [HomeController::class, 'index'])->name('home');
10
11 Route::get('/about', [HomeController::class, 'about'])->name('about');
12
13 Route::get('/category', [CategoryController::class, 'index'])->name('category');
14 Route::get('/category/{category:slug}', [CategoryController::class, 'show'])->name('category.show');
15
16 Route::get('/writers', [WriterController::class, 'index'])->name('writers');
17 Route::get('/writers/{writer:slug}', [WriterController::class, 'show'])->name('writer.show');
18
19 Route::get('/posts/{post:slug}', [HomeController::class, 'showPost'])->name('post.show');
20
21 Route::get('/popular', [PopularController::class, 'index'])->name('popular');

```

- View dan Blade



- Controller
CategoryController

```

1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\Category;
6  use Illuminate\Routing\Controller;
7  use Illuminate\Http\Request;
8
9  class CategoryController extends Controller
10 {
11     public function index()
12     {
13         $categories = Category::whereIn('slug', ['interactive-multimedia', 'software-engineering'])->get();
14         return view('category', compact('categories'));
15     }
16
17     public function show(Category $category)
18     {
19         return view('detail_category', [
20             'category' => $category,
21             'posts' => $category->posts()->latest('published_at')->get()
22         ]);
23     }
24 }

```

HomeController

```

1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\Post;
6  use Illuminate\Routing\Controller;
7  use Illuminate\Http\Request;
8
9  class HomeController extends Controller
10 {
11     public function index()
12     {
13         $latestPosts = Post::latest('published_at')->take(4)->get();
14         return view('home', compact('latestPosts'));
15     }
16     public function showPost(Post $post)
17     {
18         return view('detail', ['post' => $post]);
19     }
20     public function about()
21     {
22         return view('about');
23     }
24 }

```

PopularController

```

1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\Post;
6  use Illuminate\Routing\Controller;
7  use Illuminate\Http\Request;
8
9  class PopularController extends Controller
10 {
11     public function index()
12     {
13         $popularPosts = Post::where('is_popular', true)->paginate(3);
14         return view('popular', compact('popularPosts'));
15     }
16 }

```

WriterController

```

1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\Writer;
6  use Illuminate\Routing\Controller;
7  use Illuminate\Http\Request;
8
9  class WriterController extends Controller
10 {
11     public function index()
12     {
13         $writers = Writer::all();
14         return view('writers', compact('writers'));
15     }
16     public function show(Writer $writer)
17     {
18         return view('detail_writer', [
19             'writer' => $writer,
20             'posts' => $writer->posts()->latest('published_at')->get()
21         ]);
22     }
23 }

```

- Model
- Category

```
1  <?php
2
3  namespace App\Models;
4
5  use Illuminate\Database\Eloquent\Factories\HasFactory;
6  use Illuminate\Database\Eloquent\Model;
7
8  class Category extends Model
9  {
10     use HasFactory;
11     protected $guarded = ['id'];
12
13     public function posts()
14     {
15         return $this->hasMany(Post::class);
16     }
17
18     public function getRouteKeyName()
19     {
20         return 'slug';
21     }
22 }
```

Post


```

1  <?php
2
3  namespace App\Models;
4
5  use Illuminate\Database\Eloquent\Factories\HasFactory;
6  use Illuminate\Database\Eloquent\Model;
7
8  class Post extends Model
9  {
10     use HasFactory;
11     protected $guarded = ['id'];
12     protected $with = ['category', 'writer'];
13
14     protected $casts = [
15         'published_at' => 'datetime',
16     ];
17
18     public function category()
19     {
20         return $this->belongsTo(Category::class);
21     }
22
23     public function writer()
24     {
25         return $this->belongsTo(Writer::class);
26     }
27
28     public function getRouteKeyName()
29     {
30         return 'slug';
31     }
32 }

```

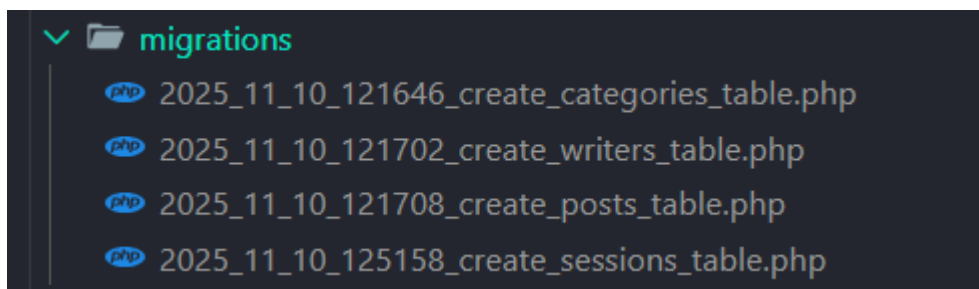
Writer

```

1  <?php
2
3  namespace App\Models;
4
5  use Illuminate\Database\Eloquent\Factories\HasFactory;
6  use Illuminate\Database\Eloquent\Model;
7
8  class Writer extends Model
9  {
10     use HasFactory;
11     protected $guarded = ['id'];
12
13     public function posts()
14     {
15         return $this->hasMany(Post::class);
16     }
17
18     public function getRouteKeyName()
19     {
20         return 'slug';
21     }
22 }

```

- Migration File



- Seeder dan Faker

