

DOKUMENTASI SISTEM DATA BEASISWA

ESA UNGGUL



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Informai umum

Nama Sistem: Sistem Informasi Beasiswa UEU

Teknologi: Laravel 12, Filament v3, Blade, Bootstrap, MySQL

Fungsi Utama: Menampilkan daftar penerima beasiswa kampus

Langkah-Langkah

docker exec -it pemweb bash

composer create-project --prefer-dist raugadh/fila-starter .

rm -rf * (kalau gagal)

```
rm -rf .* (kalau gagal)
```

```
chown -R www-data:www-data storage/*
```

```
edit env :
```

```
APP_NAME="PemWeb"
```

```
APP_TIMEZONE='Asia/Jakarta'
```

```
APP_URL=http://localhost
```

```
ASSET_URL=http://localhost
```

```
DB_CONNECTION=mysql
```

```
DB_HOST=db_pemweb
```

```
DB_PORT=3306
```

```
DB_DATABASE=db_pemweb
```

```
DB_USERNAME=root
```

```
DB_PASSWORD=p455w0rd
```

```
php artisan migrate
```

```
php artisan migrate:fresh
```

```
php artisan db:seed --force
```

```
php artisan shield:generate --all
```

```
php artisan project:init
```

```
chmod 777 -R storage/* && chmod 777 bootstrap/*
```

```
abis itu buat:
```

```
php artisan make:model Beasiswa -ms
```

```
lalu di seting
```

Models/Beasiswa

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

class Beasiswa extends Model
{
    protected $fillable = [
        'nama',
        'asal_sekolah',
        'jurusan',
        'jenjang',
        'jenis_beasiswa', // Tambahkan field ini
    ];
}
```

Migrations/2025_05_19_203121_create_beasiswas_table.php

```
<?php

use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;

return new class extends Migration
{
    /**
     * Run the migrations.
     */
    public function up(): void
    {
        Schema::create('beasiswas', function (Blueprint $table) {
            $table->id();
            $table->string('nama');
            $table->string('asal_sekolah');
```

```

        $table->string('jurusan');

        // Jenjang: D3, D4, S1, S2, S3
        $table->enum('jenjang', ['D3', 'D4', 'S1', 'S2', 'S3']);

        // Jenis Beasiswa
        $table->enum('jenis_beasiswa', [
            'Akademik',
            'Non-Akademik',
            'KIP-Kuliah',
            'Prestasi',
            'Tahfidz',
            'Khusus'
        ]);

        $table->timestamps();
    });
}

/**
 * Reverse the migrations.
 */
public function down(): void
{
    Schema::dropIfExists('beasiswas');
}
};

```

Seeders/BeasiswaSeeder

```

<?php

namespace Database\Seeders;

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

class BeasiswaSeeder extends Seeder
{
    /**

```

```

        * Run the database seeds.
        */
    public function run(): void
    {
        Beasiswa::create([
            'nama' => 'Budi Santoso',
            'asal_sekolah' => 'SMAN 5 Bandung',
            'jurusan' => 'Manajemen',
            'jenjang' => 'S1',
            'jenis_basiswa' => 'Beasiswa Prestasi',
        ]);
    }
}

```

setelah diubah codingnya semua lanjut ke:

php artisan make:filament-resource Beasiswa --generate

Struktur Folder Penting

└─ layouts/app.blade.php → Layout utama

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <title>Beasiswa Mahasiswa</title>
    <meta name="viewport" content="width=device-width, initial-scale=1,
maximum-scale=5">
    <meta name="description" content="Website Data Beasiswa Mahasiswa">
    <link rel="icon" href="{{ asset('frontend/images/favicon.png') }}"
type="image/x-icon">

    {{-- Google Fonts --}}
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

```

```

<link
href="https://fonts.googleapis.com/css2?family=Rubik:wght@400;500;700&dis
lay=swap" rel="stylesheet">

    {{-- CSS Plugins --}}
    <link rel="stylesheet" href="{{
asset('frontend/plugins/slick/slick.css') }}">
    <link rel="stylesheet" href="{{ asset('frontend/plugins/font-
awesome/fontawesome.min.css') }}">
    <link rel="stylesheet" href="{{ asset('frontend/plugins/font-
awesome/brands.css') }}">
    <link rel="stylesheet" href="{{ asset('frontend/plugins/font-
awesome/solid.css') }}">

    {{-- Main CSS --}}
    <link rel="stylesheet" href="{{ asset('front/assets/css/style.css') }}">
<link
href="https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.
css" rel="stylesheet">

<body>

    {{-- Navbar --}}
    @include('frontend.components.navbar')

    {{-- Main Content --}}
    @yield('content')

    {{-- Footer --}}
    @include('frontend.components.footer')

    {{-- JS --}}
    <script src="{{ asset('frontend/plugins/jquery/jquery.min.js')
}}"></script>
    <script src="{{ asset('frontend/plugins/bootstrap/bootstrap.min.js')
}}"></script>
    <script src="{{ asset('frontend/js/script.js') }}"></script>
</body>
</html>

```

└─ components/footer.blade.php → Navigasi

```

<footer class="bg-light text-center py-3 mt-5 border-top">
<p class="text-center">© {{ date('Y') }} Sistem Beasiswa UEU</p>

```

```

<a href="{{ route('home') }}">Beranda</a>
    <div class="container">
        <p class="mb-0">&copy; {{ date('Y') }} BeasiswaUEU. All rights
reserved.</p>
    </div>
</footer>

```

└─ components/navbar.blade.php → Navigasi

```

<nav class="navbar navbar-expand-lg navbar-light bg-white shadow-sm">
    <div class="container">
        <a class="navbar-brand fw-bold" href="{{ route('home') }}">
            <i class="fas fa-graduation-cap me-2"></i> BeasiswaUEU
        </a>
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNav">
            <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarNav">
            <ul class="navbar-nav ms-auto">
                <li class="nav-item">
                    <a class="nav-link {{ request()->is('/') ? 'active fw-semibold'
: '' }}" href="{{ route('home') }}">Beranda</a>
                </li>
                {{-- Tambahkan menu lainnya jika diperlukan --}}

            </ul>
        </div>
    </div>
</nav>

```

└─ home.blade.php → Halaman Beranda

```

@extends('frontend.layouts.app')

@section('content')
<div class="container text-center mt-5 mb-5">

    {{-- Judul --}}
    <h1 class="fw-bold mb-3">Selamat Datang di Sistem Beasiswa UEU</h1>
    <p class="text-muted mb-4">Lihat daftar penerima beasiswa aktif dari
seluruh mahasiswa.</p>

```

```

    {{-- Logo --}}
    <div class="mb-4">
        
    </div>

    {{-- Tombol --}}
    <a href="{{ route('beasiswa') }}" class="btn btn-primary px-4 py-2">
        Lihat Daftar Beasiswa
    </a>

</div>
@endsection

```

└─ index.blade.php → Halaman Data Beasiswa

```

@extends('frontend.layouts.app')

@section('content')
<div class="container mt-4">
    <h2 class="text-center mb-4">Daftar Penerima Beasiswa</h2>
    <table class="table table-bordered">
        <thead>
            <tr>
                <th>Nama</th>
                <th>Asal Sekolah</th>
                <th>Jurusan</th>
                <th>Jenjang</th>
                <th>Jenis Beasiswa</th>
            </tr>
        </thead>
        <tbody>
            @foreach ($data as $item)
                <tr>
                    <td>{{ $item->nama }}</td>
                    <td>{{ $item->asal_sekolah }}</td>
                    <td>{{ $item->jurusan }}</td>
                    <td>{{ $item->jenjang }}</td>
                    <td>{{ $item->jenis_beasiswa }}</td>
                </tr>
            @endforeach
        </tbody>
    </table>
</div>

```



```
@endsection
```

Lalu tambahkan public/front/assets/ → Folder gambar, CSS, JS

3. Routing Aplikasi

Web.php

```
<?php

use App\Http\Controllers\FrontendController;

Route::get('/', function () {
    return view('frontend.home');
})->name('home');

Route::get('/beasiswa', [FrontendController::class, 'index'])->
>name('beasiswa');
```

Fitur

- Halaman Beranda
- Halaman Tabel Penerima Beasiswa
- Responsif, ringan, dan mudah dinavigasi
- Tanpa fitur login atau pendaftaran