Codeigniter 4

**-Tahap Persiapan dasar**

1. download via composer Codeigniter 4

2. ubah env file menjadi .env

3. ubah setingan CI\_ENVIRONMENT

* CI\_ENVIRONMENT = production (untuk production)
* CI\_ENVIRONMENT = development (untuk development)

4. command access local development server (php spark serve)

**-Tahap Persiapan setting template**

1.gunakan template adminlte or ETC

2.penempatan template ada di bagian folder public/nama folder/nama folder (public/assets/backend)

**-tahap layouting template**

1.create folder layout

2. make file as name template.php

-struktur templating bawaan ci4

A. **<?= $this->renderSection('content') ?>** (untuk merender halaman content).

B. **<?= $this->extend('Layouting/template') ?>** (untuk Menghubungkan halaman content dengan template )

C. **<?= $this->section('content') ?>** (Awal content di mulai)

D. **<?= $this->endsection() ?>** (akhir content di mulai)

E. **<?= $this->include('Layouting/navbar')?>** (include bagian halaman tertentu di template misal navbar menu OR ETC)

**-Tahap Penggunaan Database Forge (membuat database dengan code langsung)**

*1.setting awal database di file .env*

database.default.hostname = localhost

database.default.database =

database.default.username = root

database.default.password =

database.default.DBDriver = MySQLi

database.default.DBPrefix =

database.default.port = 3306

2.create new routes with code dibawah

$routes->get('create-db', function() {

$forge = \Config\Database::forge();

if ($forge->createDatabase('my\_db')) {

echo 'Database berhasil di created!';

}

});

3.jalankan di browser

<http://localhost:8080/create-db>

*response Database berhasil di created!*

4. menghapus database

if ($forge->dropDatabase('my\_db')) {

echo 'Database deleted!';

}

**-Tahap Penggunaan Database migrations (membuat table dengan code langsung)**

1.open your gitbash or terminal

2. create file in git bash

php spark make**:**migration **<**class**>** [options]

3. if success file created in folder (File created: APPPATH\Database\Migrations\name migrations)

<?php

namespace App\Database\Migrations;

use CodeIgniter\Database\Migration;

class Gawian extends Migration

{

public function up()

{

//code for your add table

$this->forge->addField([

'blog\_id' => [

'type' => 'INT',

'constraint' => 5,

'unsigned' => true,

'auto\_increment' => true,

],

'blog\_title' => [

'type' => 'VARCHAR',

'constraint' => '100',

],

'blog\_description' => [

'type' => 'TEXT',

'null' => true,

],

]);

$this->forge->addKey('blog\_id', true);

$this->forge->createTable('blog');

}

public function down()

{

//code for your deleted table

$this**->**forge**->**dropTable('blog');

}

}

4. setelah selesai membuat struktur table ketikan di gitbash

-php spark migrate (make table)

-php spark migrate**:**rollback (delete table)