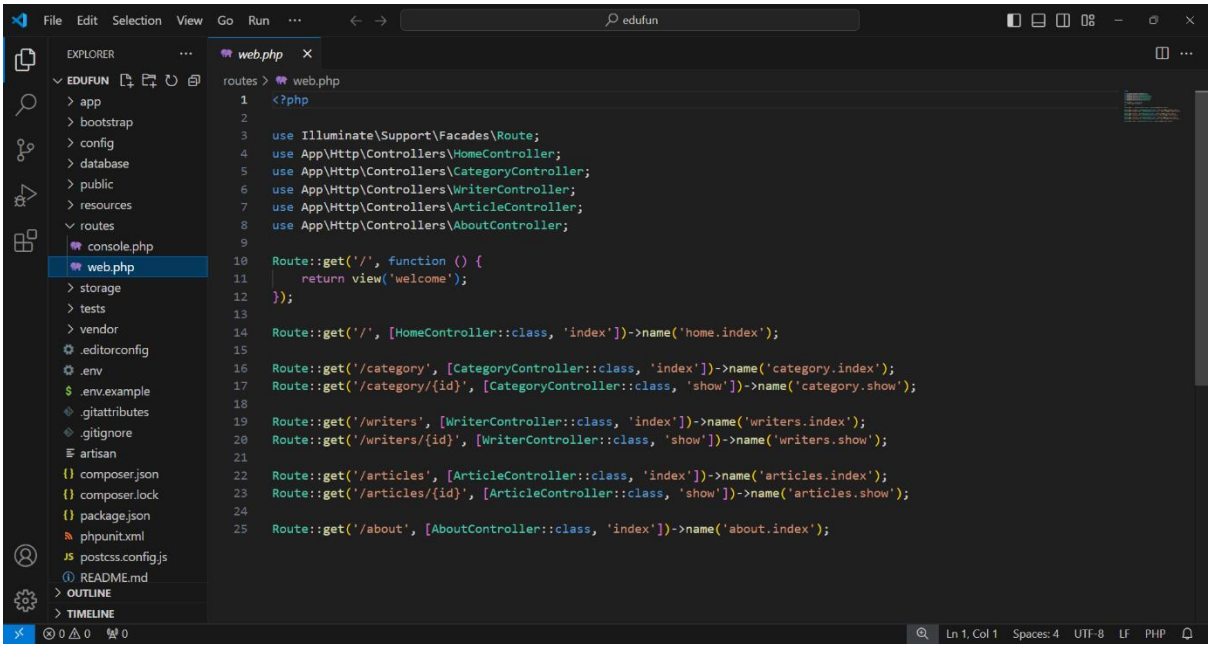
Nama: Gianina Cheryl Gosal

NIM: 2602062210

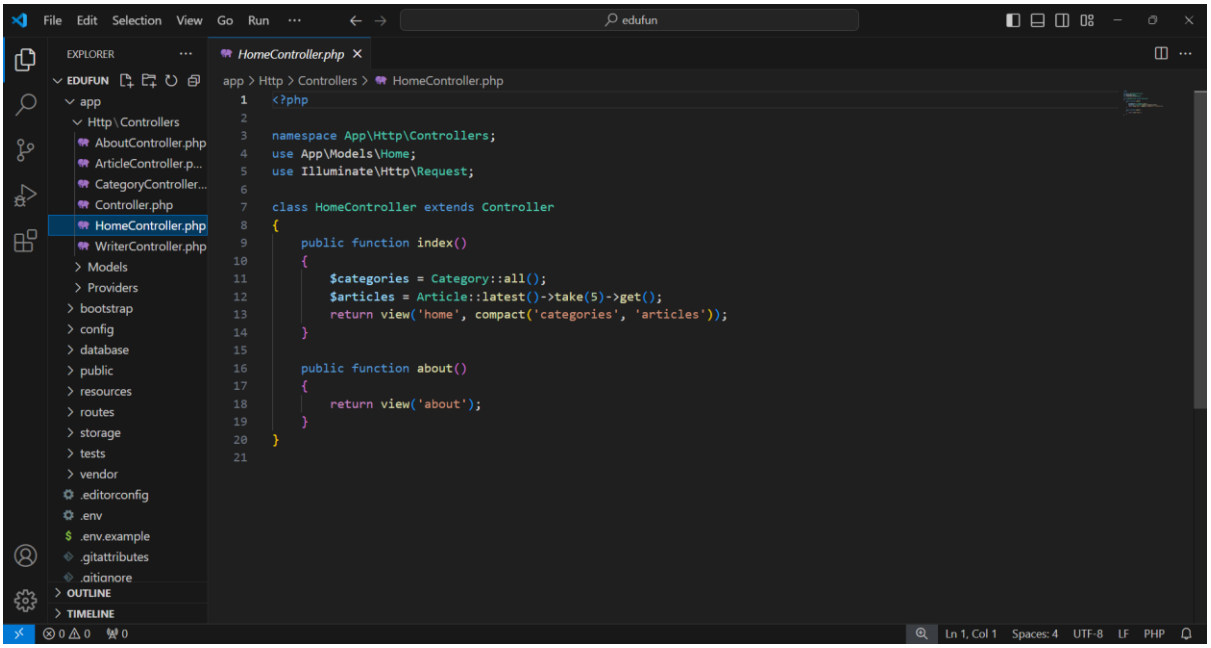
Kelas: LB01

Quiz WebProg

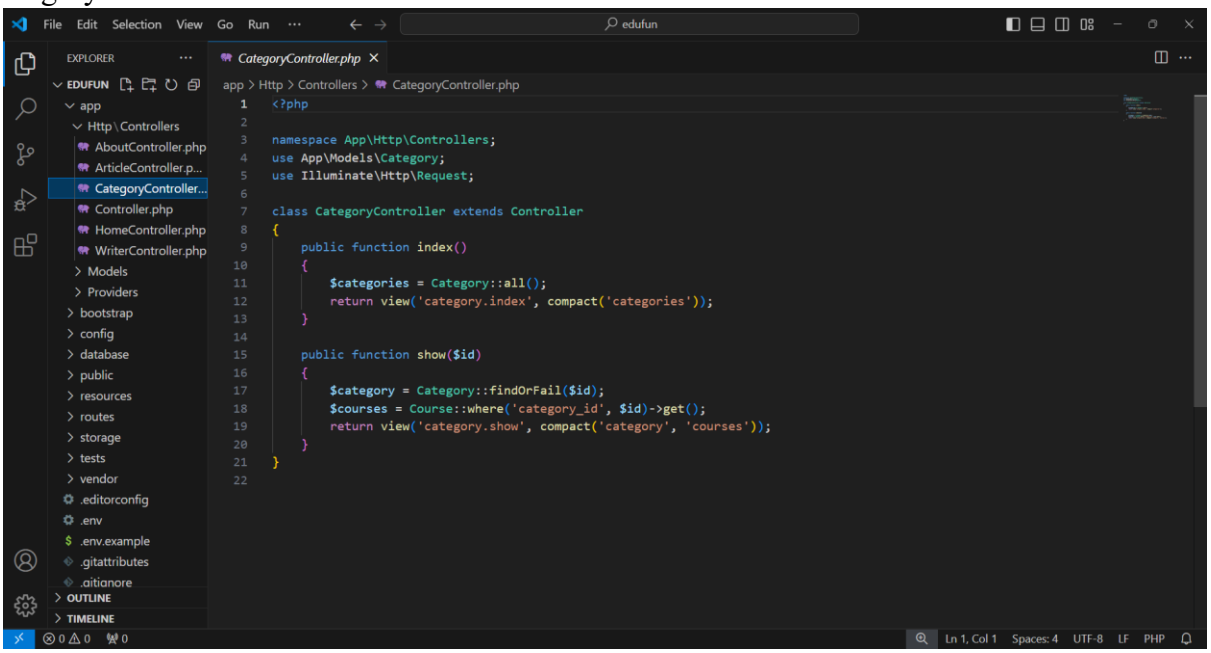
1. Route



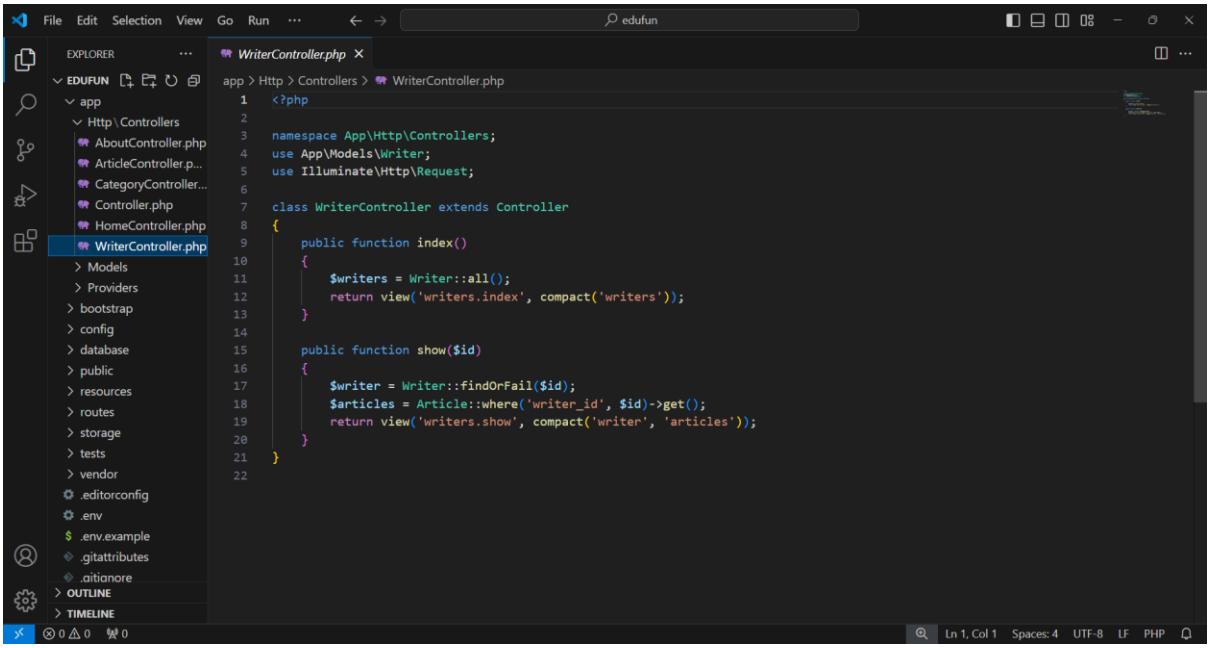
2. Controller
   - HomeController



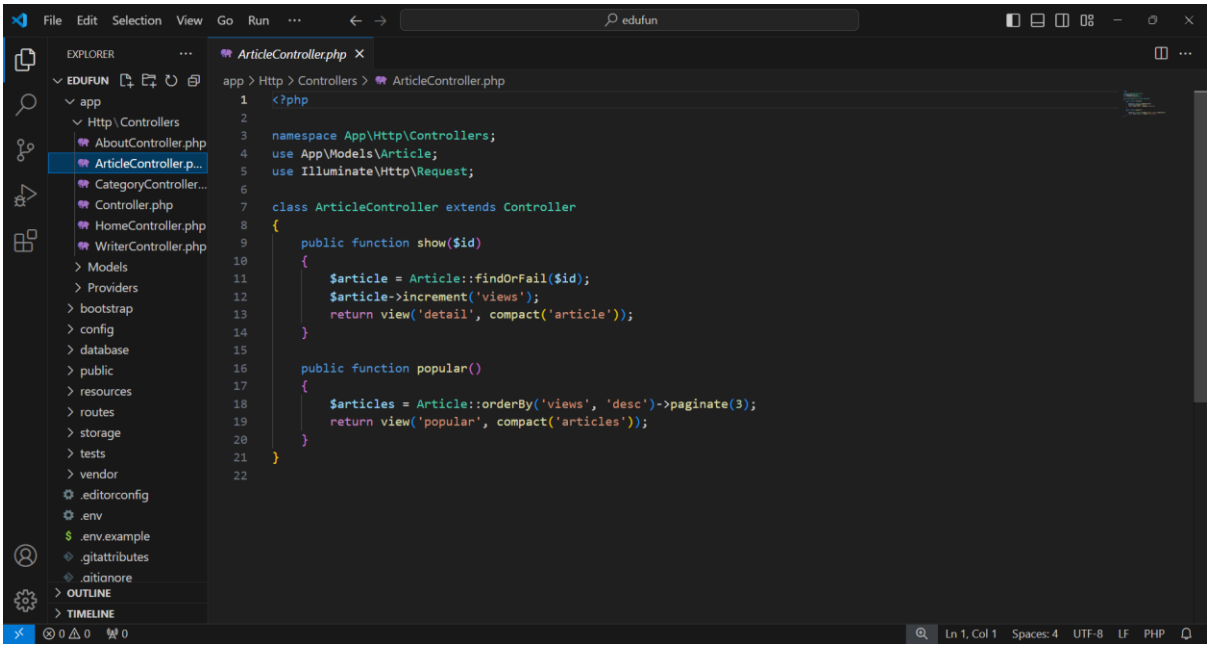
- CategoryController



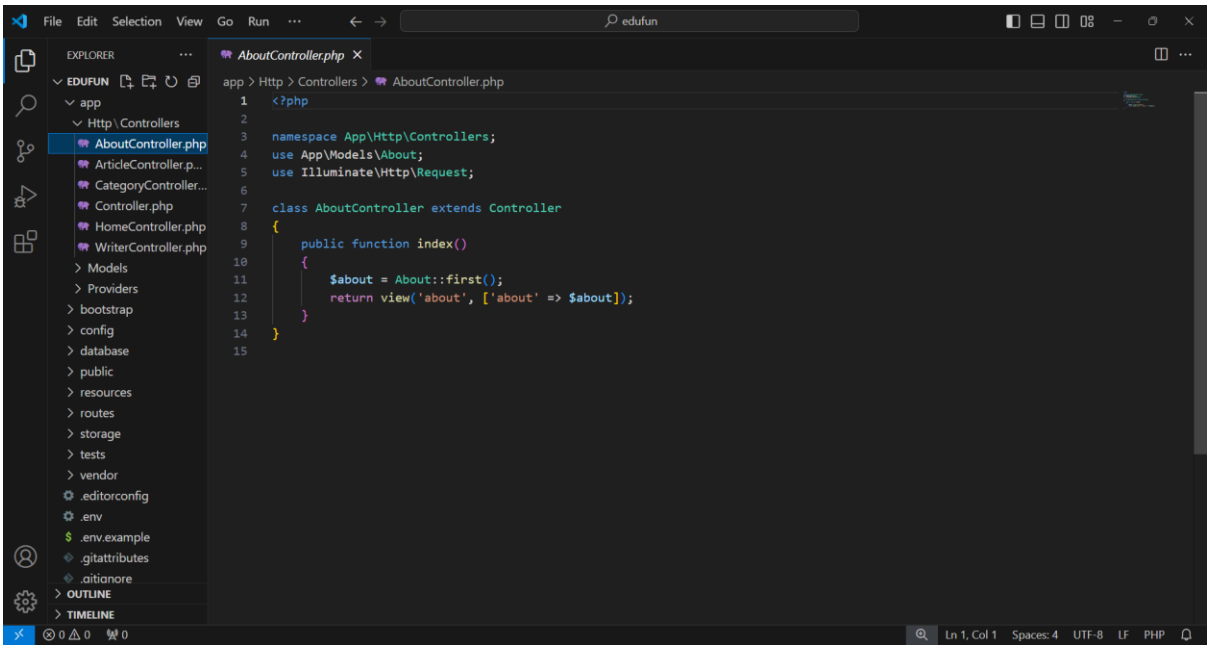
- WriterController



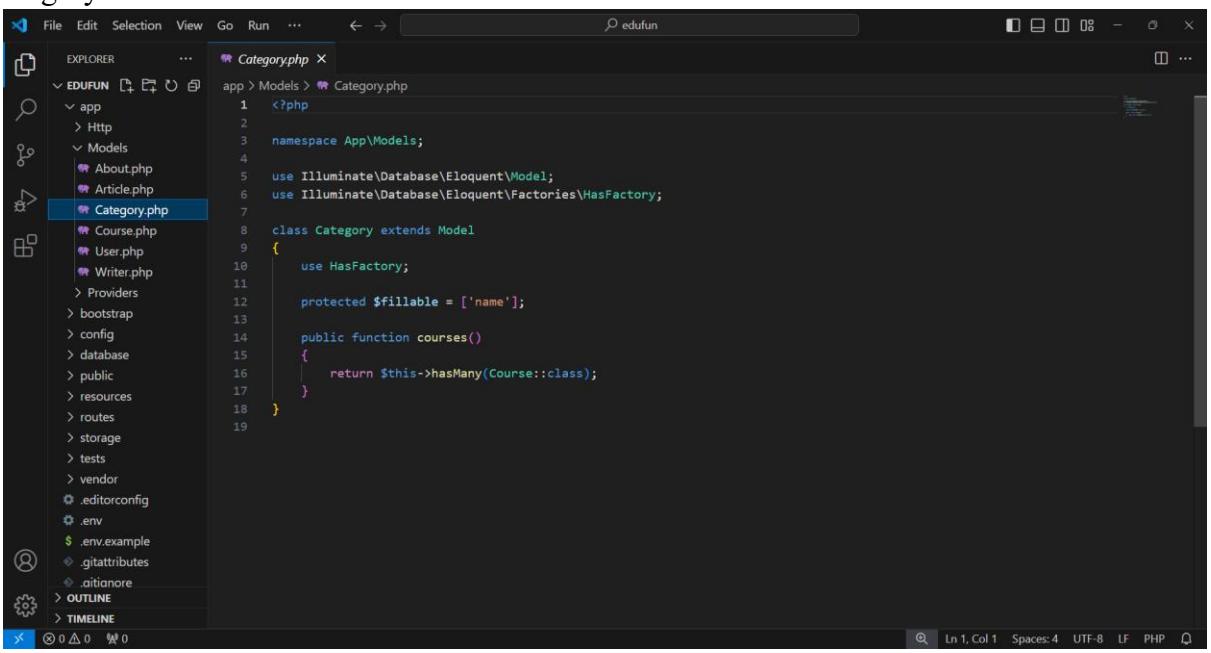
- ArticleController



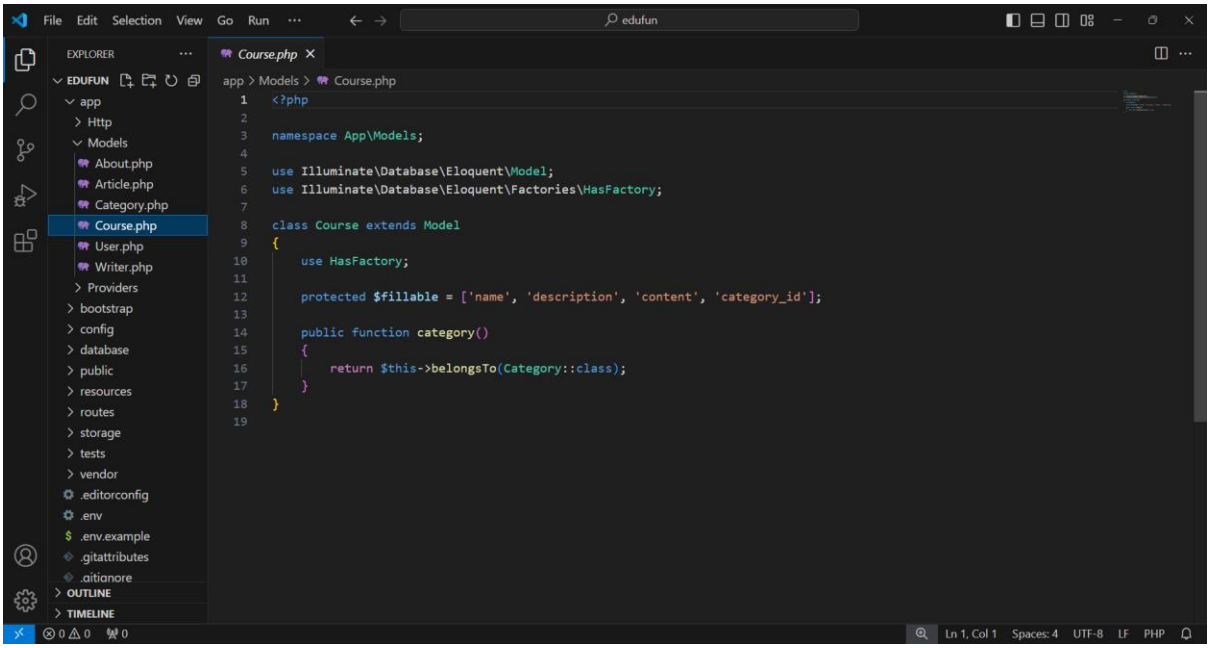
- AboutController



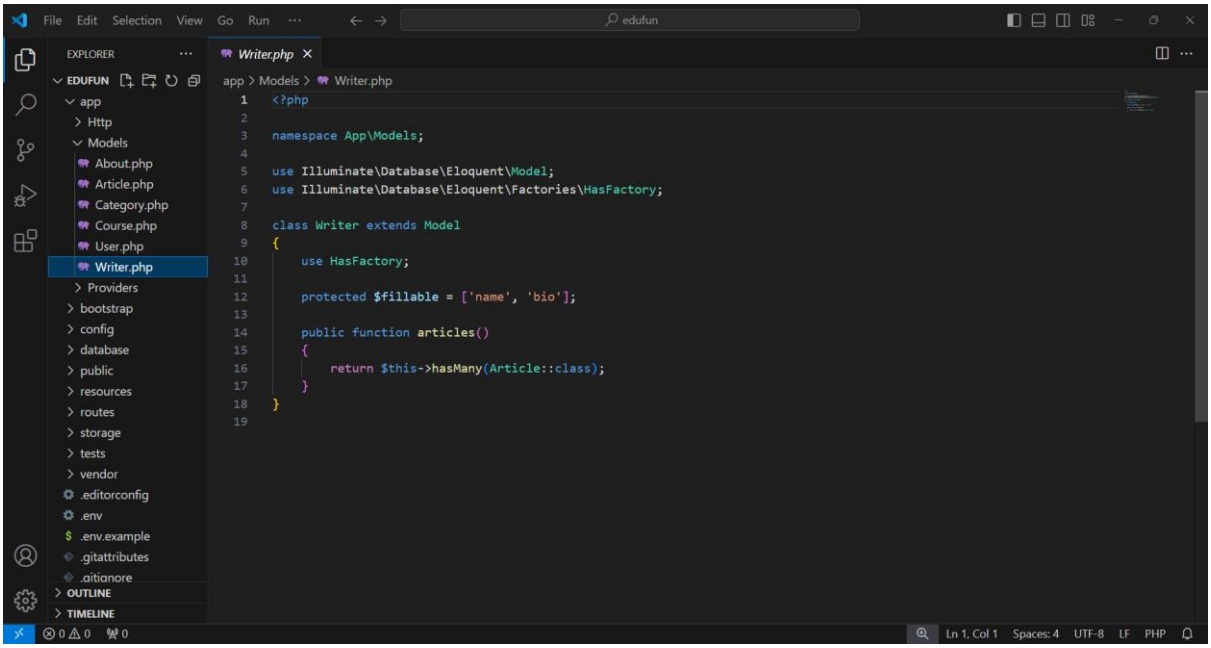
3. Model
   - Category



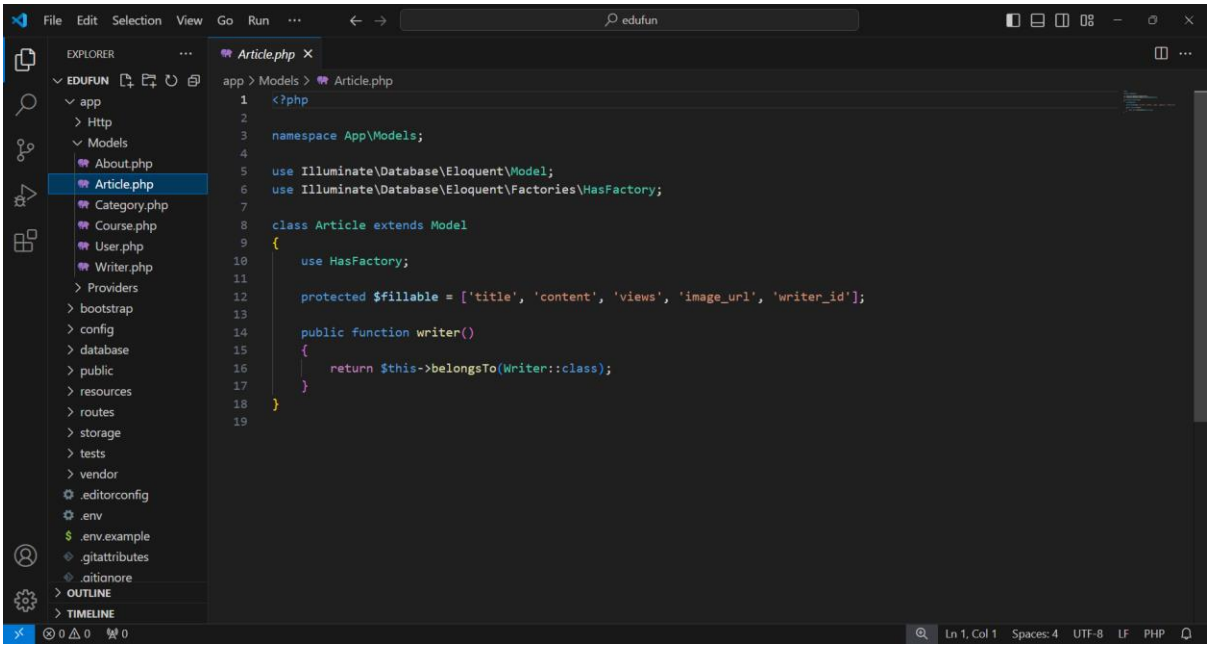
   - Course



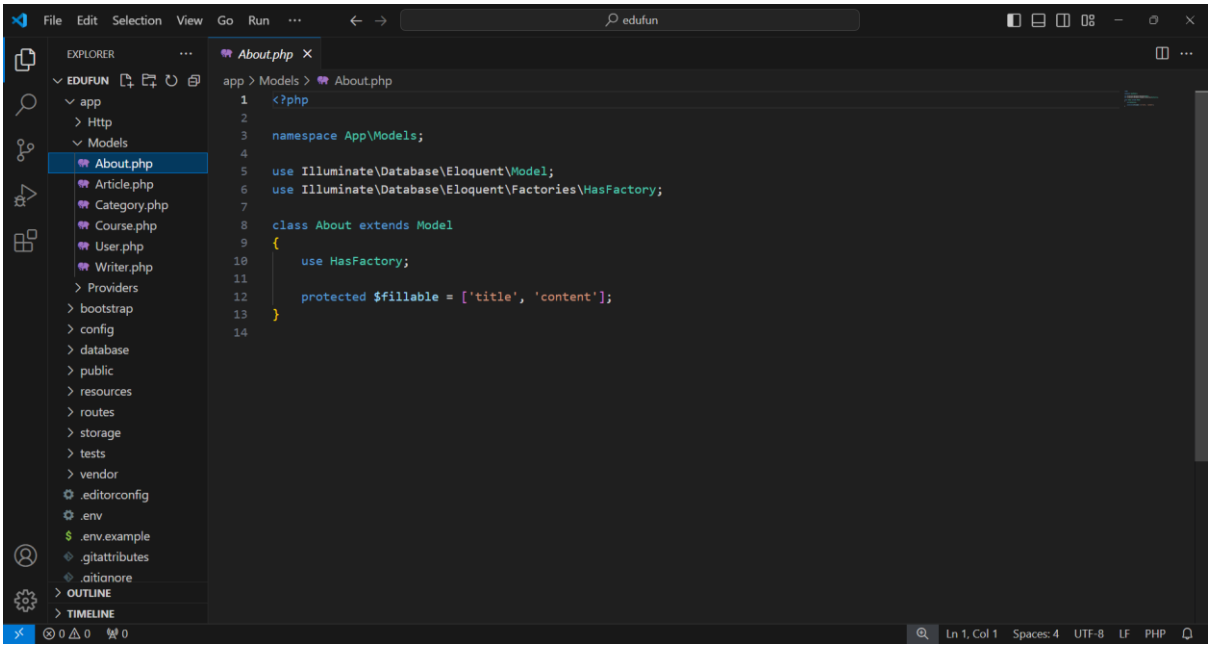
- Writer



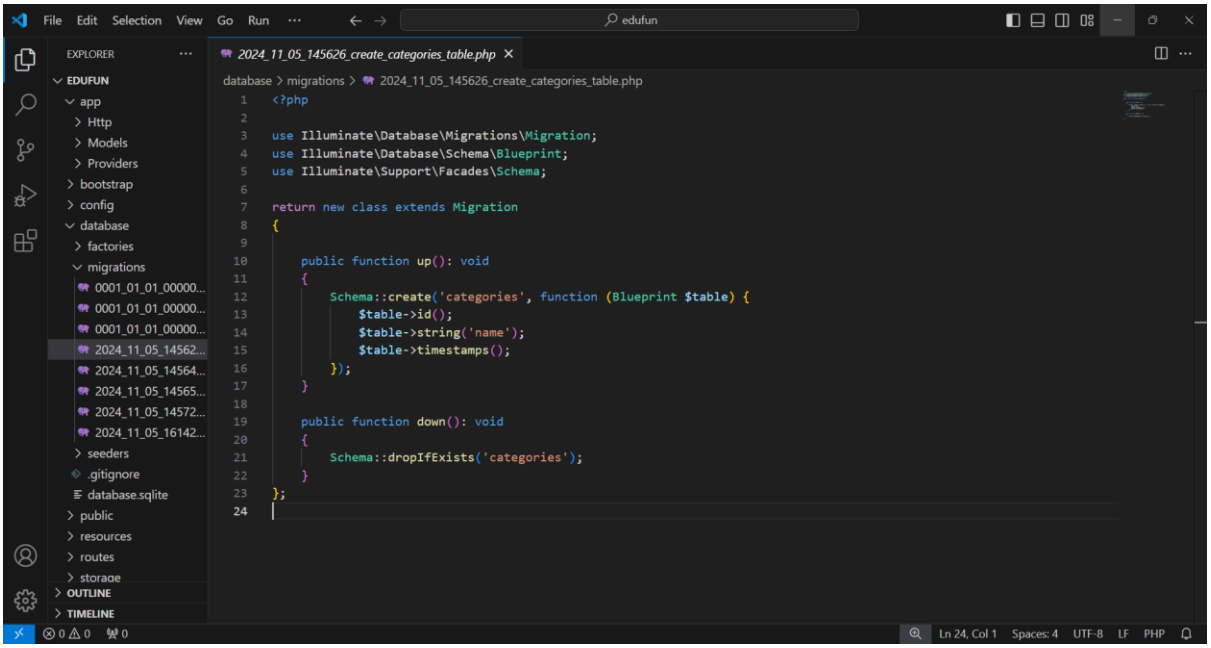
- Article



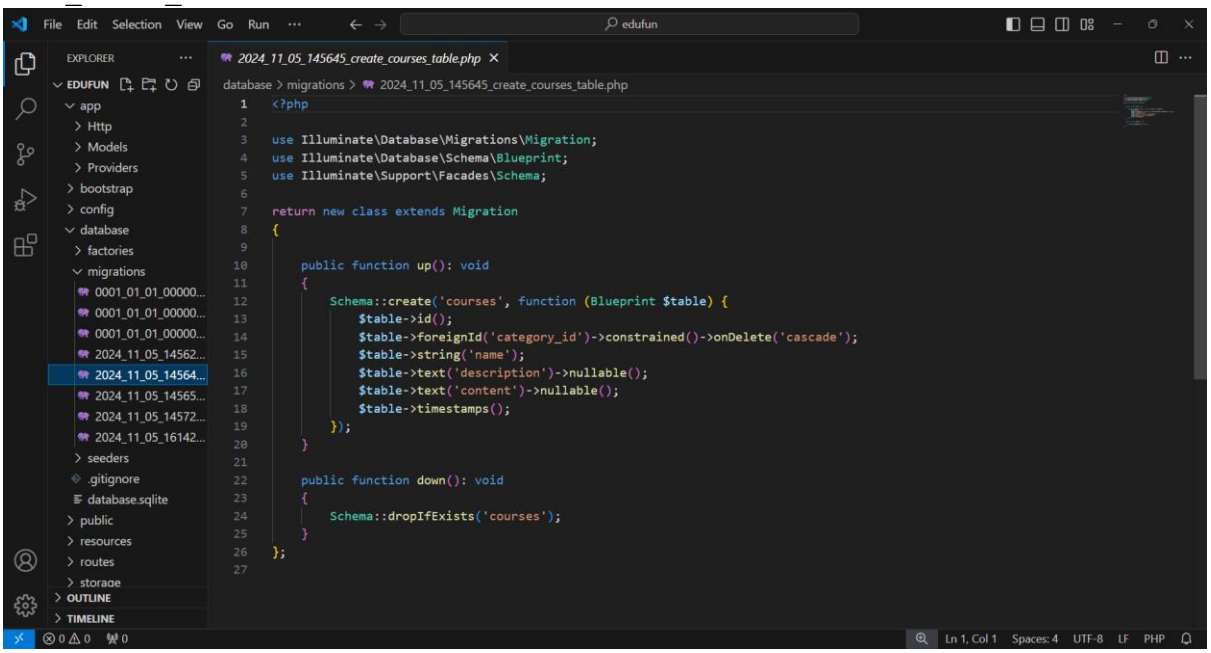
- About



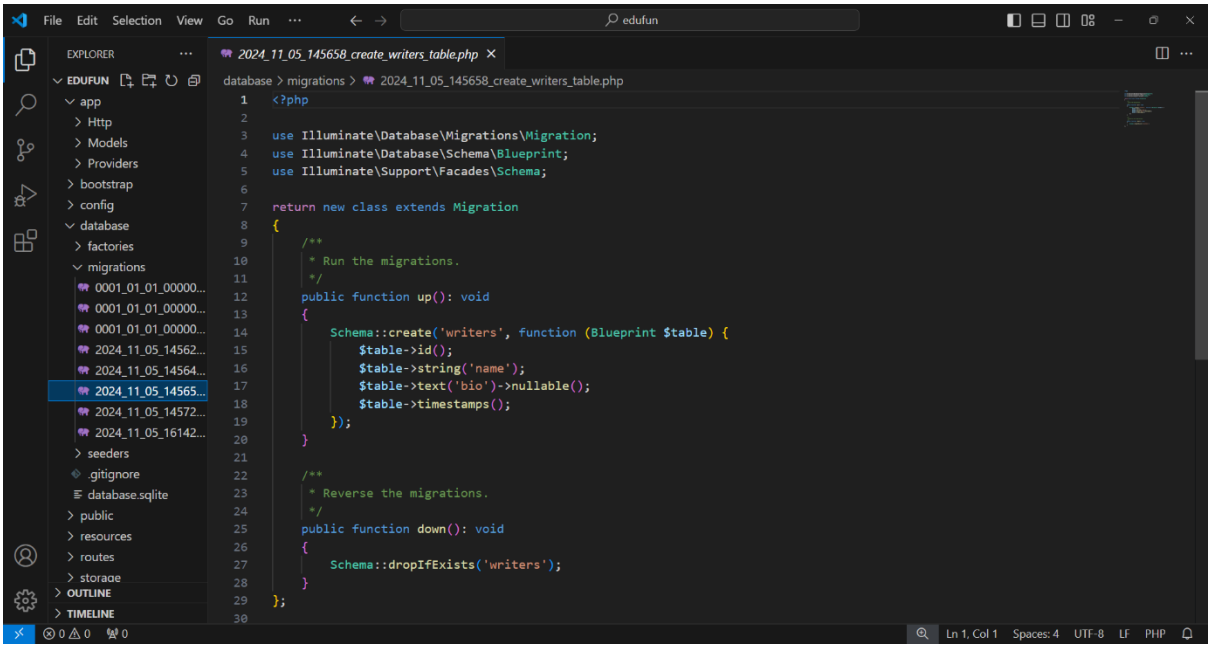
4. Migration
   - Create_category_table



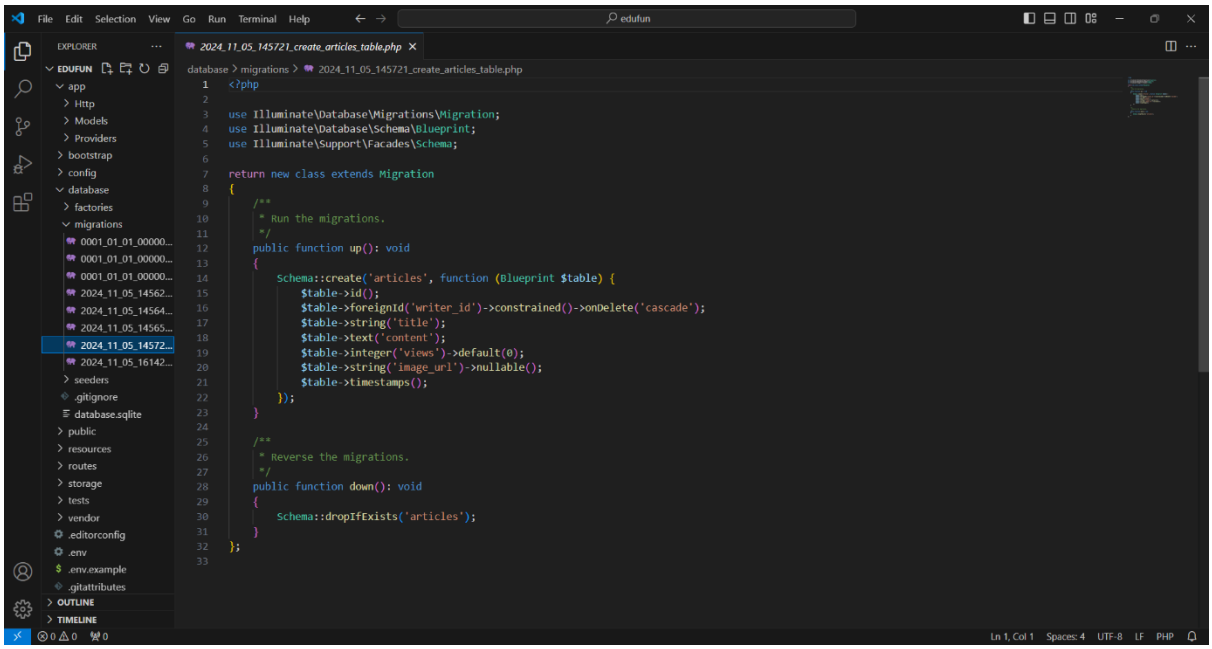
- Create_course_table



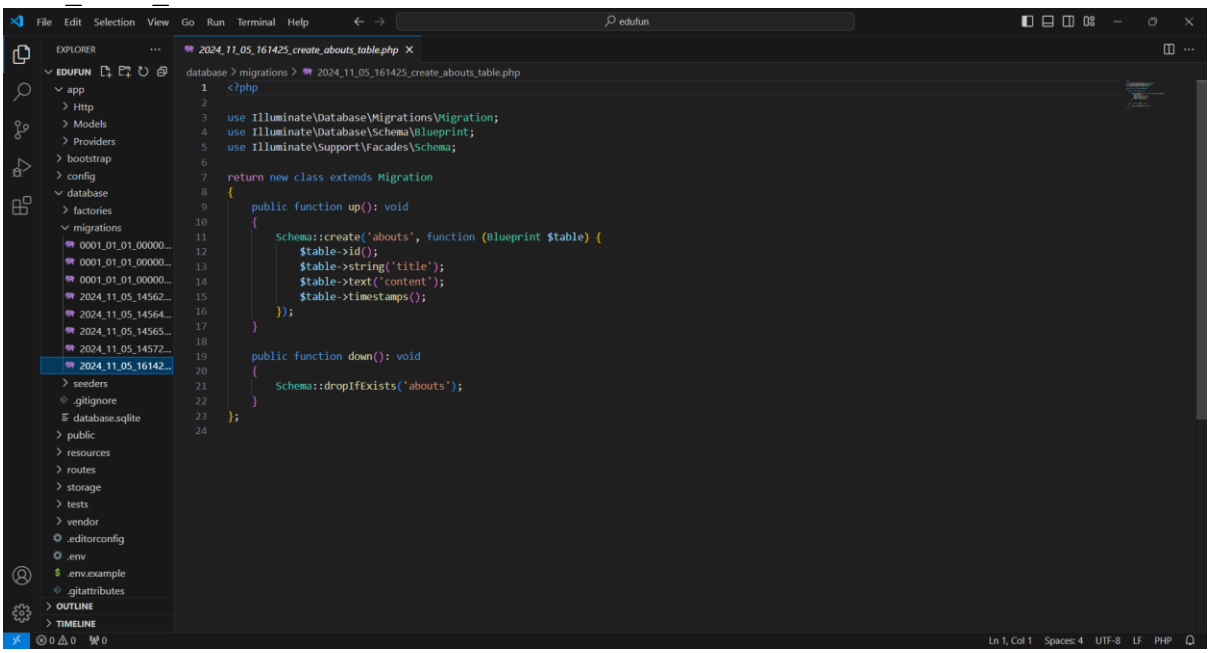
- Create_writer_table



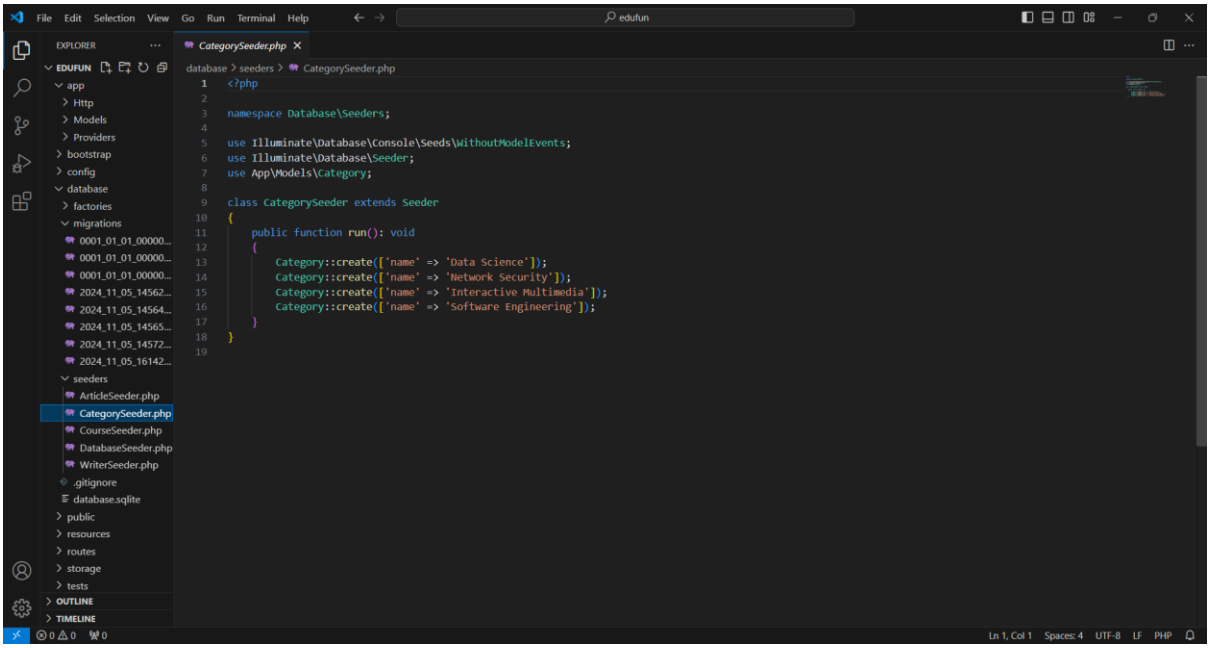
- Create_article_table



- Create_about_table

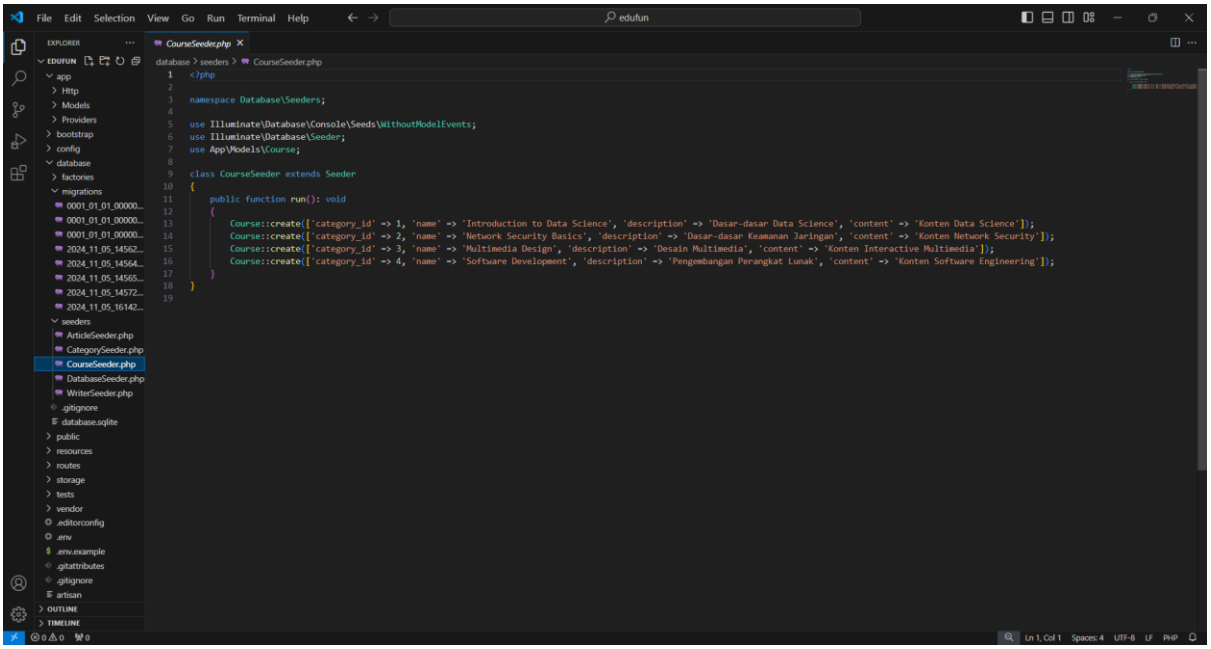


5. Seeder
   - CategorySeeder



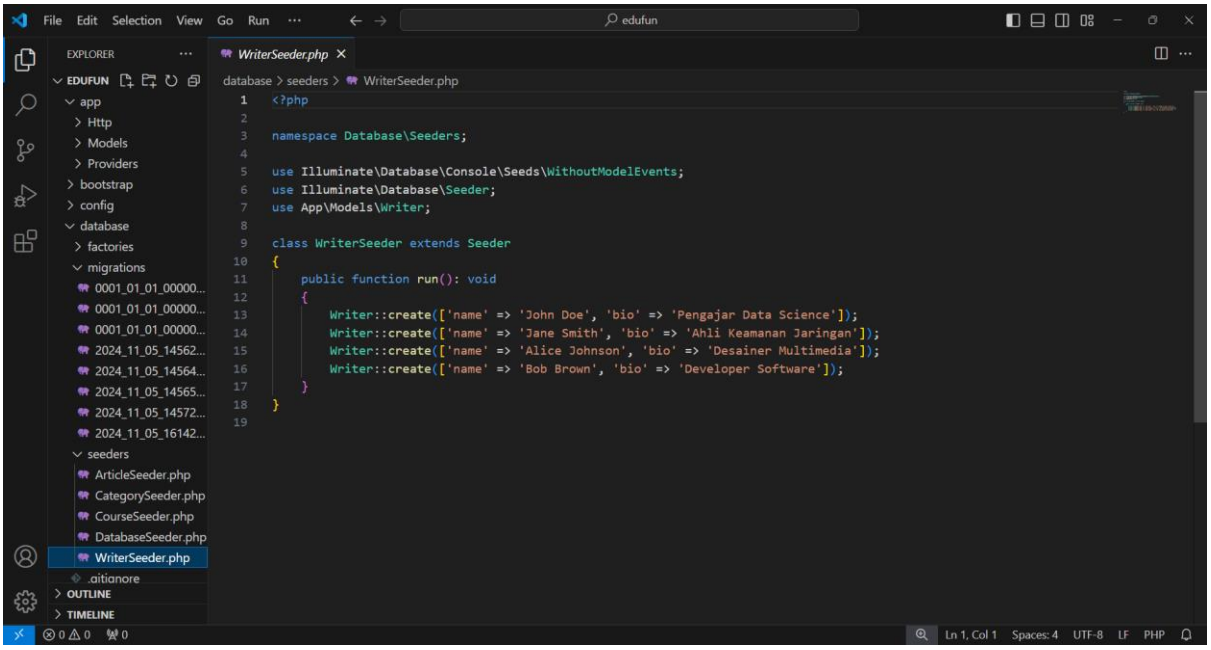

```php
<?php

namespace Database\Seeders;

use Illuminate\Database\Console\Seeds\WithoutModelEvents;
use Illuminate\Database\Seeder;
use App\Models\Category;

class CategorySeeder extends Seeder
{
    public function run(): void
    {
        Category::create(['name' => 'Data Science']);
        Category::create(['name' => 'Network Security']);
        Category::create(['name' => 'Interactive Multimedia']);
        Category::create(['name' => 'Software Engineering']);
    }
}
```

- CourseSeeder



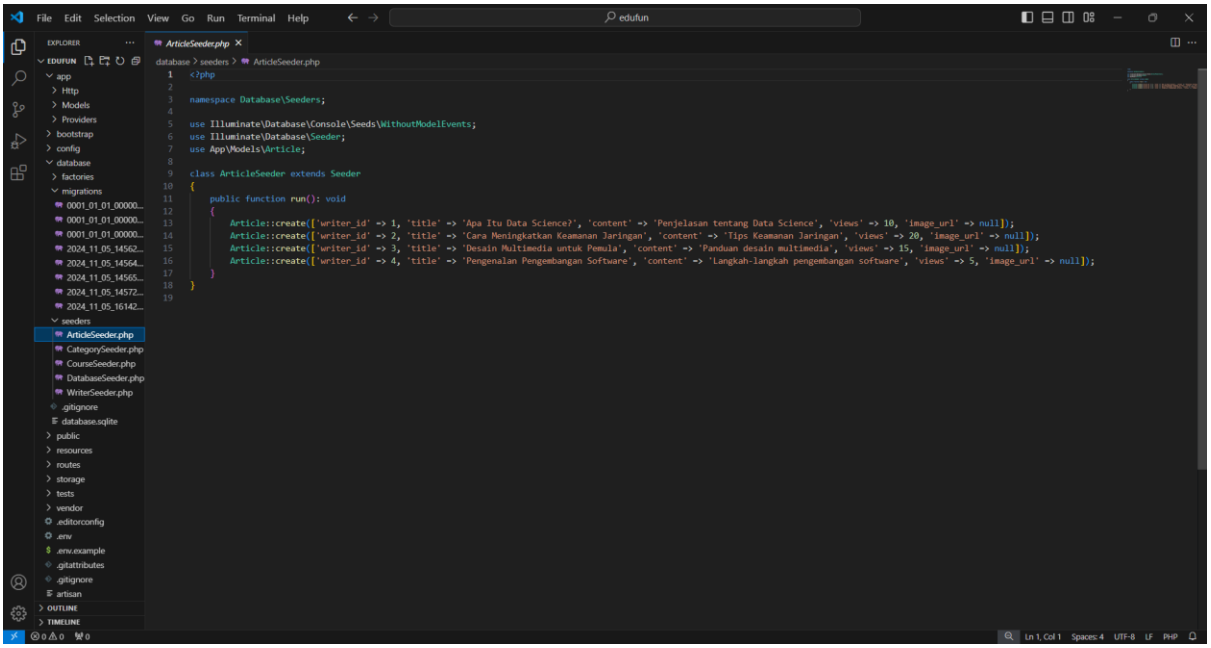

```php
<?php

namespace Database\Seeders;

use Illuminate\Database\Console\Seeds\WithoutModelEvents;
use Illuminate\Database\Seeder;
use App\Models\Course;

class CourseSeeder extends Seeder
{
    public function run(): void
    {
        Course::create(['category_id' => 1, 'name' => 'Introduction to Data Science', 'description' => 'Dasar-dasar Data Science', 'content' => 'Konten Data Science']);
        Course::create(['category_id' => 2, 'name' => 'Network Security Basics', 'description' => 'Dasar-dasar Keamanan Jaringan', 'content' => 'Konten Network Security']);
        Course::create(['category_id' => 3, 'name' => 'Multimedia Design', 'description' => 'Desain Multimedia', 'content' => 'Konten Interactive Multimedia']);
        Course::create(['category_id' => 4, 'name' => 'Software Development', 'description' => 'Pengembangan Perangkat Lunak', 'content' => 'Konten Software Engineering']);
    }
}
```

- WriterSeeder



```php
<?php

namespace Database\Seeders;

use Illuminate\Database\Console\Seeds\WithoutModelEvents;
use Illuminate\Database\Seeder;
use App\Models\Writer;

class WriterSeeder extends Seeder
{
    public function run(): void
    {
        Writer::create(['name' => 'John Doe', 'bio' => 'Pengajar Data Science']);
        Writer::create(['name' => 'Jane Smith', 'bio' => 'Ahli Keamanan Jaringan']);
        Writer::create(['name' => 'Alice Johnson', 'bio' => 'Desainer Multimedia']);
        Writer::create(['name' => 'Bob Brown', 'bio' => 'Developer Software']);
    }
}
```

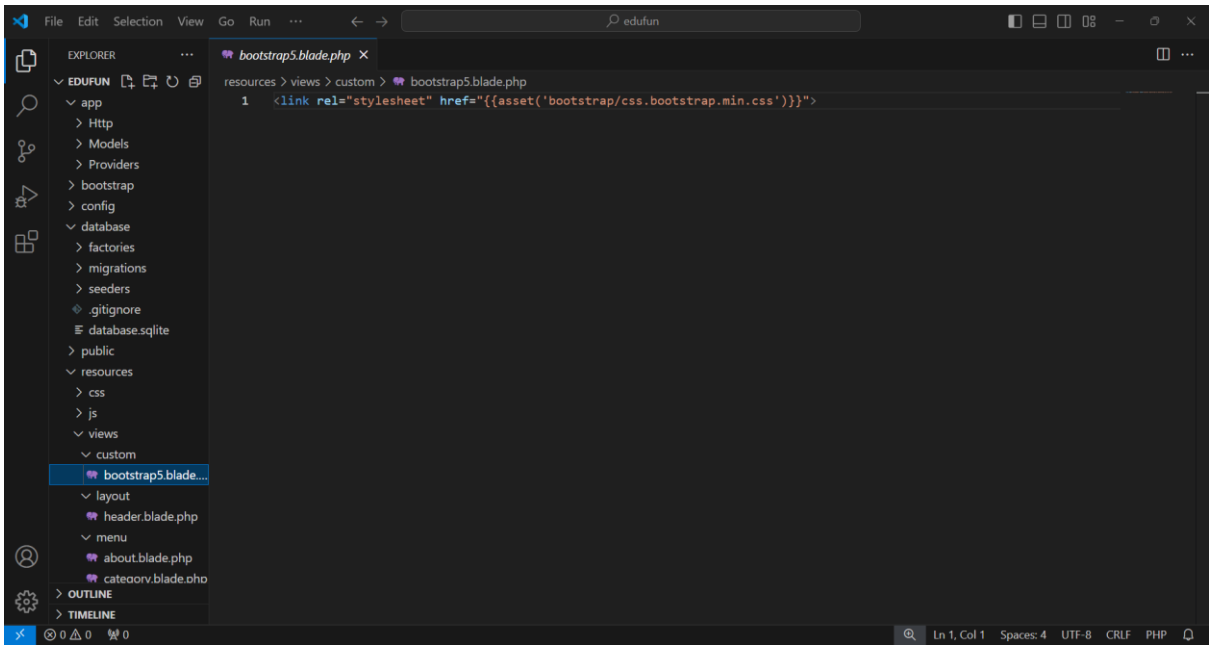
- ArticleSeeder



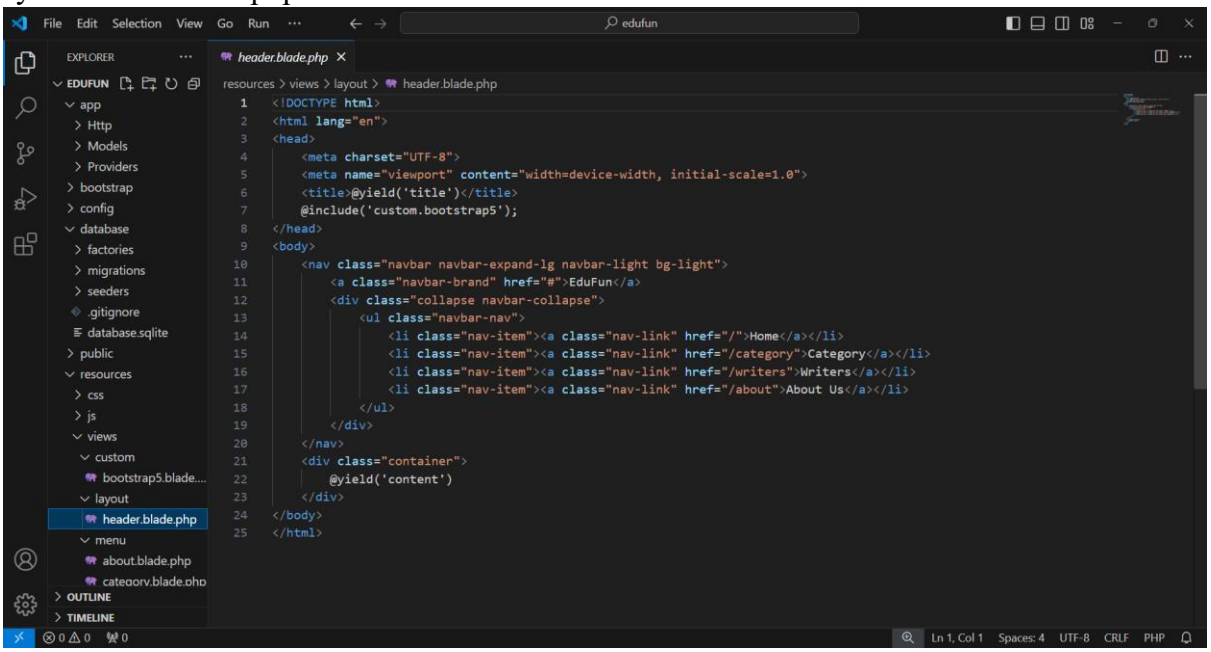
```php
<?php

namespace Database\Seeders;

use Illuminate\Database\Console\Seeds\WithoutModelEvents;
use Illuminate\Database\Seeder;
use App\Models\Article;

class ArticleSeeder extends Seeder
{
    public function run(): void
    {
        Article::create(['writer_id' => 1, 'title' => 'Apa Itu Data Science?', 'content' => 'Penjelasan tentang Data Science', 'views' => 10, 'image_url' => null]);
        Article::create(['writer_id' => 2, 'title' => 'Cara Meningkatkan Keamanan Jaringan', 'content' => 'Tips Keamanan Jaringan', 'views' => 20, 'image_url' => null]);
        Article::create(['writer_id' => 3, 'title' => 'Desain Multimedia untuk Pemula', 'content' => 'Panduan desain multimedia', 'views' => 15, 'image_url' => null]);
        Article::create(['writer_id' => 4, 'title' => 'Pengenalan Pengembangan Software', 'content' => 'Langkah-langkah pengembangan software', 'views' => 5, 'image_url' => null]);
    }
}
```

6. View

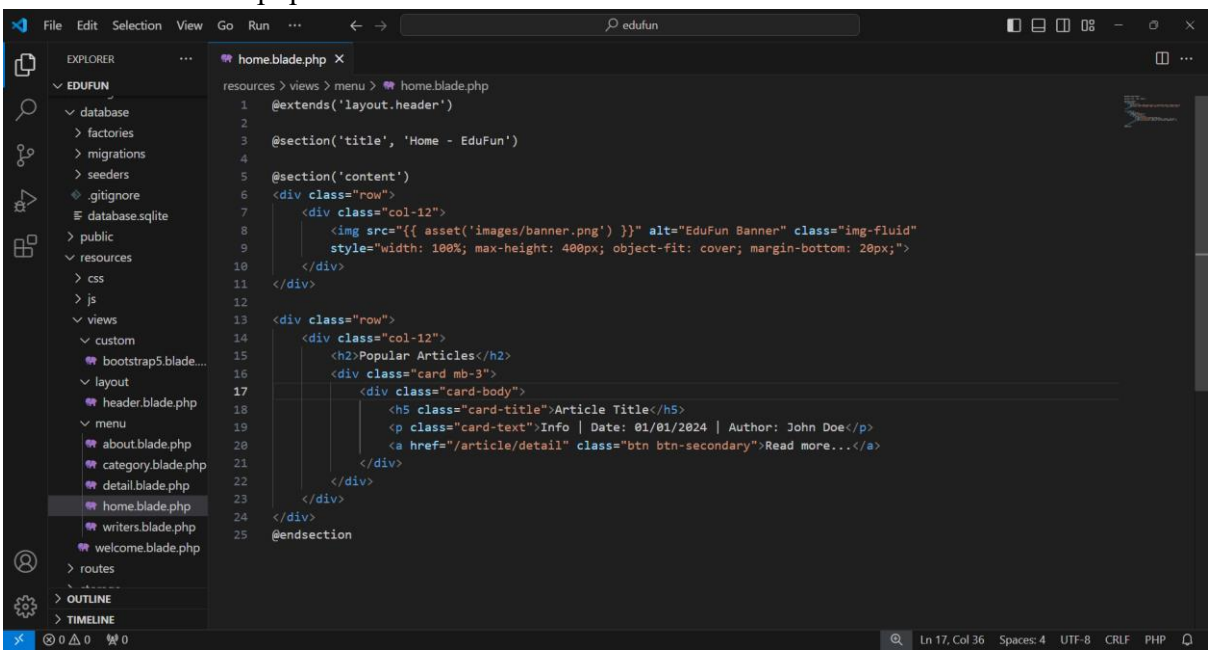
- Custom/bootstrap5.blade.php



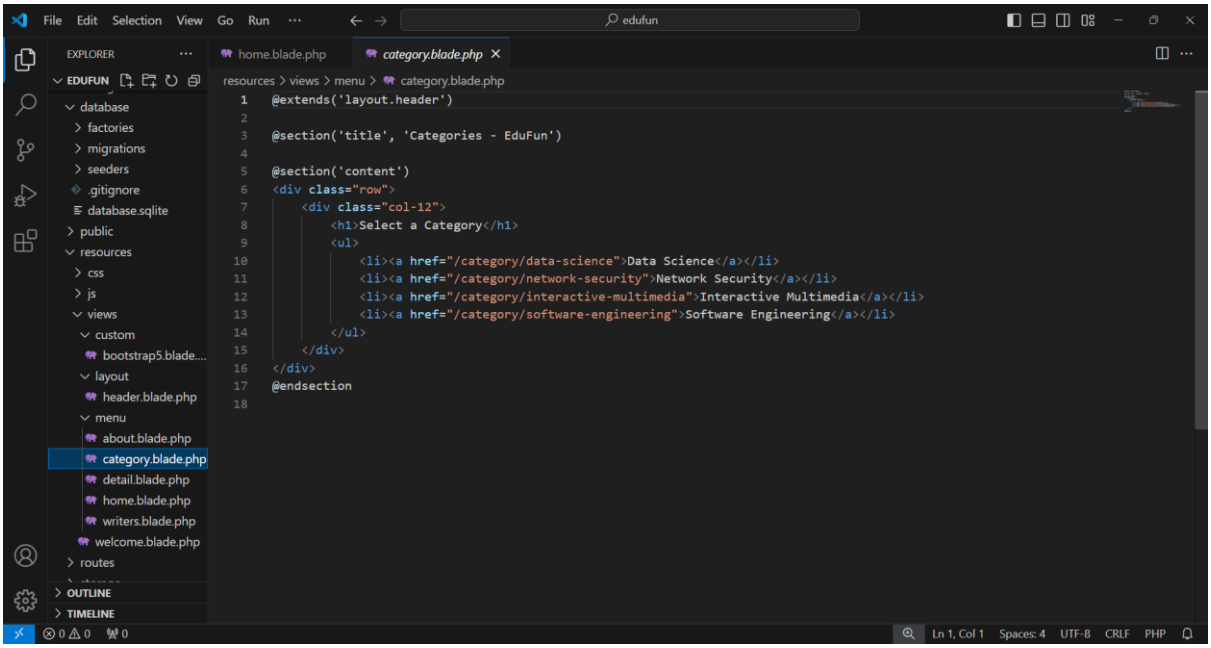
- Layout/header.blade.php



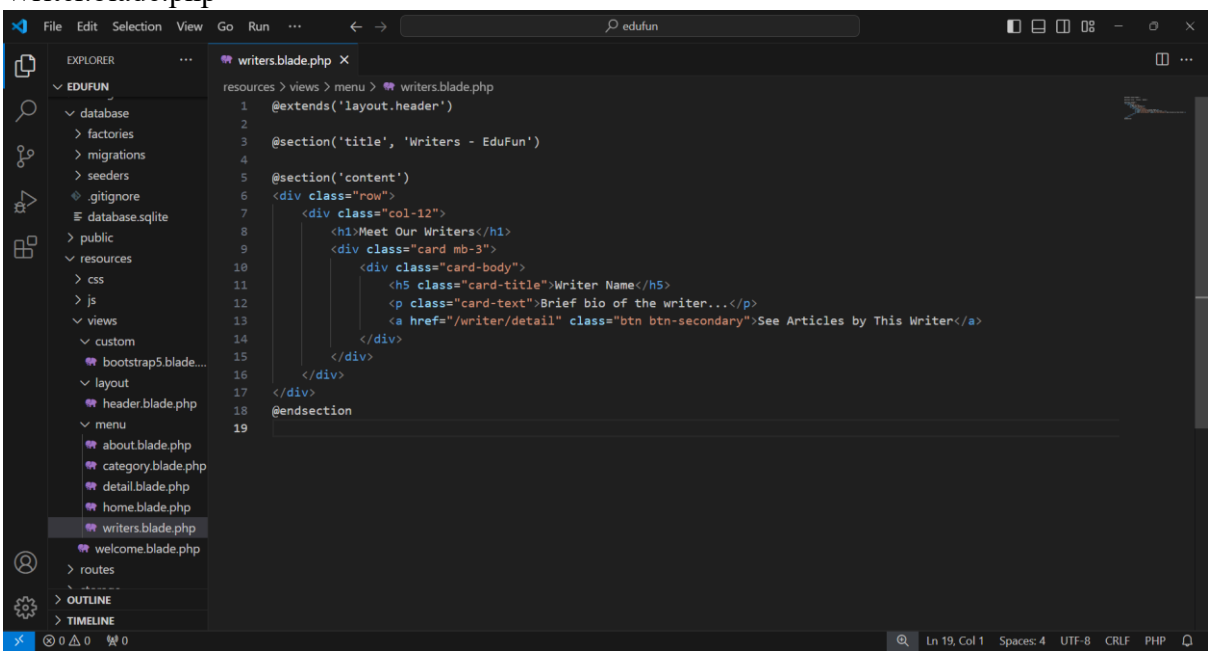
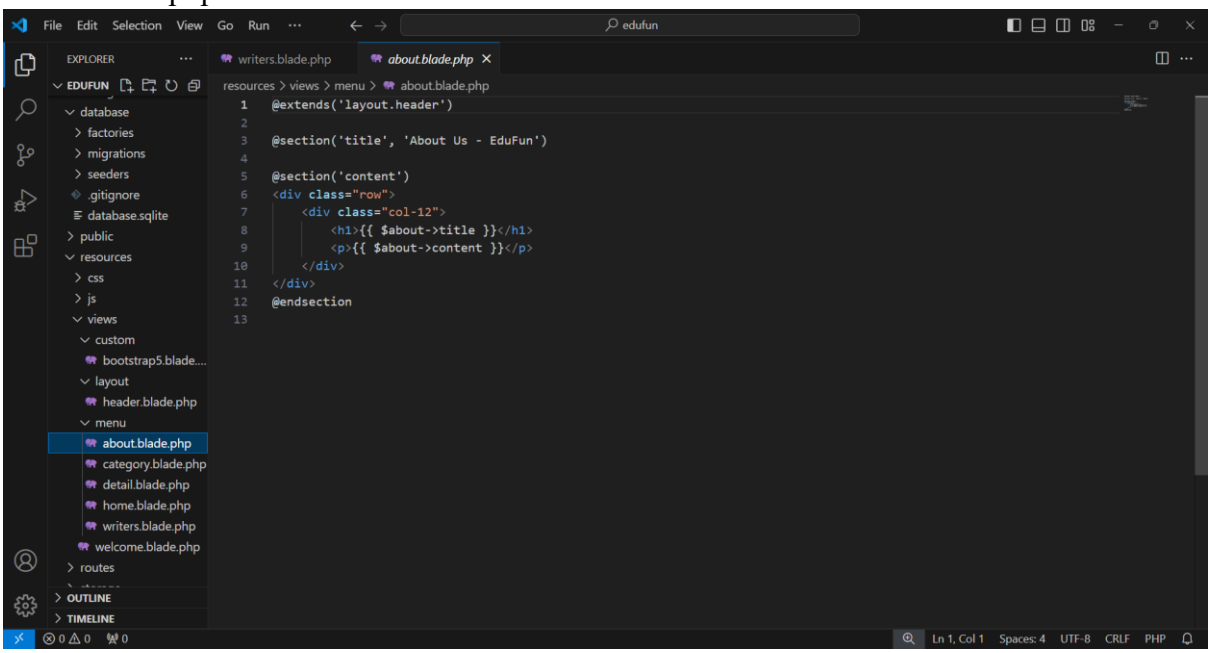
- Menu
  - Menu/Home.blade.php



  - Category.blade.php



- Writer.blade.php



- About.blade.php