

Extension

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Install laravel, tailwind & run

Install laravel.

Cara1: composer create-project laravel/laravel (nama)

Cara2: klik kanan di laragon -> quick app -> laravel

Run laravel.

Cara1: php artisan serve

Cara2: php artisan serve --port=1234

Cara3: klik kanan di laragon -> www -> nama project

Install tailwind

<https://tailwindcss.com/docs/guides/laravel>

npm install -D tailwindcss postcss autoprefixer

npx tailwindcss init -p

Ganti tailwind config .js dengan

```
/** @type {import('tailwindcss').Config} */
```

```
export default {
```

```
  content: [
```

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

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

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

```
  ],
```

```
  theme: {
```

```
    extend: {},
```

```
  },
```

```
plugins: [],  
}
```

Copas ke ./resources/css/app.css

@tailwind base;

@tailwind components;

@tailwind utilities;

Untuk run memek

npm run dev

Jgn lupa add ke file yang ingin memakai

@vite('resources/css/app.css')

Create DB

Open database laragon -> create database

Ganti env

Ganti db_connection ke mysql

Ganti db_database ke nama database

Create Migration

Buat migration file untuk create table:

php artisan make:migration create(nama migration)

Buat migration file untuk update table:

php artisan make:migration update(nama migration) --table=(nama tabel)

List attribute -> attribute(nama kolom, (panjang))

Id

String

Integer

Boolean

Date

dateTime

(foreign key cara 1):

ForeignId("nama attr")->constrained("tabel constraint")->references("reference apa")

(foreign key cara 2):

```
$table->bigInteger('organizer_id')->unsigned();  
$table->foreign('organizer_id')->references('id')->on('organizers')->onDelete('cascade');
```

List sifat attribute? (->)

autoIncrement

timestamps

Required

default(default apa)

Run migration

php artisan migrate -> hanya run file yg belum pernah di run

php artisan migrate --seed -> run kedua migrations dan seeder

php artisan db:wipe -> hapus database

php artisan migrate:fresh -> drop semua tabel kemudian run ulang

Model dan relation

php artisan make:model

Import

```
use Illuminate\Database\Eloquent\Relations\HasMany;  
use Illuminate\Database\Eloquent\Relations\HasManyThrough;  
use Illuminate\Database\Eloquent\Relations\HasManyBelongsTo;
```

Jgn lupa

```
protected $table=('nama tabel');
```

Dan untuk yang mau diisi di form/input/create dll

```
protected $fillable = [('kolom a', 'kolom b, dst.)];
```

Function

```
public function (namaTabel)(): (relation)  
{  
    return $this->(relation)((model relasi)::class, ('attribute  
relasi'));  
}
```

Seeder

Membuat seeder

php artisan make:seeder namaseeder

Jangan lupa import

```
use Illuminate\Support\Facades\DB;
```

Mengisi seeder manual

```
DB::table(nama_tabel)->insert([
    [
        'name'=>'Mechanical Engineering',
        'unit_level'=>2,
        'created_at'=>now(),
    ],
    [
        'name'=>'Industrial Engineering',
        'unit_level'=>2,
        'created_at'=>now(),
    ]
]);
```

Isi Seedr pakai loop (tapi isinya ya loop nya)

```
$eventCategories = ["Expo", "Concert", "Conference"];
for ($i = 1; $i <= 3; $i++) {
    DB::table('event_categories')->insert([
        'name' => $eventCategories[$i - 1],
        'created_at' => Carbon::now()->format('Y-m-d H:i:s'),
        'updated_at' => Carbon::now()->format('Y-m-d H:i:s')
    ]);
}
```

Run seeder:

php artisan db:seed --class=namafile

tampilan

Bikin sendiri tampilan, udah tes 1 masa gbs

CRUD nt bljr dewe onk nde github

https://github.com/bryanozora/wfd_lat