Modul Laravel + Tailwind CSS

1. Persiapan Proyek Laravel

Pastikan kamu sudah menginstal Laravel:

```
laravel new my-project

cd my-project
```

2. Instalasi Tailwind CSS

Instal Tailwind menggunakan Laravel Mix:

```
npm install -D tailwindcss postcss autoprefixer

npx tailwindcss init
```

Edit tailwind.config.js:

```
module.exports = {

  content: [

    "./resources/**/*.blade.php",

    "./resources/**/*.js",

    "./resources/**/*.vue",

  ],

  theme: { extend: {} },

  plugins: [],

}
```
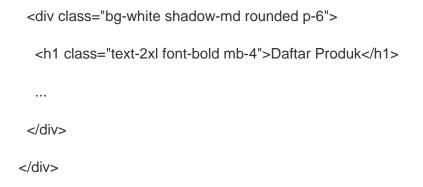
Edit resources/css/app.css:

@tailwind base;

@tailwind components;

@tailwind utilities;

Edit webpack.mix.js dan build:

npm install

npm run dev

3. Struktur Modul Laravel

Misalnya ingin membuat modul Produk:

php artisan make:model Product -mcr

Edit migration:

$table->string('name');

$table->text('description')->nullable();

$table->decimal('price', 10, 2);

Lalu jalankan:

php artisan migrate

4. Blade View + Tailwind

Contoh file: resources/views/products/index.blade.php

<div class="max-w-7xl mx-auto py-10">

```
<div class="bg-white shadow-md rounded p-6">

  <h1 class="text-2xl font-bold mb-4">Daftar Produk</h1>

  ...

  </div>

</div>
```

5. Route dan Controller

Tambahkan di routes/web.php:

Route::resource('products', ProductController::class);

Dan implementasi metode index di controller.

6. Modularisasi UI

Contoh komponen blade: php artisan make:component Button

resources/views/components/button.blade.php:

```
<button class="bg-blue-500 hover:bg-blue-700 text-white py-2 px-4 rounded">

  {{ $slot }}

</button>
```

7. Livewire (Opsional)

Untuk interaktifitas:

composer require livewire/livewire