UNIVERSITAS DUTA BANGSA SURAKARTA

MATERI DRILLING UKK - SMK

MEMBANGUN APLIKASI WEB

Laravel – Mysql – AdminLTE

DEMO

http://sopingi.com/ukk2020

Sopingi – Sri Sumarlinda

UNIVERSITAS DUTA BANGSA SURAKARTA

APLIKASI BERBASIS WEB

INSTALASI DAN PENGATURAN SOFTWARE TOOLS PEMROGRAMAN

Software yang dibutuhkan untuk pembuatan aplikasi inventaris sebagai berikut

1. XAMPP **https://www.apachefriends.org/download.html** silahkan download versi 7.2.*
   a. Apache sebagai web server
   b. PHP Versi 7.2
   c. MariaDB sebagai database server

2. Text Editor Sublime **https://www.sublimetext.com/3**

Pastikan 2 (dua) software tersebut sudah terinstall dan bisa lanjut ke materi berikutnya.

Untuk basis data yang akan kita gunakan adalah MariaDB (dulu mysql)

1. Jalankan XAMPP, start pada apache dan mysql
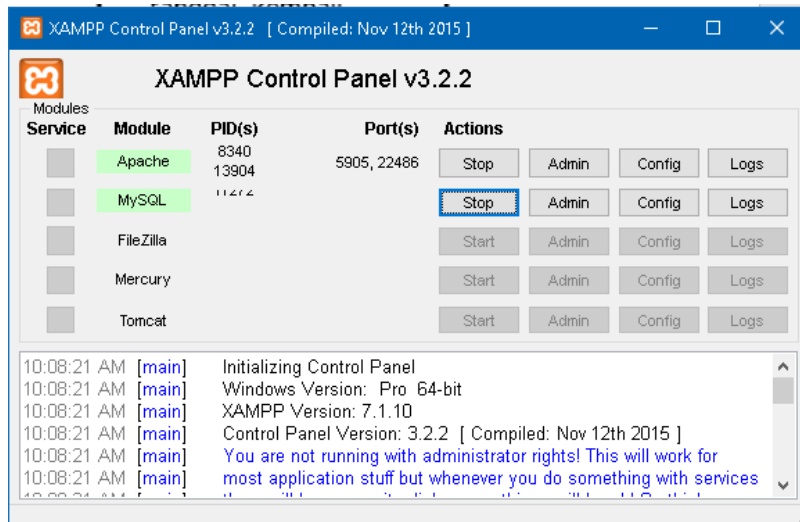
2. Buka browser dan buka : http://localhost/phpmyadmin
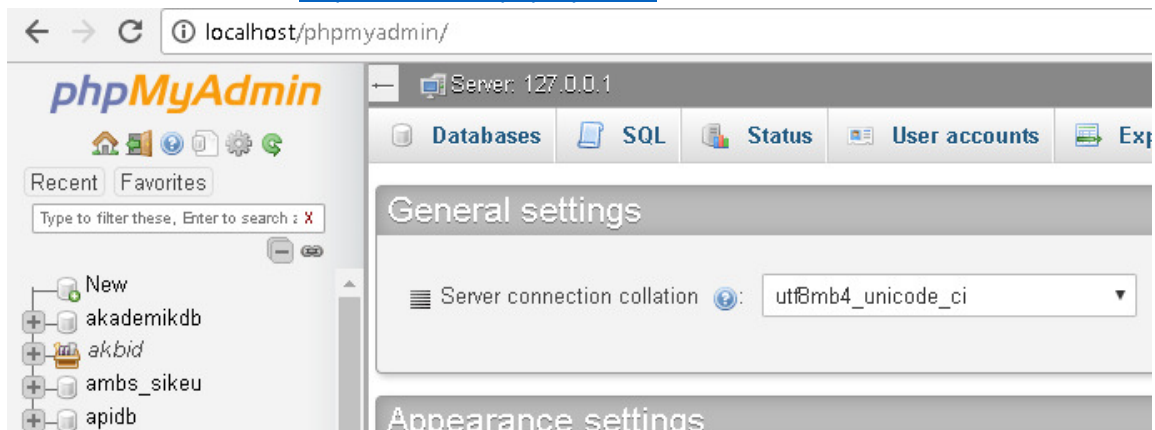
3. Membuat database
    Klik menu **database** → ketik nama basisdata **pembayarandb** → klik tombol **Create**
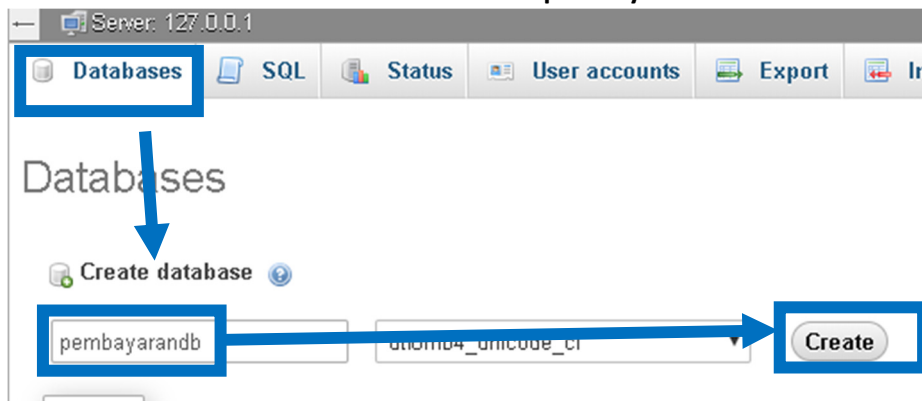
Setelah berhasil membuat basis data pastikan anda sudah masuk ke dalam basis data
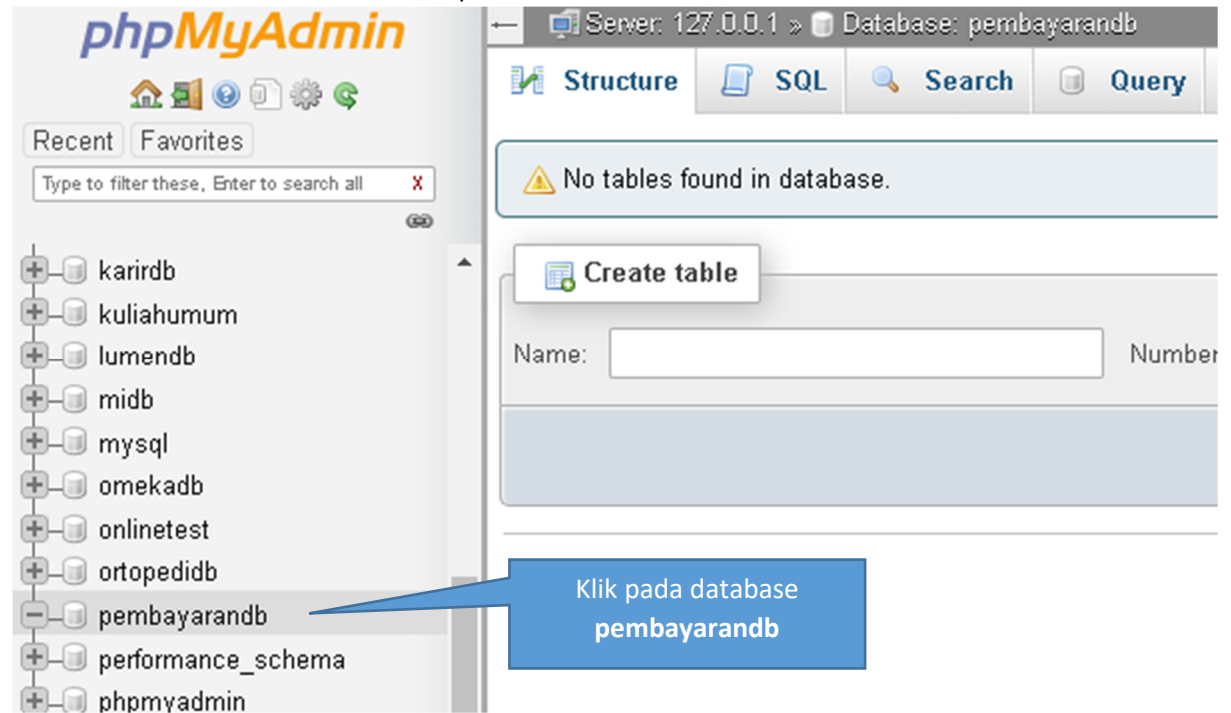
-- Lanjut Materi Berikutnya --

1. Pengantar

   Laravel adalah kerangka kerja (Framework) aplikasi web berbasis PHP yang open source, menggunakan konsep model–view–controller

2. Konfigurasi PHP

   PHP sudah terinstall include di XAMPP tetapi untuk menggunakan framework laravel perlu mendaftarkan path/lokasi php.exe ke windows environment.

   a. Klik kanan **This PC** → **Pilih Properties**
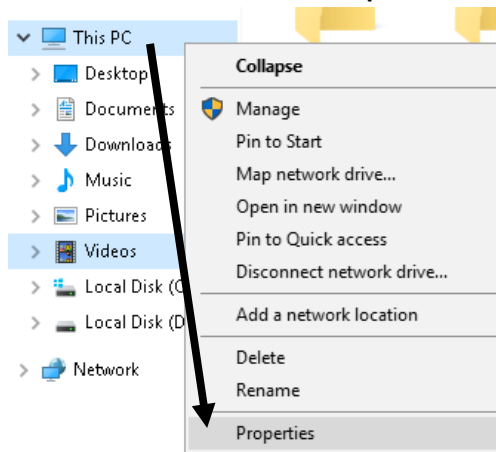
   b. Pilih **Advanced System Settings** → **Advanced** → **Environment Variables**
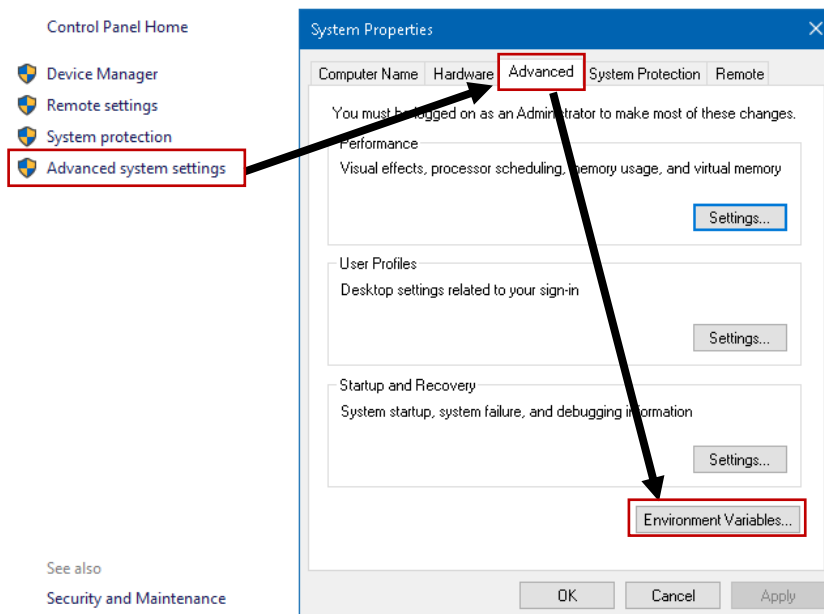
c. Pilih System Variable → Cari Path → Edit (**hati-hati jangan sampai dihapus**)
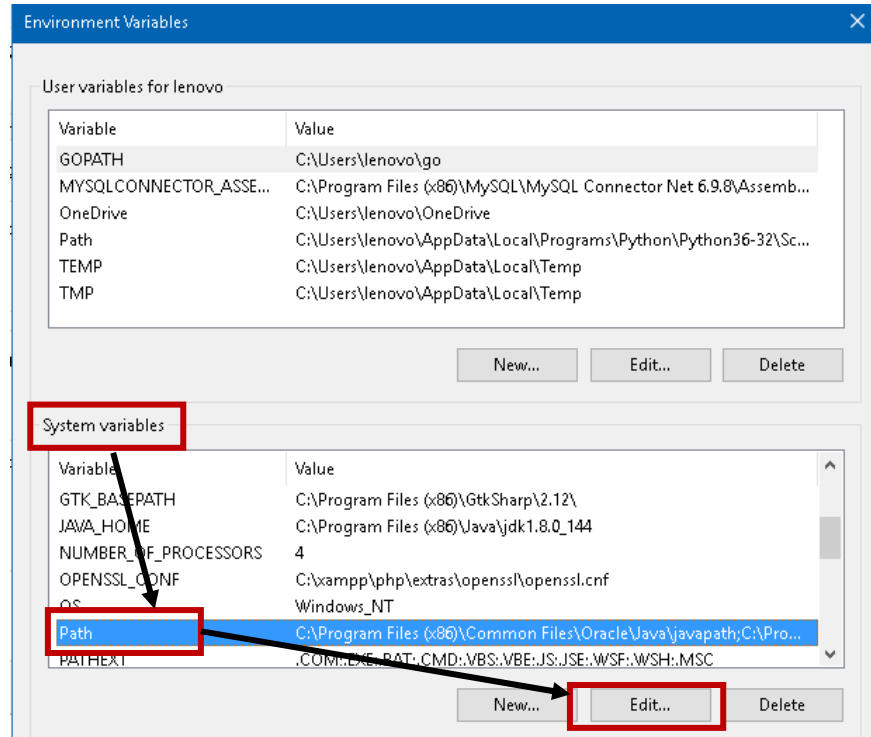
d. Klik **New** → tambahkan value: **C:\xampp\php** → **OK**
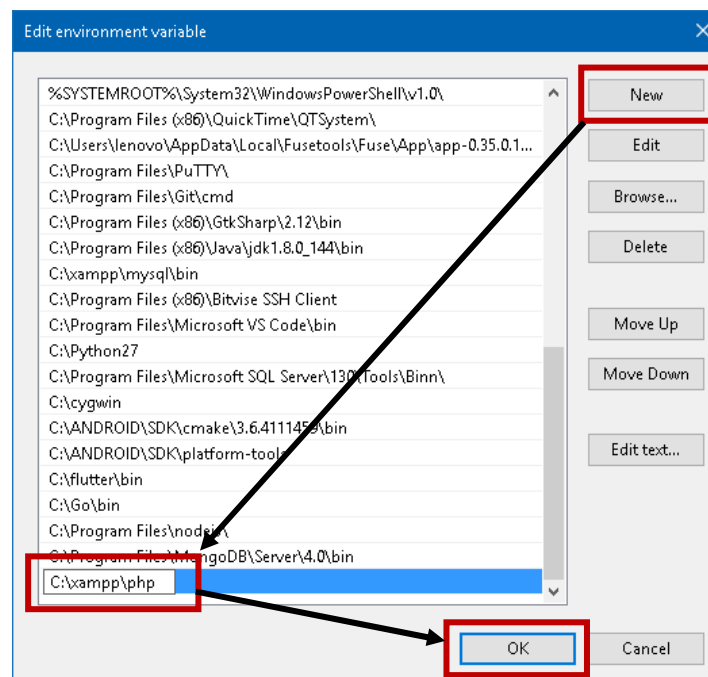
CATATAN UNTUK WINDOWS VERSI LAMA

Di versi windows sebelumnya bentuk form berisi 1 (satu) textinput, maka untuk menambahkan value : **C:\xampp\php** dilakukan dengan menambahkan **; (titik koma)** diikuti value **C:\xampp\php**.

;C:\xampp\php

%SystemRoot%\system32\cmd.exe;%SystemRoot%\TEMP**;C:\xampp\php**

3. Instalasi Composer **(WAJIB TERHUBUNG INTERNET)**
   Composer adalah *package manager* untuk bahasa pemrograman PHP yang memberikan format standar untuk mengelola dependensi.
   Silahkan download dan install composer: https://getcomposer.org/Composer-Setup.exe

Proses Download....

Jika ada yang eror, klik tombol **Retry**
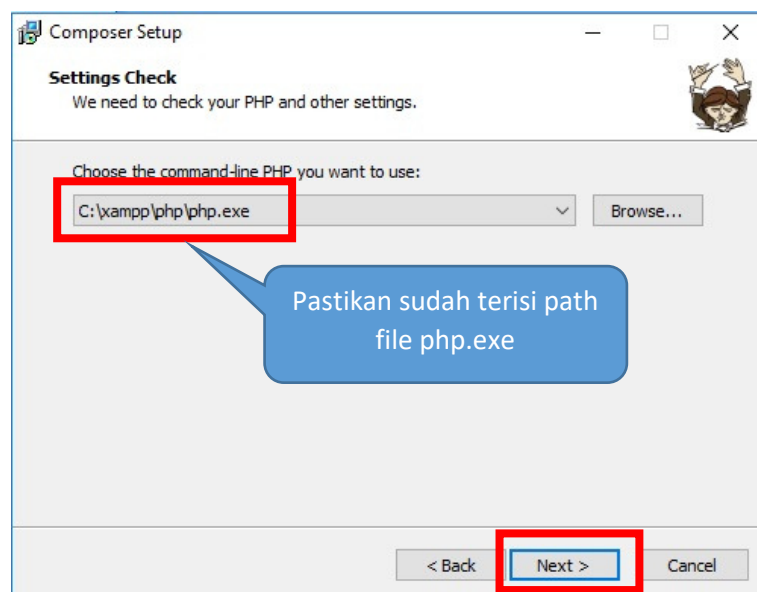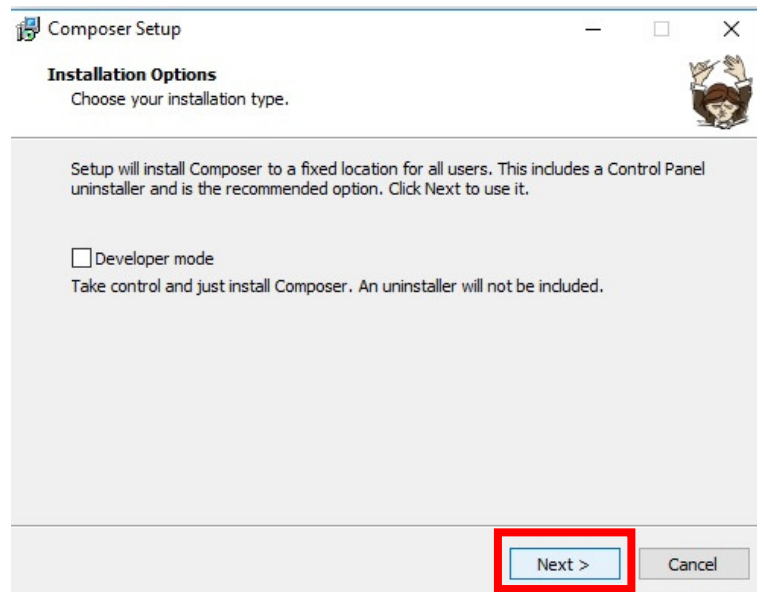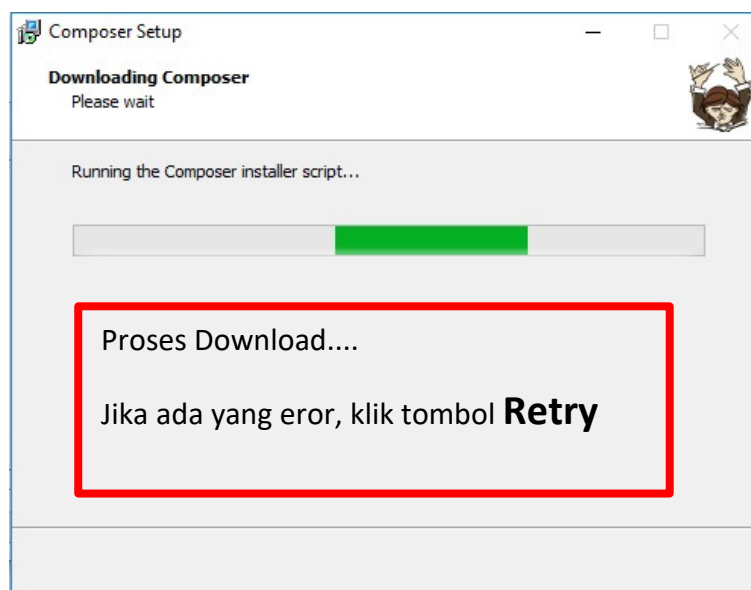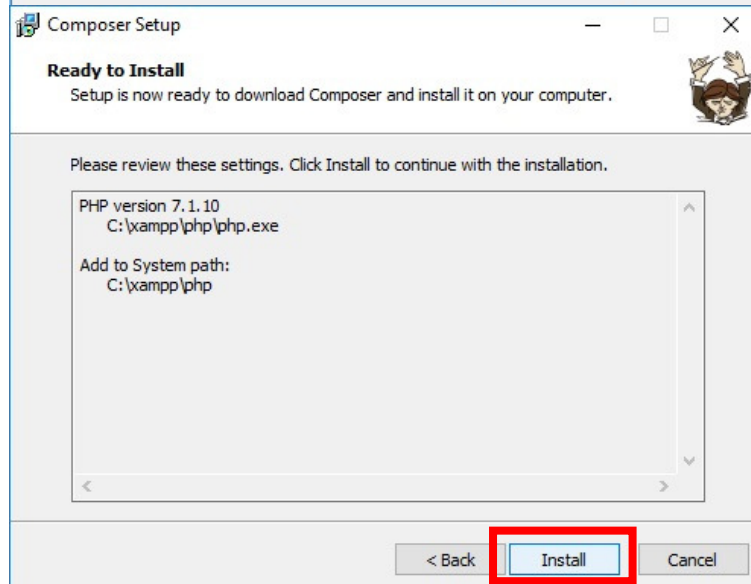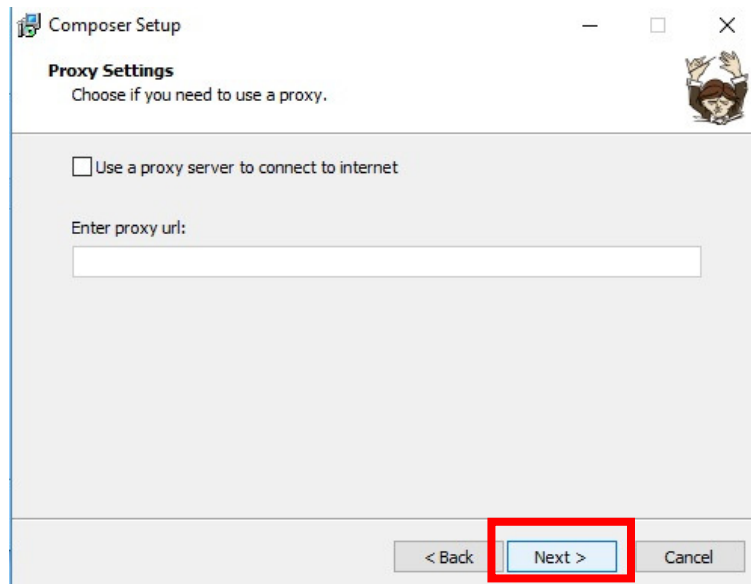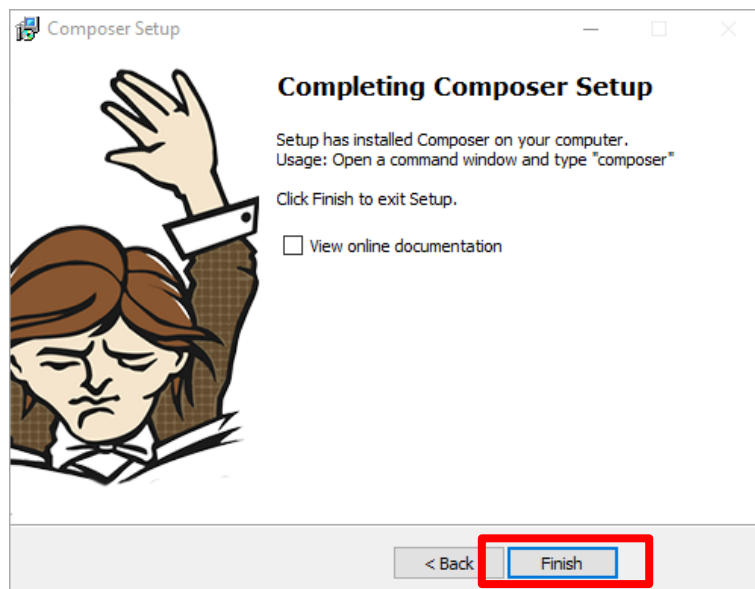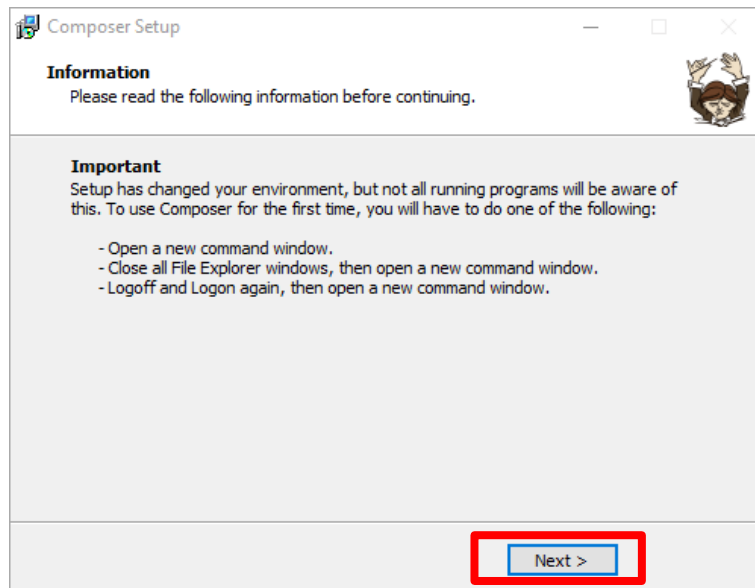
Selanjutnya cek apakah composer sudah terinstall dengan baik. Buka command prompt (cmd) dan ketik: `composer --version` → enter

4. Instalasi **Laravel 7.* (WAJIB TERHUBUNG INTERNET)**
   a. Buka CMD (Command Prompt)
   b. Ketik perintah:

   ```
   composer global require laravel/installer
   ```

   ```
   C:\WINDOWS\system32\cmd.exe
   Microsoft Windows [Version 10.0.15063]
   (c) 2017 Microsoft Corporation. All rights reserved.

   C:\Users\lenovo>composer global require laravel/installer
   Changed current directory to C:/Users/lenovo/AppData/Roaming/Composer
   Using version ^2.0 for laravel/installer
   ./composer.json has been updated
   Loading composer repositories with package
   Updating dependencies (including require-
   Nothing to install or update
   Generating autoload files

   C:\Users\lenovo>
   ```

   > Pastikan ada pesan:
   > **Generating autload files**
   > Menandakan installer berhasil dipasang

   c. Silahkan pindah ke disk D: dengan perintah: → **D:<enter>**

   ```
   C:\Users\lenovo>D:

   D:\>
   ```

   d. Membuat project laravel dengan nama "UKK-NIS" ketik perintah berikut ini

   ```
   laravel new ukk-13291
   ```

   tunggu hingga proses membuat project selesai.

   ```
   D:\>laravel new ukk-13291
   Crafting application...
   Loading composer repositories with package information
   Installing dependencies (including require-dev) from lock file
   Package operations: 76 installs, 0 updates, 0 removals
     - Installing doctrine/inflector (v1.3.0): Downloading (100%)
     - Installing doctrine/lexer (v1.0.1): Downloading (100%)
     - Installing dragonmantank/cron-expression (v2.2.0): Downloading (100%)
     - Installing erusev/parsedown (v1.7.2): Downloading (100%)
     - Installing symfony/polyfill-ctype (v1.11.0): Loading from cache
     - Installing phpoption/phpoption (1.5.0): Loading from cache
     - Installing vlucas/phpdotenv (v3.3.3): Downloading (100%)
     - Installing symfony/css-selector (v4.2.4): Loading from cache
     - Installing tijsverkoyen/css-to-inline-styles (2.2.1): Downloading (100%)
     - Installing symfony/polyfill-php72 (v1.11.0): Downloading (100%)
     - Installing symfony/polyfill-mbstring (v1.11.0): Downloading (100%)
     - Installing symfony/var-dumper (v4.2.4): Downloading (100%)
     - Installing symfony/routing (v4.2.4): Downloading (100%)
   pport readline or libedit.)
   filp/whoops suggests installing whoops/soap (Formats errors as SOAP responses)
   sebastian/global-state suggests installing ext-uopz (*)
   sebastian/environment suggests installing ext-posix (*)
   phpunit/php-code-coverage suggests installing ext-xdebug (^2.6.0)
   phpunit/phpunit suggests installing ext-xdebug (*)
   phpunit/phpunit suggests installing phpunit/php-invoker (^2.0)
   Generating optimized autoload files
   > @php -r "file_exists('.env') || copy('.env.example', '.env');"
   > @php artisan key:generate --ansi
   Application key set successfully.
   > Illuminate\Foundation\ComposerScripts::post
   > @php artisan package:discover --ansi
   Discovered Package: nesbot/carbon
   Discovered Package: fideloper/proxy
   Discovered Package: laravel/tinker
   Discovered Package: beyondcode/laravel-dump-se
   Discovered Package: nunomaduro/collision
   Package manifest generated successfully.
   Application ready! Build something amazing.

   D:\>_
   ```

   > Pastikan ada pesan:
   > **Application ready! Build something amazing**
   > Menandakan pembuatan project berhasil

e. Menjalankan server

Dalam project laravel yang kita buat disimpan di → **D:/ukk-13291**. Kita harus berpindah ke folder **ukk-13291** dengan perintah:

```
cd ukk-13291
```

kemudian untuk menjalankan server dengan perintah beriktu:

```
php artisan serve
```

```
D:\>cd ukk-13291

D:\ukk-13291>php artisan serve
Laravel development server started: <http://127.0.0.1:8000>
```

CATATAN

Alternative lain untuk menjalankan server dapat menggunakan perintah:

```
php -S localhost:8000 -t public
```

Huruf -S besar

f. Silahkan buka browser dan buka alamat → **http://localhost:8000** akan tampil seperti halaman berikut
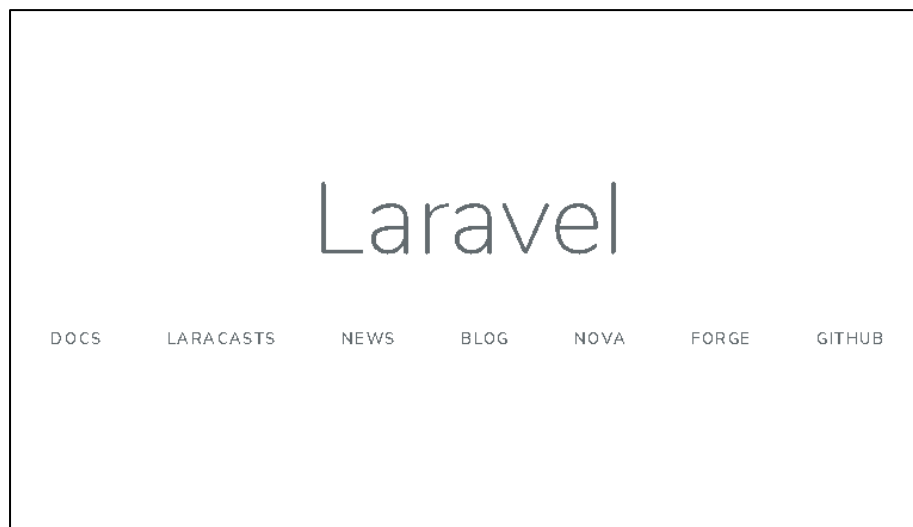
1. Tutut CMD yang sebelumnya dijalankan agar server berhenti
2. Buka file **D:\ukk-13291\.env** menggunakan text editor sublime atau lainnya

   Kemudian ubah konfigurasi sebagai berikut:

   ```
   APP_NAME=UKKsmk
   APP_ENV=local
   APP_KEY=base64:+LNQV8FRS4eedUztfG7hkw4ABbGGjZFo6a7V8o9cV1I=
   APP_DEBUG=true
   APP_URL=http://localhost:8000

   LOG_CHANNEL=stack

   DB_CONNECTION=mysql
   DB_HOST=127.0.0.1
   DB_PORT=3306
   DB_DATABASE=pembayarandb
   DB_USERNAME=root
   DB_PASSWORD=
   ```

3. Buka file **D:\ukk-13291\config\database.php** menggunakan text editor sublime, kemudian ubah script berikut ini:


   ```
   'charset' => 'utf8mb4',              'charset' => 'utf8',
   'collation' => 'utf8mb4_unicode_ci', 'collation' => 'utf8_unicode_ci',
   ```

1. Buka CMD Baru Masuk ke direktori : ukk-13291

```
Microsoft Windows [Vers
(c) 2017 Microsoft Corp

C:\Users\lenovo>d:

D:\>cd D:\ukk-13291

D:\ukk-13291>_
```

2. Install Package adminLte (PASTIKAN TERHUBUNG INTERNET), Kemudian ketik:
```
composer require jeroennoten/laravel-adminlte
```

```
D:\ukk-13291>composer require jeroennoten/laravel-adminlte
Using version ^3.1 for jeroennoten/laravel-adminlte
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 2 installs, 0 updates, 0 removals
  - Installing almasaeed2010/adminlte (v3.0.2): Downloading (100%)
  - Installing jeroennoten/laravel-adminlte (v3.1.0): Downloading (100%)
Writing lock file
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fideloper/proxy
Discovered Package: fruitcake/laravel-cors
Discovered Package: jeroennoten/laravel-adminlte
Discovered Package: laravel/tinker
Discovered Package: nesbot/carbon
Discovered Package: nunomaduro/collision
Package manifest generated successfully.

D:\ukk-13291>
```

3. Install package laravel UI. ketik:
```
composer require laravel/ui
```

```
D:\ukk-13291>composer require laravel/ui
Using version ^2.0 for laravel/ui
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 1 install, 0 updates, 0 removals
  - Installing laravel/ui (v2.0.1): Downloading (100%)
Writing lock file
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fideloper/proxy
Discovered Package: fruitcake/laravel-cors
Discovered Package: jeroennoten/laravel-adminlte
Discovered Package: laravel/tinker
Discovered Package: laravel/ui
Discovered Package: nesbot/carbon
Discovered Package: nunomaduro/collision
Package manifest generated successfully.
```

4. Install package AdminLTE pada laravel yang baru aja diinstall. Ketik perintah:
```
php artisan adminlte:install --type=full
```

```
D:\ukk-13291>php artisan adminlte:install --type=full
Basic Assets Installation complete.
Configuration Files installed successfully.
Translation files installed successfully.
Authentication views installed successfully.
Basic views installed successfully.
Basic routes installed successfully.
AdminLTE Installation complete.
```

5. Install plugin untuk daterangepicker. Ketik perintah CMD berikut (Ketik Satu Baris..):
```
php artisan adminlte:plugins install --plugin=daterangepicker
```

6. Konfigurasi AdminLTE. Buka File **D:\ukk-13291\config\adminlte.php** silahkan modifikasi kode yang dicetak **TEBAL** seperti berikut ini:

```
'title' => 'UKK SMK',
'title_postfix' => ' UKK SMK',
'logo' => '<b>UKK</b>SMK',

'plugins' => [
    [
        'name' => 'Datatables',
        .....
    ],
    [
        'name' => 'Select2',
        ....
    ],
    [
        'name' => 'Chartjs',
        ....
    ],
    [
        'name' => 'Sweetalert2',
        ....
    ],
    [
        'name' => 'Pace',
        ....
    ],
    [
        'name' => 'DateRangePicker',
        'active' => false,
        'files' => [
            [
                'type' => 'css',
                'asset' => false,
                'location' => '/vendor/daterangepicker/daterangepicker.css',
            ],
            [
                'type' => 'js',
                'asset' => false,
                'location' => '/vendor/daterangepicker/moment.min.js',
            ],
            [
                'type' => 'js',
                'asset' => false,
                'location' => '/vendor/daterangepicker/daterangepicker.js',
            ],
        ],
    ],
],
```

1. Buka CMD dan masuk ke folder project. Ketik perintah berikut untuk mengaktifkan fitur login

```
php artisan ui bootstrap -auth
```


2. Buka file : **D:\ukk-13291\database\migrations\xxx_xxx_xxx_create_users_table.php**

```php
public function up()
    {
        Schema::create('users', function (Blueprint
            $table->bigIncrements('id');
            $table->string('name');
            $table->string('email')->unique();
            $table->string('hak_akses');
            $table->timestamp('email_verified_at')->nullable();
            $table->string('password');
            $table->rememberToken();
            $table->timestamps();
        });
    }
```

Tambahkan hak_akses

3. Buka di CMD. Ketik perintah berikut untuk melakukan migrasi tabel user
```
php artisan migrate
```


Perintah diatas akan mengenerate tabel **users**, **password_resets, migrations dan failed_jobs**

4. Mengaktifkan **hak_akses** pada **model User** agar dapat diisi (fillable).
   Buka file: **D:\ukk-13291\app\User.php**

   > Tambahkan hak_akses

   ```
   protected $fillable = [
       'name', 'email', 'hak_akses', 'password',
   ];
   ```

5. Membuat user awal. User akan digunakan nanti untuk login
   Buka file : **D:\ukk-13291\database\seeds\DatabaseSeeder.php**

   ```php
   <?php

   use Illuminate\Database\Seeder;
   use App\User;

   class DatabaseSeeder extends Seeder
   {
       /**
        * Seed the application's database.
        *
        * @return void
        */
       public function run()
       {
           // $this->call(UsersTableSeeder::class);
           User::create([
               "name" => "Sopingi",
               "email" => "sopingi@udb.ac.id",
               "hak_akses" =>"administrator",
               "password" => Hash::make('admin')
           ]);

       }
   }
   ```

   > Panggil model User

   > User awal untuk administrator

6. Menjalankan seeder agar user yang sudah didefinisikan dapat terisi ke tabel users.
   Jalankan perintah berikut di CMD:

   ```
   php artisan db:seed
   ```

   ```
   D:\ukk-13291>php artisan db:seed
   Database seeding completed successfully.
   ```

7. Silahkan cek di phpmyadmin, tabel users sudah terisi

id	name	email	hak_akses	email_verified_at	password
1	Sopingi	sopingi@udb.ac.id	administrator	NULL	$2y$10$WJm4DAtWY0AfPmQ7pnhLQuSgyHQ1Xl3JW1ftn8Sa6cG...

8. Silahkan coba jalankan server kembali dengan perintah:

   ```
   php artisan serve
   ```

   Buka: http://localhost:8000 Kemudian silahkan coba login

LOGIN   REGISTER

Laravel

DOCS   LARACASTS   NEWS   BLOG   NOVA   FORGE   GITHUB

AdminLTE

Sign in to start your session

sopingi@udb.ac.id

•••••

User: sopingi@udb.ac.id
Pass: admin

☐ Remember Me   Sign In

I forgot my password

Register a new membership

← → C   ⓘ localhost:8000/home

▦ Apps   ⬤ Adding HTML Cont...   ◯ austinheap/laravel-...   ⬛ build.gradle - What'...   ◪ CAT Software

Ⓐ AdminLTE   ≡   search   Q

🗋 Pages   4   Dashboard

ACCOUNT SETTINGS   You are logged in!

👤 Profile

16

1. Membuat Tabel Kelas
   a. Buka cmd jalankan perintah berikut ini
      ```
      php artisan make:migration buat_tabel_kelas
      ```
      ```
      D:\ukk-13291>php artisan make:migration buat_tabel_kelas
      Created Migration: 2020_03_20_162728_buat_tabel_kelas
      ```

   b. Buka file **D:\ukk-13291\database\migrations\xxxx_xx_xx_xxxxxx_buat_tabel_kelas.php**
      sesuaikan scriptnya berikut ini

      ```php
      public function up()
      {
              Schema::create('kelas', function (Blueprint $table) {
                  $table->id();
                  $table->string('nama_kelas');
                  $table->string('kompetensi_keahlian');
                  $table->timestamps();
              });
      }

      public function down()
      {
              Schema::dropIfExists('kelas');
      }
      ```

   c. Simpan File yang diedit. Kemudian buka CMD jalankan perintah berikut ini agar proses
      membuat tabel berjalan
      ```
      php artisan migrate
      ```
      ```
      D:\ukk-13291>php artisan migrate
      Migrating: 2020_03_20_162728_buat_tabel_kelas
      Migrated:  2020_03_20_162728_buat_tabel_kelas (0.29 seconds)
      ```

   d. Otomatis di phpmyadmin akan ada tabel baru

Table ▲	Action
☐ failed_jobs	⭐ 🔳 Browse 📝
☐ kelas	⭐ 🔳 Browse 📝
☐ migrations	⭐ 🔳 Browse 📝
☐ password_resets	⭐ 🔳 Browse 📝
☐ users	⭐ 🔳 Browse 📝
5 tables	Sum

2. Membuat Tabel SPP
   a. Buka cmd jalankan perintah berikut ini
   ```
   php artisan make:migration buat_tabel_spp
   ```

   b. Buka file **D:\ukk-13291\database\migrations\xxxx_xx_xx_xxxxxx_buat_tabel_spp.php**
      sesuaikan scriptnya berikut ini

   ```
   public function up()
   {
           Schema::create('spps', function (Blueprint $table) {
               $table->id();
               $table->integer('tahun');
               $table->integer('nominal');
               $table->timestamps();
           });
   }

   public function down()
   {
           Schema::dropIfExists('spps');
   }
   ```

   > wajib belakangnya ada huruf S

   > wajib belakangnya ada huruf S

   c. Simpan File yang diedit. Kemudian buka CMD jalankan perintah berikut ini agar proses membuat tabel berjalan
   ```
   php artisan migrate
   ```

3. Membuat Tabel Siswa
   a. Buka cmd jalankan perintah berikut ini
   ```
   php artisan make:migration buat_tabel_siswa
   ```

   b. Buka file **D:\ukk-13291\database\migrations\xxxx_xx_xx_xxxxxx_buat_tabel_siswa.php**
      sesuaikan scriptnya berikut ini

   ```
   public function up()
   {
       Schema::create('siswas', function (Blueprint $table) {
           $table->string("nisn");
           $table->string("nis");
           $table->string("nama");
           $table->string("alamat");
           $table->string("no_telp");
           $table->bigInteger('id_kelas')->unsigned();
           $table->bigInteger('id_spp')->unsigned();
           $table->bigInteger('id_user')->unsigned();
           $table->timestamps();

           //menambahkan primary dan field unik
           $table->primary('nisn');
           $table->unique('id_user');
   ```

   > wajib belakangnya ada huruf S

```
        //menambahkan relasi
        $table->foreign('id_kelas')->references('id')->on('kelas');
        $table->foreign('id_spp')->references('id')->on('spps');
        $table->foreign('id_user')->references('id')->on('users');


    });
}

public function down()
{
        Schema::dropIfExists('siswas');
}
```

> wajib belakangnya ada huruf S

c. Simpan File yang diedit. Kemudian buka CMD jalankan perintah berikut ini agar proses membuat tabel berjalan
    `php artisan migrate`

4. Membuat Tabel Pembayaran
    a. Buka cmd jalankan perintah berikut ini
        `php artisan make:migration buat_tabel_pembayaran`
    b. Buka file **D:\ukk-13291\database\migrations\xxxx_xx_xx_xxxxxx_buat_tabel_pembayaran.php** sesuaikan scriptnya berikut ini

> wajib belakangnya ada huruf S

```
public function up()
{
    Schema::create('pembayarans', function (Blueprint $table) {
        $table->id();
        $table->dateTime('tgl_bayar', 0);
        $table->string('nisn');
        $table->bigInteger('id_spp')->unsigned();
        $table->bigInteger('id_user')->unsigned();
        $table->integer('jumlah_bayar');
        $table->timestamps();

        //menambahkan relasi
        $table->foreign('nisn')->references('nisn')->on('siswas');
        $table->foreign('id_spp')->references('id')->on('spps');
        $table->foreign('id_user')->references('id')->on('users');
    });
}

public function down()
{
        Schema::dropIfExists('pembayarans');
}
```

> wajib belakangnya ada huruf S

c. Simpan File yang diedit. Kemudian buka CMD jalankan perintah berikut ini agar proses membuat tabel berjalan
    `php artisan migrate`

Model memiliki fungsi menghubungkan dengan tabel yang ada di database. Bisa dikatakan sebuah model dapat mewakili sebuah tabel. berikut langkah-langkah membuat model:

1. Buat file di folder **D:/ukk-13291/app/Kelas.php.** ketik kode sebagai berikut:


```php
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class Kelas extends Model
{
    protected $fillable = [
        "nama_kelas",
        "kompetensi_keahlian"
    ];

}

?>
```

2. Buat file di folder **D:/ukk-13291/app/Spp.php.** ketik kode sebagai berikut:

```php
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class Spp extends Model
{
    protected $fillable = [
        "tahun",
        "nominal"
    ];

}

?>
```

3. Buat file di folder **D:/ukk-13291/app/Siswa.php.** ketik kode sebagai berikut:

```php
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class Siswa extends Model
{
    protected $fillable = [
        "nisn",
        "nis",
        "nama",
        "alamat",
        "no_telp"
    ];

}

?>
```

4. Buat file di folder **D:/ukk-13291/app/Pembayaran.php.** ketik kode sebagai berikut:

```php
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class Pembayaran extends Model
{
    protected $fillable = [
        "tgl_bayar",
        "jumlah_bayar"
    ];

}

?>
```

Controller adalah penghubung antara Model dan View yang mempunyai fungsi memanggil model untuk melakukan operasi tampil, tambah, ubah dan hapus kemudian hasilnya dapat ditampilkan ke dalam view. Berikut langkah-langkah membuat controller:

1. Membuat Kontroller Kelas.
    a. Jalankan perintah CMD berikut ini:
    ```
    php artisan make:controller KelasController --resource
    ```

    b. Buka file **D:/ukk-13291/app/Http/Controllers/KelasController.php,** sesuaikan kode sebagai berikut:

    ```php
    <?php

    namespace App\Http\Controllers;

    use Illuminate\Http\Request;
    use App\Kelas;

    class KelasController extends Controller
    {
        public function index()
        {
            //ambil data max 10
            $data = Kelas::paginate(10);

            //membuat variabel tampil yang diisi dengan data
            $tampil['data'] = $data;

            //tampilkan resources/views/kelas/index.blade.php beserta variabel tampil
            return view("kelas.index", $tampil);

        }

        public function create()
        {
            //tampilkan resources/views/kelas/create.blade.php
            return view("kelas.create");
        }


        public function store(Request $request)
        {
            //validasi inputan
            $this->validate($request, [
                'nama_kelas'    => 'required|unique:kelas',
                'kompetensi_keahlian'  => 'required'
            ]);

            $data = Kelas::create($request->all());
            return redirect()->route("kelas.index")->with(
                "success",
                "Data berhasil disimpan."
            );
        }
    ```

```php
        public function show($kela)
        {
            //
        }


        public function edit($kela)
        {
            $data = Kelas::findOrFail($kela);

            //tampilkan resources/views/kelas/edit.blade.php
            return view("kelas.edit", $data);

        }

        public function update(Request $request, $kela)
        {
            //validasi inputan
            $this->validate($request, [
                'nama_kelas' => 'required',
                'kompetensi_keahlian'  => 'required'
            ]);

            $data = Kelas::findOrFail($kela);
            $data->nama_kelas = $request->nama_kelas;
            $data->kompetensi_keahlian = $request->kompetensi_keahlian;
            $data->save();

            return redirect()->route("kelas.index")->with(
                "success",
                "Data berhasil diubah."
            );

        }


        public function destroy($kela)
        {
            $data = Kelas::findOrFail($kela);
            $data->delete();
        }
    }
```

2. Membuat Kontroller Spp
   a. Jalankan perintah CMD berikut ini
      ```
      php artisan make:controller SppController --resource
      ```
   b. Buka file **D:/ukk-13291/app/Http/Controllers/SppController.php,** sesuaikan kode sebagai berikut:

```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\Spp;

class SppController extends Controller
{

    public function index()
    {
        //ambil data max 10
        $data = Spp::paginate(10);
```

```php
        //membuat variabel tampil yang diisi dengan data
        $tampil['data'] = $data;

        //tampilkan resources/views/spp/index.blade.php beserta variabel tampil
        return view("spp.index", $tampil);
    }

public function create()
{
        //tampilkan resources/views/spp/create.blade.php
        return view("spp.create");
}

public function store(Request $request)
{
        //validasi inputan
        $this->validate($request, [
            'tahun'   => 'required|numeric|digits:4',
            'nominal' => 'required|numeric'
        ]);

        $data = Spp::create($request->all());
        return redirect()->route("spp.index")->with(
            "success",
            "Data berhasil disimpan."
        );
}


public function show($spp)
{
        //
}

public function edit($spp)
{
        $data = Spp::findOrFail($spp);

        //tampilkan resources/views/spp/edit.blade.php
        return view("spp.edit", $data);
}

public function update(Request $request, $spp)
{
        //validasi inputan
        $this->validate($request, [
            'tahun'   => 'required|numeric|digits:4',
            'nominal' => 'required|numeric'
        ]);

        $data = Spp::findOrFail($spp);
        $data->tahun = $request->tahun;
        $data->nominal = $request->nominal;
        $data->save();

        return redirect()->route("spp.index")->with(
            "success",
            "Data berhasil diubah."
        );
}
```

```php
        public function destroy($spp)
        {
            $data = Spp::findOrFail($spp);
            $data->delete();
        }
    }
```

3. Membuat Kontroller Siswa
    a. Jalankan perintah CMD berikut ini
       ```
       php artisan make:controller SiswaController --resource
       ```
    b. Buka file **D:/ukk-13291/app/Http/Controllers/SiswaController.php,** sesuaikan kode sebagai berikut:

```php
<?php
namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\User;
use App\Siswa;
use App\Kelas;
use App\Spp;
use Hash;

class SiswaController extends Controller
{

    public function index()
    {
        //ambil data max 10
        $data = Siswa::paginate(10);

        //membuat variabel tampil yang diisi dengan data
        foreach ($data as $item) {
            $item->kelas = Kelas::find($item->id_kelas);
            $item->spp = Spp::find($item->id_spp);
            $item->user = Siswa::find($item->id_user);
        }
        $tampil['data'] = $data;

        //tampilkan resources/views/siswa/index.blade.php beserta variabel tampil
        return view("siswa.index", $tampil);
    }

    public function create()
    {
        //tampilkan resources/views/siswa/create.blade.php
        $data['kelas'] = Kelas::get();
        $data['spp'] = Spp::get();
        return view("siswa.create",$data);
    }

    public function store(Request $request)
    {
        //validasi inputan
        $this->validate($request, [
            'nisn'     => 'required|unique:siswas',
            'nis'      => 'required|unique:siswas',
            'nama'     => 'required',
            'alamat'   => 'required',
            'no_telp'  => 'required',
            'id_kelas' => 'required',
            'id_spp'   => 'required',
            'email'    => 'required|email|unique:users',
            'password' => 'required',
        ]);
```

```php
        //enkripsi password
        $enkripsi = Hash::make($request->password);
        $request->merge(['password' => $enkripsi]);

        //isi name dengan nama
        $request->merge(['name' => $request->nama]);

        //isi hak_akses dengan 'siswa'
        $request->merge(['hak_akses' => "siswa"]);

        //buat data User
        $dataUser = User::create($request->all());

        //isi id_siswa
        $request->merge(['id_user' => $dataUser->id]);

        //buat data siswa
        $dataSiswa = Siswa::create($request->all());

        return redirect()->route("siswa.index")->with(
            "success",
            "Data berhasil disimpan."
        );
    }

public function show($siswa)
{
    //
}

public function edit($siswa)
{
    $data = Siswa::findOrFail($siswa);
    $data->kelas = Kelas::get();
    $data->spp = Spp::get();
    $data->user = User::find($data->id_user);

    //tampilkan resources/views/siswa/edit.blade.php
    return view("siswa.edit", $data);
}

public function update(Request $request, $siswa)
{
    //validasi inputan
    $this->validate($request, [
        'nis'      => 'required',
        'nama'     => 'required',
        'alamat'   => 'required',
        'no_telp'  => 'required',
        'id_kelas' => 'required',
        'id_spp'   => 'required',
        'email'    => 'required|email',
    ]);

    $dataSiswa = Siswa::findOrFail($siswa);
    $dataSiswa->nis = $request->nis;
    $dataSiswa->nama = $request->nama;
    $dataSiswa->alamat = $request->alamat;
    $dataSiswa->no_telp = $request->no_telp;
    $dataSiswa->id_kelas = $request->id_kelas;
    $dataSiswa->id_spp = $request->id_spp;
    $dataSiswa->save();

    $dataUser = User::findOrFail($dataSiswa->id_user);
    $dataUser->name = $request->nama;
    $dataUser->email = $request->email;
```

```php
        //jika password tidak kosong
        if ($request->password!="") {
            $enkripsi = Hash::make($request->password);
            $dataUser->password = $enkripsi;
        }
        $dataUser->save();

        return redirect()->route("siswa.index")->with(
            "success",
            "Data berhasil diubah."
        );
    }


    public function destroy($siswa)
    {
        $dataSiswa = Siswa::findOrFail($siswa);
        $dataSiswa->delete();

        $dataUser = User::findOrFail($dataSiswa->id_user);
        $dataUser->delete();
    }
}
```

4. Membuat Kontroller Petugas
   a. Jalankan perintah CMD berikut ini
      ```
      php artisan make:controller PetugasController --resource
      ```
   b. Buka file **D:/ukk-13291/app/Http/Controllers/PetugasController.php,** sesuaikan kode sebagai berikut:

```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\User;
use Hash;

class PetugasController extends Controller
{

    public function index()
    {
        //ambil data max 10
        $data = User::where("hak_akses","petugas")->paginate(10);
        $tampil['data'] = $data;

        //tampilkan resources/views/siswa/index.blade.php beserta variabel tampil
        return view("petugas.index", $tampil);
    }


    public function create()
    {
        //tampilkan resources/views/petugas/create.blade.php
        return view("petugas.create");
    }

    public function store(Request $request)
    {
        //validasi inputan
        $this->validate($request, [
            'name'     => 'required',
            'email'    => 'required|email|unique:users',
            'password' => 'required',
        ]);
```

```php
        //enkripsi password
        $enkripsi = Hash::make($request->password);
        $request->merge(['password' => $enkripsi]);

        //isi hak_akses dengan 'petugas'
        $request->merge(['hak_akses' => "petugas"]);

        $dataUser = User::create($request->all());

        return redirect()->route("petugas.index")->with(
            "success",
            "Data berhasil disimpan."
        );
    }


    public function show($petuga)
    {
        //
    }

    public function edit($petuga)
    {
        $data = User::findOrFail($petuga);
        //tampilkan resources/views/petugas/edit.blade.php
        return view("petugas.edit", $data);
    }

    public function update(Request $request, $petuga)
    {
        //validasi inputan
        $this->validate($request, [
            'name'   => 'required',
            'email'  => 'required|email',
        ]);

        $data = User::findOrFail($petuga);
        $data->name = $request->name;
        $data->email = $request->email;

        //jika password tidak kosong
        if ($request->password!="") {
            $enkripsi = Hash::make($request->password);
            $data->password = $enkripsi;
        }
        $data->save();

        return redirect()->route("petugas.index")->with(
            "success",
            "Data berhasil diubah."
        );
    }


    public function destroy($petuga)
    {
        $data = User::findOrFail($petuga);
        $data->delete();
    }
}
```

5. Membuat Kontroller Pembayaran
   a. Jalankan perintah CMD berikut ini
      ```
      php artisan make:controller PembayaranController --resource
      ```
   b. Buka file **D:/ukk-13291/app/Http/Controllers/PembayaranController.php,** sesuaikan kode sebagai berikut:

```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use Illuminate\Support\Facades\Auth;
use App\Pembayaran;
use App\Siswa;
use App\Spp;
use App\User;

class PembayaranController extends Controller
{

    public function index()
    {
        //ambil data max 10
        $data = Pembayaran::paginate(10);
        //membuat variabel tampil yang diisi dengan data
        foreach ($data as $item) {
            $item->siswa = Siswa::find($item->nisn);
            $item->spp = Spp::find($item->id_spp);
            $item->user = User::find($item->id_user);
        }
        $tampil['data'] = $data;

        //tampilkan resources/views/pembayaran/index.blade.php
        return view("pembayaran.index", $tampil);
    }


    public function create()
    {
        //tampilkan resources/views/siswa/create.blade.php
        $siswa = Siswa::get();
        foreach ($siswa as $item) {
            $spp = Spp::find($item->id_spp);
            $item->options = $item->nisn." ".$item->nama." | SPP ".$spp->tahun." - ".$spp->nominal;
        }
        $data['siswa'] = $siswa;
        return view("pembayaran.create",$data);
    }

    public function store(Request $request)
    {
        //ambil data spp
        $id_spp = Siswa::find($request->nisn)->id_spp;
        $spp = Spp::find($id_spp);

        //validasi inputan
        $this->validate($request, [
            'tgl_bayar' => 'required|date',
            'nisn' => 'required',
            'jumlah_bayar'  => 'required|lt:'.$spp->nominal,
        ]);

        //isi id_user dengan id user yang login
        $id_user = Auth::user()->id;
        $request->merge(['id_user' => $id_user ]);
```

```php
        //isi id_spp dengan id_spp milik siswa
        $id_spp = Siswa::find($request->nisn)->id_spp;
        $request->merge(['id_spp' => $id_spp ]);

        $data = Pembayaran::create($request->all());
        return redirect()->route("pembayaran.index")->with(
            "success",
            "Data berhasil disimpan."
        );
}

public function show($pembayaran)
{
    //
}

public function edit($pembayaran)
{
    $data = Pembayaran::findOrFail($pembayaran);
    $siswa = Siswa::get();
    foreach ($siswa as $item) {
        $spp = Spp::find($item->id_spp);
        $item->options = $item->nisn." ".$item->nama." | SPP ".$spp->tahun." - ".$spp->nominal;
    }
    $data->siswa = $siswa;

    //tampilkan resources/views/pembayaran/edit.blade.php
    return view("pembayaran.edit", $data);
}

public function update(Request $request, $pembayaran)
{
    //ambil data spp
    $id_spp = Siswa::find($request->nisn)->id_spp;
    $spp = Spp::find($id_spp);

    //validasi inputan
    $this->validate($request, [
        'tgl_bayar'    => 'required|date',
        'nisn'         => 'required',
        'jumlah_bayar'   => 'required|lt:'.$spp->nominal,
    ]);

    $data = Pembayaran::findOrFail($pembayaran);
    $data->nisn = $request->nisn;
    $data->tgl_bayar = $request->tgl_bayar;

    //isi id_spp dengan id_spp milik siswa
    $id_spp = Siswa::find($request->nisn)->id_spp;
    $data->id_spp = $id_spp;

    $data->jumlah_bayar = $request->jumlah_bayar;
    $data->save();

    return redirect()->route("pembayaran.index")->with(
        "success",
        "Data berhasil diubah."
    );
}

public function destroy($pembayaran)
{
    $data = Pembayaran::findOrFail($pembayaran);
    $data->delete();
}
```

```php
    public function history()
    {
        //cek user
        $user = Auth::user();

        if ($user->hak_akses=="siswa") {

            //ambil data berdasarkan nisn maksimal 10 data
            $siswa = Siswa::where("id_user",$user->id)->first();
            $nisn = $siswa->nisn;
            $data = Pembayaran::where("nisn",$nisn)->paginate(10);

        } else {

            //ambil data maksimal 10 data
            $data = Pembayaran::paginate(10);

        }


        //membuat variabel tampil yang diisi dengan data
        foreach ($data as $item) {
            $item->siswa = Siswa::find($item->nisn);
            $item->spp = Spp::find($item->id_spp);
            $item->user = User::find($item->id_user);
        }
        $tampil['data'] = $data;

        //tampilkan resources/views/pembayaran/history.blade.php beserta variabel tampil
        return view("pembayaran.history", $tampil);
    }

}
```

6. Membuat Kontroller Laporan
   a. Instalasi Package dompdf **(KONEKSI INTERNET)**. Jalankan perintah CMD berikut ini
      ```
      composer require barryvdh/laravel-dompdf
      ```
   b. Jalan Perintah CMD Berikut ini untuk membuat kontroller laporan
      ```
      php artisan make:controller LaporanController
      ```
   c. Buka file **D:/ukk-13291/app/Http/Controllers/LaporanController.php,** sesuaikan kode
      sebagai berikut:

```php
<?php
namespace App\Http\Controllers;

use Illuminate\Http\Request;
use PDF;
use App\Kelas;
use App\Spp;
use App\Siswa;
use App\User;
use App\Pembayaran;

class LaporanController extends Controller
{
    public function kelas(Request $request) {
        $data = Kelas::get();
        $tampil['data'] = $data;

        //ambil tampilan resources/views/kelas/pdf.blade.php
        $pdf = PDF::loadView("kelas.pdf", $tampil);

        return $pdf->download('Laporan_Kelas.pdf');
    }
```

```php
        public function spp(Request $request) {

            $data = Spp::get();
            $tampil['data'] = $data;

            //ambil tampilan resources/views/spp/pdf.blade.php
            $pdf = PDF::loadView("spp.pdf", $tampil);

            return $pdf->download('Laporan_SPP.pdf');

        }

        public function siswa(Request $request) {

            $data = Siswa::get();

            foreach ($data as $item) {
                $item->kelas = Kelas::find($item->id_kelas);
                $item->spp = Spp::find($item->id_spp);
                $item->user = Siswa::find($item->id_user);
            }

            $tampil['data'] = $data;

            //ambil tampilan resources/views/siswa/pdf.blade.php
            $pdf = PDF::loadView("siswa.pdf", $tampil);

            return $pdf->download('Laporan_Siswa.pdf');

        }

        public function petugas(Request $request) {

            $data = User::where("hak_akses","petugas")->get();
            $tampil['data'] = $data;

            //ambil tampilan resources/views/petugas/pdf.blade.php
            $pdf = PDF::loadView("petugas.pdf", $tampil);

            return $pdf->download('Laporan_Petugas.pdf');

        }

        public function pembayaran(Request $request) {

            $data = Pembayaran::get();

            foreach ($data as $item) {
                $item->siswa = Siswa::find($item->nisn);
                $item->spp = Spp::find($item->id_spp);
                $item->user = User::find($item->id_user);
            }

            $tampil['data'] = $data;

            //ambil tampilan resources/views/pembayaran/pdf.blade.php
            $pdf = PDF::loadView("pembayaran.pdf", $tampil);

            return $pdf->download('Laporan_Pembayaran.pdf');

        }

    }
```

Route merupakan jalur atau URL yang bisa diakses oleh browser. Route memiliki beberapa method untuk mengaksesnya yaitu method GET, POST, PUT dan DELETE.

Buka file : **D:\ukk-13291\routes\web.php.** Tambahkan paling bawah kode berikut ini

```
Route::group([ 'middleware' => 'auth' ], function () {

    Route::get('/', 'HomeController@index')->name('home');

    Route::resource('kelas', 'KelasController');
    Route::resource('spp', 'SppController');
    Route::resource('siswa', 'SiswaController');
    Route::resource('petugas', 'PetugasController');
    Route::resource('pembayaran', 'PembayaranController');
    Route::get('/history', 'PembayaranController@history');
    Route::get('/laporan', function () {
        return view('laporan');
    });

    route::get('/laporan/kelas', 'LaporanController@kelas');
    route::get('/laporan/spp', 'LaporanController@spp');
    route::get('/laporan/siswa', 'LaporanController@siswa');
    route::get('/laporan/petugas', 'LaporanController@petugas');
    route::get('/laporan/pembayaran', 'LaporanController@pembayaran');

});
```

> Route yang ada di dalam group middleware "auth" maka wajib login

View merupakan halaman front end yang akan menampilkan data dari controller.

1. Membuat folder gambar → **D:\ukk-13291\public\gambar** untuk menyimpan file gambar dan isikan gambar dengan nama berikut (*gambar contoh bisa dicopy dari folder di materi ini*).
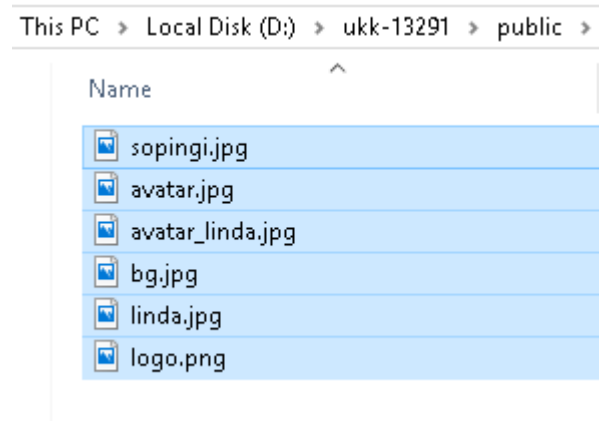
2. Modifikasi View Home → **D:\ukk-13291\resources\views\home.blade.php**

```
@extends('adminlte::page')

@section('title', 'Welcome')

@section('content')
    <div class="row">
        <div class="col-6">
            <div class="card">
            <div class="card card-widget widget-user">
              <div class="widget-user-header text-white" style="background: url('gambar/bg.jpg') center center; background-size:cover;">
                <h3 class="widget-user-username text-center">Sopingi</h3>
                <h5 class="widget-user-desc text-center">Universitas Duta Bangsa Surakarta</h5>
              </div>
```

```
                        <div class="widget-user-image">
                          <img class="img-circle" src="gambar/avatar.jpg">
                        </div>
                        <div class="card-footer">
                          <center><img src="gambar/sopingi.jpg" width="90%"></center>
                        </div>
                      </div>

                    </div>
                </div>
                <div class="col-6">
                    <div class="card">
                    <div class="card card-widget widget-user">
                      <div class="widget-user-header text-white" style="background: url('gambar/bg.jpg') center center; background-size:cover;">
                        <h3 class="widget-user-username text-center">Sri Sumarlinda</h3>
                        <h5 class="widget-user-desc text-center">Universitas Duta Bangsa Surakarta</h5>
                      </div>
                      <div class="widget-user-image">
                        <img class="img-circle" src="gambar/avatar_linda.jpg">
                      </div>
                      <div class="card-footer">
                        <center><img src="gambar/linda.jpg" width="90%"></center>
                      </div>
                    </div>

                    </div>
                </div>
            </div>
    @stop
```

3. Buat folder → **D:\ukk-13291\resources\views\kelas**
   a. Buat File → **D:\ukk-13291\resources\views\kelas\index.blade.php**

```
@extends('adminlte::page')

@section('title', 'Kelas')

@section('content_header')
    <h1 class="m-0 text-dark">Manajemen Kelas</h1>
@stop
```

```
@section('content')

    <div class="row">
        <div class="col-12">

            <div class="card">
                <div class="card-header">
                    <a class="btn btn-primary btn-md" href="{{ route('kelas.create') }}">
                        <i class="fa fa-plus"></i> Tambah
                    </a>
                </div>

                <div class="card-body">
                    <table class="table table-bordered">
                        <thead>
                            <tr>
                                <th style="width: 20px">#</th>
                                <th>Nama Kelas</th>
                                <th>Kompetensi Keahlian</th>
                                <th style="width: 10%">Aksi</th>
                            </tr>
                        </thead>
                        <tbody>
                            <?php $no=1;?>

                            @forelse($data as $item)
                            <tr>
                                <td>
                                    {{ $no }}
                                </td>
                                <td>
                                    {{ $item->nama_kelas }}
                                </td>
                                <td>
                                    {{ $item->kompetensi_keahlian }}
                                </td>
                                <td>
                                    <div class="btn-group">
                                        <a class="btn btn-success" href="{{ route('kelas.edit', ['kela' => $item->id]) }}">
                                            <i class="fas fa-pencil-alt"></i>
                                        </a>
                                        <a class="btn btn-primary" onclick="hapus('{{ $item->id }}')" href="#">
                                            <i class="fas fa-trash"></i>
                                        </a>
```

```blade
                                                </div>

                                            </td>
                                        </tr>
                                        <?php $no++;?>

                                        @empty
                                        <tr>
                                            <td colspan="4">
                                                Tidak ada data.
                                            </td>
                                        </tr>
                                        @endforelse
                                    </tbody>
                                </table>

                        </div

                        <div class="card-footer clearfix text-right">
                            {{ $data->links() }}
                        </div>

                    </div>

                </div>
            </div>

@stop

@section('plugins.Sweetalert2', true)
@section('plugins.Pace', true)

@section('js')
    @if (session('success'))
        <script type="text/javascript">
            Swal.fire(
                'Sukses!',
                '{{ session('success') }}',
                'success'
            )
        </script>
    @endif
```

3

```
<script type="text/javascript">
    function hapus(id){

        Swal.fire({
          title: 'Konfirmasi',
          text: "Yakin menghapus data ini?",
          icon: 'warning',
          showCancelButton: true,
          confirmButtonColor: '#3085d6',
          cancelButtonColor: '#dd3333',
          confirmButtonText: 'Hapus',
          cancelButtonText: 'Batal',
        }).then((result) => {
          if (result.value) {

            $.ajax({
                url: "/kelas/"+id,
                type: 'DELETE',
                data: {
                    '_token': $('meta[name=csrf-token]').attr("content"),
                },
                success: function(result) {
                    Swal.fire(
                            'Sukses!',
                            'Berhasil Hapus',
                            'success'
                    );
                    location.reload();
                }
            });

          }
        })
    }
</script>

@stop
```

b. Buat File → **D:\ukk-13291\resources\views\kelas\form.blade.php**

```
{{ csrf_field() }}

<div class="form-group">
    <label for="nama_kelas" class="col-sm-2 control-label">Nama Kelas</label>
    <div class="col-sm-10">
        <input type="text" name="nama_kelas" class="form-control" value="{{ $nama_kelas ?? ''  }}" >
    </div>
</div>

<div class="form-group">
    <label for="kompetensi_keahlian" class="col-sm-2 control-label">Kompetensi Keahlian</label>
    <div class="col-sm-10">
        <input type="text" name="kompetensi_keahlian" class="form-control" value="{{ $kompetensi_keahlian ?? '' }}" >
    </div>
</div>

<div class="form-group">
    <div class="col-sm-offset-2 col-sm-10">
        <input type="submit" class="btn btn-success btn-md" name="simpan" value="Simpan">
        <a href="{{ route('kelas.index') }}" class="btn btn-primary" role="button">Batal</a>
    </div>
</div>
```

c. Buat File → **D:\ukk-13291\resources\views\kelas\create.blade.php**

```
@extends('adminlte::page')

@section('title', 'Kelas')

@section('content_header')
    <h1 class="m-0 text-dark">Manajemen Kelas</h1>
@stop

@section('content')

    <div class="row">
        <div class="col-12">
```

```
@if ($errors->any())
<div class="alert alert-warning alert-dismissible">
    <button type="button" class="close" data-dismiss="alert" aria-hidden="true">×</button>
    <h4><i class="icon fa fa-warning"></i> Perhatian!</h4>
    <ul>
        @foreach ($errors->all() as $error)
            <li>{{ $error }}</li>
        @endforeach
    </ul>
</div>
@endif


<div class="card">
    <div class="card-header">
        Tambah Kelas
    </div>

    <div class="card-body">
        <form class="form-horizontal" action="{{ route('kelas.store') }}" method="post">
            @include('kelas.form')
        </form>
    </div>

</div>

    </div>
</div>

@stop

@section('plugins.Pace', true)
```

d. Buat File → **D:\ukk-13291\resources\views\kelas\edit.blade.php**

```php
@extends('adminlte::page')
@section('title', 'Kelas')
@section('content_header')
    <h1 class="m-0 text-dark">Manajemen Kelas</h1>
@stop

@section('content')

    <div class="row">
        <div class="col-12">

            @if ($errors->any())
            <div class="alert alert-warning alert-dismissible">
                <button type="button" class="close" data-dismiss="alert" aria-hidden="true">×</button>
                <h4><i class="icon fa fa-warning"></i> Perhatian!</h4>
                <ul>
                    @foreach ($errors->all() as $error)
                        <li>{{ $error }}</li>
                    @endforeach
                </ul>
            </div>
            @endif

            <div class="card">
                <div class="card-header">
                    Ubah Kelas
                </div>
                <div class="card-body">
                    <form class="form-horizontal" action="{{ route('kelas.update', ['kela' => $id]) }}" method="post">
                        @method('PUT')
                        @include('kelas.form')
                    </form>
                </div>
            </div>

        </div>
    </div>

@stop

@section('plugins.Pace', true)
```

e. Buat File → **D:\ukk-13291\resources\views\kelas\pdf.blade.php**

```html
<html>
    <head>
        <title>Laporan Kelas</title>
    </head>
    <style>
        @page {
            margin:10px;
        }
        body {
            margin: 10px;
        }
        table {
            border-collapse: collapse;
            width: 100%;
        }

        table tr th {
            border: 1px solid black;
            background: #c5c5c5;
            padding: 5px;
        }

        table tr td {
            border: 1px solid black;
            padding: 5px;
        }

    </style>
    <body>
        <h1 align="center">Laporan Kelas</h1>
        <br>
        <table>
            <thead>
                <tr>
                    <th width="20">No</th>
                    <th>Nama Kelas</th>
                    <th>Kompetensi Keahlian</th>
                </tr>
            </thead>
```

```
            <tbody>
                <?php $no=1;?>

                @foreach($data as $item)
                    <tr>
                        <td align="center">
                            {{ $no }}
                        </td>
                        <td>
                            {{ $item->nama_kelas }}
                        </td>
                        <td>
                            {{ $item->kompetensi_keahlian }}
                        </td>
                    </tr>
                <?php $no++;?>
                @endforeach

            </tbody>
        </table>
    </body>
</html>
```

4. Buat folder → **D:\ukk-13291\resources\views\spp**
   a. Buat File → **D:\ukk-13291\resources\views\spp\index.blade.php**

```
@extends('adminlte::page')

@section('title', 'SPP')

@section('content_header')
    <h1 class="m-0 text-dark">Manajemen SPP</h1>
@stop

@section('content')

    <div class="row">
        <div class="col-12">
```

```html
<div class="card">
    <div class="card-header">
        <a class="btn btn-primary btn-md" href="{{ route('spp.create') }}">
            <i class="fa fa-plus"></i> Tambah
        </a>
    </div>

    <div class="card-body">
        <table class="table table-bordered">
            <thead>
                <tr>
                    <th style="width: 20px">#</th>
                    <th>Tahun</th>
                    <th>Nominal</th>
                    <th style="width: 80px">Aksi</th>
                </tr>
            </thead>
            <tbody>
                <?php $no=1;?>

                @forelse($data as $item)
                <tr>
                    <td>
                        {{ $no }}
                    </td>
                    <td>
                        {{ $item->tahun }}
                    </td>
                    <td>
                        {{ $item->nominal }}
                    </td>
                    <td>
                        <div class="btn-group">
                            <a class="btn btn-success" href="{{ route('spp.edit', ['spp' => $item->id]) }}">
                                <i class="fas fa-pencil-alt"></i>
                            </a>
                            <a class="btn btn-primary" onclick="hapus('{{ $item->id }}')" href="#">
                                <i class="fas fa-trash"></i>
                            </a>

                        </div>

                    </td>
```

```
                        </tr>
                        <?php $no++;?>

                        @empty
                        <tr>
                            <td colspan="4">
                                Tidak ada data.
                            </td>
                        </tr>
                        @endforelse
                    </tbody>
                </table>

            </div>

            <div class="card-footer clearfix text-right">
                {{ $data->links() }}
            </div>

        </div>

    </div>
</div>

@stop

@section('plugins.Sweetalert2', true)
@section('plugins.Pace', true)

@section('js')
    @if (session('success'))
        <script type="text/javascript">
            Swal.fire(
                'Sukses!',
                '{{ session('success') }}',
                'success'
            )
        </script>
    @endif
```

```html
<script type="text/javascript">
    function hapus(id){

        Swal.fire({
          title: 'Konfirmasi',
          text: "Yakin menghapus data ini?",
          icon: 'warning',
          showCancelButton: true,
          confirmButtonColor: '#3085d6',
          cancelButtonColor: '#dd3333',
          confirmButtonText: 'Hapus',
          cancelButtonText: 'Batal',
        }).then((result) => {
          if (result.value) {

            $.ajax({
                url: "/spp/"+id,
                type: 'DELETE',
                data: {
                    '_token': $('meta[name=csrf-token]').attr("content"),
                },
                success: function(result) {
                    Swal.fire(
                            'Sukses!',
                            'Berhasil Hapus',
                            'success'
                    );
                    location.reload();
                }
            });

          }
        })
    }
</script>

@stop
```

b. Buat File → **D:\ukk-13291\resources\views\spp\form.blade.php**

```
{{ csrf_field() }}

<div class="form-group">
    <label for="tahun" class="col-sm-2 control-label">Tahun</label>
    <div class="col-sm-2">
        <input type="number" size="4" name="tahun" class="form-control" value="{{ $tahun ?? '' }}" >
    </div>
</div>

<div class="form-group">
    <label for="nominal" class="col-sm-2 control-label">Nominal</label>
    <div class="col-sm-5">
        <input type="number" name="nominal" class="form-control" value="{{ $nominal ?? '' }}">
    </div>
</div>

<div class="form-group">
    <div class="col-sm-offset-2 col-sm-10">
        <input type="submit" class="btn btn-success btn-md" name="simpan" value="Simpan">
        <a href="{{ route('spp.index') }}" class="btn btn-primary" role="button">Batal</a>
    </div>
</div>
```

c. Buat File → **D:\ukk-13291\resources\views\spp\create.blade.php**

```
@extends('adminlte::page')

@section('title', 'SPP')

@section('content_header')
    <h1 class="m-0 text-dark">Manajemen SPP</h1>
@stop

@section('content')

    <div class="row">
        <div class="col-12">
```

```
@if ($errors->any())
<div class="alert alert-warning alert-dismissible">
    <button type="button" class="close" data-dismiss="alert" aria-hidden="true">×</button>
    <h4><i class="icon fa fa-warning"></i> Perhatian!</h4>
    <ul>
        @foreach ($errors->all() as $error)
            <li>{{ $error }}</li>
        @endforeach
    </ul>
</div>
@endif


<div class="card">
    <div class="card-header">
        Tambah SPP
    </div>

    <div class="card-body">
        <form class="form-horizontal" action="{{ route('spp.store') }}" method="post">
            @include('spp.form')
        </form>
    </div>

</div>
        </div>
    </div>

@stop

@section('plugins.Pace', true)
```

d. Buat File → **D:\ukk-13291\resources\views\spp\edit.blade.php**

```
@extends('adminlte::page')

@section('title', 'SPP')

@section('content_header')
    <h1 class="m-0 text-dark">Manajemen SPP</h1>
@stop
```

```
@section('content')

    <div class="row">
        <div class="col-12">

            @if ($errors->any())
            <div class="alert alert-warning alert-dismissible">
                <button type="button" class="close" data-dismiss="alert" aria-hidden="true">×</button>
                <h4><i class="icon fa fa-warning"></i> Perhatian!</h4>
                <ul>
                    @foreach ($errors->all() as $error)
                        <li>{{ $error }}</li>
                    @endforeach
                </ul>
            </div>
            @endif


            <div class="card">
                <div class="card-header">
                    Ubah SPP
                </div>

                <div class="card-body">
                    <form class="form-horizontal" action="{{ route('spp.update', ['spp' => $id]) }}" method="post">
                        @method('PUT')
                        @include('spp.form')
                    </form>
                </div>

            </div>

        </div>
    </div>

@stop

@section('plugins.Pace', true)
```

e. Buat File → **D:\ukk-13291\resources\views\spp\pdf.blade.php**

```html
<html>
    <head>
        <title>Laporan SPP</title>
    </head>
    <style>
        @page {
            margin:10px;
        }
        body {
            margin: 10px;
        }
        table {
            border-collapse: collapse;
            width: 100%;
        }

        table tr th {
            border: 1px solid black;
            background: #c5c5c5;
            padding: 5px;
        }

        table tr td {
            border: 1px solid black;
            padding: 5px;
        }

    </style>
    <body>
        <h1 align="center">Laporan SPP</h1>
        <br>
        <table>
            <thead>
                <tr>
                    <th width="20">No</th>
                    <th>Tahun</th>
                    <th>Nominal</th>
                </tr>
            </thead>
```

```
        <tbody>

            <?php $no=1;?>

            @foreach($data as $item)
                <tr>
                    <td align="center">
                        {{ $no }}
                    </td>
                    <td>
                        {{ $item->tahun }}
                    </td>
                    <td>
                        {{ $item->nominal }}
                    </td>
                </tr>
            <?php $no++;?>

            @endforeach

        </tbody>
    </table>
</body>
</html>
```

5. Buat folder → **D:\ukk-13291\resources\views\siswa**
   a. Buat File → **D:\ukk-13291\resources\views\siswa\index.blade.php**

```
@extends('adminlte::page')

@section('title', 'Siswa')

@section('content_header')
    <h1 class="m-0 text-dark">Manajemen Siswa</h1>
@stop

@section('content')

    <div class="row">
        <div class="col-12">
```

```
<div class="card">
    <div class="card-header">
        <a class="btn btn-primary btn-md" href="{{ route('siswa.create') }}">
            <i class="fa fa-plus"></i> Tambah
        </a>
    </div>

    <div class="card-body">
        <table class="table table-bordered">
            <thead>
                <tr>
                    <th style="width: 20px">#</th>
                    <th>NIS</th>
                    <th>Nama</th>
                    <th>Kelas</th>
                    <th>SPP</th>
                    <th style="width: 80px">Aksi</th>
                </tr>
            </thead>
            <tbody>
                <?php $no=1;?>

                @forelse($data as $item)
                <tr>
                    <td>
                        {{ $no }}
                    </td>
                    <td>
                        {{ $item->nis }}
                    </td>
                    <td>
                        {{ $item->nama }}
                    </td>
                    <td>
                        {{ $item->kelas->nama_kelas }} - {{ $item->kelas->kompetensi_keahlian }}
                    </td>
                    <td>
                        {{ $item->spp->tahun }} - {{ $item->spp->nominal }}
                    </td>
```

```
                                <td>
                                    <div class="btn-group">
                                        <a class="btn btn-success" href="{{ route('siswa.edit', ['siswa'=>$item->nisn]) }}">
                                            <i class="fas fa-pencil-alt"></i>
                                        </a>
                                        <a class="btn btn-primary" onclick="hapus('{{ $item->nisn }}')" href="#">
                                            <i class="fas fa-trash"></i>
                                        </a>
                                    </div>
                                </td>
                            </tr>
                            <?php $no++;?>

                            @empty
                            <tr>
                                <td colspan="6">
                                    Tidak ada data.
                                </td>
                            </tr>
                            @endforelse
                        </tbody>
                    </table>

                </div>

                <div class="card-footer clearfix text-right">
                    {{ $data->links() }}
                </div>

            </div>
        </div>
    </div>

@stop

@section('plugins.Sweetalert2', true)
@section('plugins.Pace', true)

@section('js')
    @if (session('success'))
        <script type="text/javascript">
            Swal.fire(
                'Sukses!',
                '{{ session('success') }}',
```

```
                    'success'
                )
        </script>
    @endif

    <script type="text/javascript">
        function hapus(id){
            Swal.fire({
                title: 'Konfirmasi',
                text: "Yakin menghapus data ini?",
                icon: 'warning',
                showCancelButton: true,
                confirmButtonColor: '#3085d6',
                cancelButtonColor: '#dd3333',
                confirmButtonText: 'Hapus',
                cancelButtonText: 'Batal',
            }).then((result) => {
                if (result.value) {

                    $.ajax({
                        url: "/siswa/"+id,
                        type: 'DELETE',
                        data: {
                            '_token': $('meta[name=csrf-token]').attr("content"),
                        },
                        success: function(result) {
                            Swal.fire(
                                'Sukses!',
                                'Berhasil Hapus',
                                'success'
                            );
                            location.reload();
                        }
                    });

                }
            })
        }
    </script>

@stop
```

b. Buat File → **D:\ukk-13291\resources\views\siswa\form.blade.php**

```php
{{ csrf_field() }}

<div class="form-group">
    <label for="nisn" class="col-sm-2 control-label">NISN</label>
    <div class="col-sm-10">
        <input type="text" name="nisn" id="nisn" class="form-control" value="{{ $nisn ?? '' }}" >
    </div>
</div>

<div class="form-group">
    <label for="nis" class="col-sm-2 control-label">NIS</label>
    <div class="col-sm-10">
        <input type="text" name="nis" class="form-control" value="{{ $nis ?? '' }}" >
    </div>
</div>

<div class="form-group">
    <label for="nama" class="col-sm-2 control-label">Nama</label>
    <div class="col-sm-10">
        <input type="text" name="nama" class="form-control" value="{{ $nama ?? '' }}" >
    </div>
</div>

<div class="form-group">
    <label for="alamat" class="col-sm-2 control-label">Alamat</label>
    <div class="col-sm-10">
        <input type="text" name="alamat" class="form-control" value="{{ $alamat ?? '' }}" >
    </div>
</div>

<div class="form-group">
    <label for="no_telp" class="col-sm-2 control-label">No Telp</label>
    <div class="col-sm-10">
        <input type="text" name="no_telp" class="form-control" value="{{ $no_telp ?? '' }}" >
    </div>
</div>
```

```
<div class="form-group">
    <label for="email" class="col-sm-2 control-label">Email</label>
    <div class="col-sm-10">
        <input type="email" name="email" class="form-control" value="{{ $user->email ?? '' }}">
    </div>
</div>


<div class="form-group">
    <label for="password" class="col-sm-2 control-label">Password</label>
    <div class="col-sm-10">
        <input type="password" name="password" class="form-control" value="{{ $password ?? '' }}">
    </div>
</div>


<div class="form-group">
    <label for="id_kelas" class="col-sm-2 control-label">Kelas</label>
    <div class="col-sm-10">
        <select name="id_kelas" class="form-control">
            @foreach($kelas as $item)
              <option value="{{ $item->id }}" {{ ( ($id_kelas??'')==$item->id) ? 'selected' : '' }}>
                {{ $item->nama_kelas }} - {{ $item->kompetensi_keahlian }}
              </option>
            @endforeach
        </select>
    </div>
</div>


<div class="form-group">
    <label for="id_spp" class="col-sm-2 control-label">SPP</label>
    <div class="col-sm-10">
        <select name="id_spp" class="form-control">
            @foreach($spp as $item)
              <option value="{{ $item->id }}" {{ ( ($id_spp??'')==$item->id) ? 'selected' : '' }}>
                {{ $item->tahun }} - {{ $item->nominal }}
              </option>
            @endforeach
        </select>
    </div>
</div>
```

```
<div class="form-group">
    <div class="col-sm-offset-2 col-sm-10">
        <input type="submit" class="btn btn-success btn-md" name="simpan" value="Simpan">
        <a href="{{ route('siswa.index') }}" class="btn btn-primary" role="button">Batal</a>
    </div>
</div>
```

c. Buat File → **D:\ukk-13291\resources\views\siswa\create.blade.php**

```
@extends('adminlte::page')

@section('title', 'Siswa')

@section('content_header')
    <h1 class="m-0 text-dark">Manajemen Siswa</h1>
@stop

@section('content')

    <div class="row">
        <div class="col-12">

            @if ($errors->any())
            <div class="alert alert-warning alert-dismissible">
                <button type="button" class="close" data-dismiss="alert" aria-hidden="true">×</button>
                <h4><i class="icon fa fa-warning"></i> Perhatian!</h4>
                <ul>
                    @foreach ($errors->all() as $error)
                        <li>{{ $error }}</li>
                    @endforeach
                </ul>
            </div>
            @endif


            <div class="card">
                <div class="card-header">
                    Tambah Siswa
                </div>
```

```
                            <div class="card-body">
                                <form class="form-horizontal" action="{{ route('siswa.store') }}" method="post">
                                    @include('siswa.form')
                                </form>
                            </div>

                        </div>

                    </div>
                </div>

        @stop

        @section('plugins.Pace', true)
```

d. Buat File → **D:\ukk-13291\resources\views\siswa\edit.blade.php**

```
@extends('adminlte::page')

@section('title', 'Siswa')

@section('content_header')
    <h1 class="m-0 text-dark">Manajemen Siswa</h1>
@stop

@section('content')

    <div class="row">
        <div class="col-12">

            @if ($errors->any())
            <div class="alert alert-warning alert-dismissible">
                <button type="button" class="close" data-dismiss="alert" aria-hidden="true">×</button>
                <h4><i class="icon fa fa-warning"></i> Perhatian!</h4>
                <ul>
                    @foreach ($errors->all() as $error)
                        <li>{{ $error }}</li>
                    @endforeach
                </ul>
            </div>
            @endif
```

```
<div class="card">
    <div class="card-header">
        Ubah Siswa
    </div>

    <div class="card-body">
        <form class="form-horizontal" action="{{ route('siswa.update', ['siswa' => $nisn]) }}" method="post">
            @method('PUT')
            @include('siswa.form')
        </form>
    </div>

</div>

    </div>
</div>

@stop

@section('plugins.Pace', true)

@section('js')
    <script type="text/javascript">
        $("#nisn").prop('disabled', true);
    </script>
@stop
```

e. Buat File → **D:\ukk-13291\resources\views\siswa\pdf.blade.php**

```
<html>
    <head>
        <title>Laporan Siswa</title>
    </head>
    <style>
        @page {
            margin:10px;
        }
        body {
            margin: 10px;
        }
```

```
        table {
            border-collapse: collapse;
            width: 100%;
        }

        table tr th {
            border: 1px solid black;
            background: #c5c5c5;
            padding: 5px;
        }



        table tr td {
            border: 1px solid black;
            padding: 5px;
        }

    </style>
    <body>
        <h1 align="center">Laporan Siswa</h1>
        <br>
        <table>
            <thead>
                <tr>
                    <th width="20">No</th>
                    <th>NIS</th>
                    <th>Nama</th>
                    <th>Kelas</th>
                    <th>SPP</th>
                </tr>
            </thead>
            <tbody>

                <?php $no=1;?>

                @foreach($data as $item)
                    <tr>
                        <td align="center">
                            {{ $no }}
                        </td>
                        <td>
                            {{ $item->nis }}
                        </td>
```

```
                                    <td>
                                        {{ $item->nama }}
                                    </td>
                                    <td>
                                        {{ $item->kelas->nama_kelas }} <br> {{ $item->kelas->kompetensi_keahlian }}
                                    </td>
                                    <td>
                                        {{ $item->spp->tahun }} – {{ $item->spp->nominal }}
                                    </td>
                                </tr>
                            <?php $no++;?>

                            @endforeach

                        </tbody>
                    </table>
                </body>
            </html>
```

6. Buat folder → **D:\ukk-13291\resources\views\petugas**
   a. Buat File → **D:\ukk-13291\resources\views\petugas\index.blade.php**

```
@extends('adminlte::page')

@section('title', 'Petugas')

@section('content_header')
    <h1 class="m-0 text-dark">Manajemen Petugas</h1>
@stop

@section('content')

    <div class="row">
        <div class="col-12">

            <div class="card">
                <div class="card-header">
                    <a class="btn btn-primary btn-md" href="{{ route('petugas.create') }}">
                        <i class="fa fa-plus"></i> Tambah
                    </a>
                </div>
```

```html
<div class="card-body">
    <table class="table table-bordered">
        <thead>
            <tr>
                <th style="width: 20px">#</th>
                <th>Nama</th>
                <th>Email</th>
                <th style="width: 80px">Aksi</th>
            </tr>
        </thead>



        <tbody>
            <?php $no=1;?>

            @forelse($data as $item)
            <tr>
                <td>
                    {{ $no }}
                </td>
                <td>
                    {{ $item->name }}
                </td>
                <td>
                    {{ $item->email }}
                </td>
                <td>
                    <div class="btn-group">
                        <a class="btn btn-success" href="{{ route('petugas.edit', ['petuga'=>$item->id]) }}">
                            <i class="fas fa-pencil-alt"></i>
                        </a>
                        <a class="btn btn-primary" onclick="hapus('{{ $item->id }}')" href="#">
                            <i class="fas fa-trash"></i>
                        </a>
                    </div>

                </td>
            </tr>
            <?php $no++;?>

            @empty
            <tr>
                <td colspan="4">
```

```
                                    Tidak ada data.
                                </td>
                            </tr>
                        @endforelse
                    </tbody>
                </table>

            </div>

            <div class="card-footer clearfix text-right">
                {{ $data->links() }}
            </div>

        </div>

    </div>
</div>

@stop

@section('plugins.Sweetalert2', true)
@section('plugins.Pace', true)

@section('js')
    @if (session('success'))
        <script type="text/javascript">
            Swal.fire(
                'Sukses!',
                '{{ session('success') }}',
                'success'
            )
        </script>
    @endif

    <script type="text/javascript">
        function hapus(id){

            Swal.fire({
                title: 'Konfirmasi',
                text: "Yakin menghapus data ini?",
                icon: 'warning',
                showCancelButton: true,
                confirmButtonColor: '#3085d6',
                cancelButtonColor: '#dd3333',
```

```
                    confirmButtonText: 'Hapus',
                    cancelButtonText: 'Batal',
                }).then((result) => {
                    if (result.value) {

                        $.ajax({
                            url: "/petugas/"+id,
                            type: 'DELETE',
                            data: {
                                '_token': $('meta[name=csrf-token]').attr("content"),
                            },


                            success: function(result) {
                                Swal.fire(
                                        'Sukses!',
                                        'Berhasil Hapus',
                                        'success'
                                );
                                location.reload();
                            }
                        });

                    }
                })
            }
        </script>

    @stop
```

b. Buat File → **D:\ukk-13291\resources\views\petugas\form.blade.php**

```
{{ csrf_field() }}

<div class="form-group">
    <label for="name" class="col-sm-2 control-label">Nama</label>
    <div class="col-sm-10">
        <input type="text" name="name" class="form-control" value="{{ $name ?? '' }}" >
    </div>
</div>

<div class="form-group">
    <label for="email" class="col-sm-2 control-label">Email</label>
```

```
            <div class="col-sm-10">
                <input type="email" name="email" class="form-control" value="{{ $email ?? '' }}">
            </div>
        </div>

        <div class="form-group">
            <label for="password" class="col-sm-2 control-label">Password</label>
            <div class="col-sm-10">
                <input type="password" name="password" class="form-control" value="{{ $password ?? '' }}">
            </div>
        </div>


        <div class="form-group">
            <div class="col-sm-offset-2 col-sm-10">
                <input type="submit" class="btn btn-success btn-md" name="simpan" value="Simpan">
                <a href="{{ route('petugas.index') }}" class="btn btn-primary" role="button">Batal</a>
            </div>
        </div>
```

c. Buat File → **D:\ukk-13291\resources\views\petugas\create.blade.php**

```
@extends('adminlte::page')
@section('title', 'Petugas')

@section('content_header')
    <h1 class="m-0 text-dark">Manajemen Petugas</h1>
@stop

@section('content')

    <div class="row">
        <div class="col-12">

            @if ($errors->any())
            <div class="alert alert-warning alert-dismissible">
                <button type="button" class="close" data-dismiss="alert" aria-hidden="true">×</button>
                <h4><i class="icon fa fa-warning"></i> Perhatian!</h4>
                <ul>
                    @foreach ($errors->all() as $error)
                        <li>{{ $error }}</li>
                    @endforeach
                </ul>
```

```
                    </div>
                    @endif


                    <div class="card">
                        <div class="card-header">
                            Tambah Petugas
                        </div>

                        <div class="card-body">
                            <form class="form-horizontal" action="{{ route('petugas.store') }}" method="post">
                                @include('petugas.form')
                            </form>
                        </div>

                    </div>

                </div>
            </div>

    @stop

    @section('plugins.Pace', true)
```

d. Buat File → **D:\ukk-13291\resources\views\petugas\edit.blade.php**

```
@extends('adminlte::page')

@section('title', 'Petugas')

@section('content_header')
    <h1 class="m-0 text-dark">Manajemen Petugas</h1>
@stop

@section('content')

    <div class="row">
        <div class="col-12">

            @if ($errors->any())
            <div class="alert alert-warning alert-dismissible">
                <button type="button" class="close" data-dismiss="alert" aria-hidden="true">×</button>
                <h4><i class="icon fa fa-warning"></i> Perhatian!</h4>
```

```
        <ul>
            @foreach ($errors->all() as $error)
                <li>{{ $error }}</li>
            @endforeach
        </ul>
    </div>
    @endif




    <div class="card">
        <div class="card-header">
            Ubah Petugas
        </div>

        <div class="card-body">
            <form class="form-horizontal" action="{{ route('petugas.update', ['petuga' => $id]) }}" method="post">
                @method('PUT')
                @include('petugas.form')
            </form>
        </div>

    </div>

</div>
</div>

@stop

@section('plugins.Pace', true)

@section('js')
    <script type="text/javascript">
        $("#nisn").prop('disabled', true);
    </script>
@stop
```

e. Buat File → **D:\ukk-13291\resources\views\petugas\pdf.blade.php**

```html
<html>
    <head>
        <title>Laporan Petugas</title>
    </head>
    <style>
        @page {
            margin:10px;
        }
        body {
            margin: 10px;
        }

        table {
            border-collapse: collapse;
            width: 100%;
        }

        table tr th {
            border: 1px solid black;
            background: #c5c5c5;
            padding: 5px;
        }

        table tr td {
            border: 1px solid black;
            padding: 5px;
        }

    </style>

    <body>
        <h1 align="center">Laporan Petugas</h1>
        <br>
        <table>
            <thead>
                <tr>
                    <th width="20">No</th>
                    <th>Nama</th>
                    <th>Email</th>
                </tr>
            </thead>
```

```
<tbody>

    <?php $no=1;?>

    @foreach($data as $item)
        <tr>
            <td align="center">
                {{ $no }}
            </td>
            <td>
                {{ $item->name }}
            </td>
            <td>
                {{ $item->email }}
            </td>
        </tr>
    <?php $no++;?>

    @endforeach

</tbody>
</table>
</body>
</html>
```

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7. Buat folder → **D:\ukk-13291\resources\views\pembayaran**
   a. Buat File → **D:\ukk-13291\resources\views\pembayaran\index.blade.php**

```
@extends('adminlte::page')

@section('title', 'Pembayaran')

@section('content_header')
    <h1 class="m-0 text-dark">Manajemen Pembayaran</h1>
@stop

@section('content')

    <div class="row">
        <div class="col-12">

            <div class="card">
                <div class="card-header">
                    <a class="btn btn-primary btn-md" href="{{ route('pembayaran.create') }}">
                        <i class="fa fa-plus"></i> Tambah
                    </a>
                </div>

                <div class="card-body">
                    <table class="table table-bordered">
                        <thead>
                            <tr>
                                <th style="width: 20px">#</th>
                                <th>Tgl Bayar</th>
                                <th>Siswa</th>
                                <th>SPP</th>
                                <th>Jumlah</th>
                                <th>Petugas</th>
                                <th style="width: 80px">Aksi</th>
                            </tr>
                        </thead>
                        <tbody>
                            <?php $no=1;?>
                            @forelse($data as $item)
                            <tr>
                                <td>
                                    {{ $no }}
                                </td>
```

```
                                <td>
                                    {{ $item->tgl_bayar }}
                                </td>
                                <td>
                                    {{ $item->nisn }} - {{ $item->siswa->nama }}
                                </td>
                                <td>
                                    {{ $item->spp->tahun }} - {{ $item->spp->nominal }}
                                </td>
                                 <td>
                                    {{ $item->jumlah_bayar }}
                                </td>
                                <td>
                                    {{ $item->user->name }}
                                </td>
                                <td>
                                    <div class="btn-group">
                                        <a class="btn btn-success" href="{{ route('pembayaran.edit', ['pembayaran'=>$item->id]) }}">
                                            <i class="fas fa-pencil-alt"></i>
                                        </a>
                                        <a class="btn btn-primary" onclick="hapus('{{ $item->id }}')" href="#">
                                            <i class="fas fa-trash"></i>
                                        </a>


                                    </div>

                                </td>
                        </tr>
                        <?php $no++;?>


                        @empty
                        <tr>
                            <td colspan="7">
                                Tidak ada data.
                            </td>
                        </tr>
                        @endforelse
                    </tbody>
                </table>

            </div>
```

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```
                <div class="card-footer clearfix text-right">
                    {{ $data->links() }}
                </div>

            </div>

        </div>
    </div>

@stop

@section('plugins.Sweetalert2', true)
@section('plugins.Pace', true)

@section('js')
    @if (session('success'))
        <script type="text/javascript">
            Swal.fire(
                    'Sukses!',
                    '{{ session('success') }}',
                    'success'
                )
        </script>
    @endif

    <script type="text/javascript">
        function hapus(id){

            Swal.fire({

                title: 'Konfirmasi',
                text: "Yakin menghapus data ini?",
                icon: 'warning',
                showCancelButton: true,
                confirmButtonColor: '#3085d6',
                cancelButtonColor: '#dd3333',
                confirmButtonText: 'Hapus',
                cancelButtonText: 'Batal',

            }).then((result) => {

                if (result.value) {
```

```
                    $.ajax({
                        url: "/pembayaran/"+id,
                        type: 'DELETE',
                        data: {
                            '_token': $('meta[name=csrf-token]').attr("content"),
                        },
                        success: function(result) {
                            Swal.fire(
                                    'Sukses!',
                                    'Berhasil Hapus',
                                    'success'
                            );
                            location.reload();
                        }
                    });

                }
            })
        }
    </script>

@stop
```

b. Buat File → **D:\ukk-13291\resources\views\pembayaran\form.blade.php**

```
{{ csrf_field() }}

<div class="form-group">
    <label for="tgl_bayar" class="col-sm-2 control-label">Tanggal Bayar</label>
    <div class="col-sm-3">
        <input type="text" name="tgl_bayar" id="tgl_bayar"  class="form-control" value="{{ $tgl_bayar ?? '' }}" >
    </div>
</div>

<div class="form-group">
    <label for="id_kelas" class="col-sm-2 control-label">Siswa</label>
    <div class="col-sm-10">
        <select name="nisn" class="form-control">
            @foreach($siswa as $item)
             <option value="{{ $item->nisn }}" {{ ( ($nisn??'')==$item->nisn) ? 'selected' : '' }}>
                    {{ $item->options }}
             </option>
            @endforeach
```

```
            </select>
        </div>
    </div>

    <div class="form-group">
        <label for="jumlah_bayar" class="col-sm-2 control-label">Jumlah Bayar</label>
        <div class="col-sm-5">
            <input type="number" name="jumlah_bayar" class="form-control" value="{{ $jumlah_bayar ?? '' }}">
        </div>
    </div>

    <div class="form-group">
        <div class="col-sm-offset-2 col-sm-10">
            <input type="submit" class="btn btn-success btn-md" name="simpan" value="Simpan">
            <a href="{{ route('pembayaran.index') }}" class="btn btn-primary" role="button">Batal</a>
        </div>
    </div>
```

c. Buat File → **D:\ukk-13291\resources\views\pembayaran\create.blade.php**

```
@extends('adminlte::page')
@section('title', 'Pembayaran')
@section('content_header')
    <h1 class="m-0 text-dark">Manajemen Pembayaran</h1>
@stop

@section('content')

    <div class="row">
        <div class="col-12">

            @if ($errors->any())
            <div class="alert alert-warning alert-dismissible">
                <button type="button" class="close" data-dismiss="alert" aria-hidden="true">×</button>
                <h4><i class="icon fa fa-warning"></i> Perhatian!</h4>
                <ul>
                    @foreach ($errors->all() as $error)
                        <li>{{ $error }}</li>
                    @endforeach
                </ul>
            </div>
            @endif
```

```
<div class="card">
    <div class="card-header">
        Tambah Pembayaran
    </div>

    <div class="card-body">
        <form class="form-horizontal" action="{{ route('pembayaran.store') }}" method="post">
            @include('pembayaran.form')
        </form>
    </div>

</div>

</div>
</div>

@stop

@section('plugins.Pace', true)
@section('plugins.DateRangePicker', true)
@section('js')
    <script type="text/javascript">
        $("#tgl_bayar").daterangepicker({
            autoclose: true,
            todayBtn: true,
            timePicker: true,
            singleDatePicker: true,
            locale: {
                format: 'Y/MM/DD HH:mm:ss'
            }
        });
    </script>
@stop
```

d. Buat File → **D:\ukk-13291\resources\views\pembayaran\edit.blade.php**

```
@extends('adminlte::page')
@section('title', 'Pembayaran')
@section('content_header')
    <h1 class="m-0 text-dark">Manajemen Pembayaran</h1>
@stop


@section('content')
    <div class="row">
        <div class="col-12">

            @if ($errors->any())
            <div class="alert alert-warning alert-dismissible">
                <button type="button" class="close" data-dismiss="alert" aria-hidden="true">×</button>
                <h4><i class="icon fa fa-warning"></i> Perhatian!</h4>
                <ul>
                    @foreach ($errors->all() as $error)
                        <li>{{ $error }}</li>
                    @endforeach
                </ul>
            </div>
            @endif

            <div class="card">
                <div class="card-header">
                    Ubah Pembayaran
                </div>

                <div class="card-body">
                    <form class="form-horizontal" action="{{ route('pembayaran.update', ['pembayaran'= $id]) }}" method="post">
                        @method('PUT')
                        @include('pembayaran.form')
                    </form>
                </div>

            </div>

        </div>
    </div>

    @stop
```

```
@section('plugins.Pace', true)
@section('plugins.DateRangePicker', true)

@section('js')

    <script type="text/javascript">
        $("#tgl_bayar").daterangepicker({
            autoclose: true,
            todayBtn: true,
            timePicker: true,
            singleDatePicker: true,
            locale: {
              format: 'Y/MM/DD HH:mm:ss'
            }
        });
    </script>

@stop
```

e. Buat File → **D:\ukk-13291\resources\views\pembayaran\history.blade.php**

```
@extends('adminlte::page')

@section('title', 'History Pembayaran')

@section('content_header')
    <h1 class="m-0 text-dark">History Pembayaran</h1>
@stop

@section('content')

    <div class="row">
        <div class="col-12">

            <div class="card">

                <div class="card-body">
                    <table class="table table-bordered">
```

```
<thead>
    <tr>
        <th style="width: 20px">#</th>
        <th>Tgl Bayar</th>
        <th>Siswa</th>
        <th>SPP</th>
        <th>Jumlah</th>
        <th>Petugas</th>
    </tr>
</thead>
<tbody>
    <?php $no=1;?>

    @forelse($data as $item)
    <tr>
        <td>
            {{ $no }}
        </td>
        <td>
            {{ $item->tgl_bayar }}
        </td>
        <td>
            {{ $item->nisn }} - {{ $item->siswa->nama }}
        </td>
        <td>
            {{ $item->spp->tahun }} - {{ $item->spp->nominal }}
        </td>
         <td>
            {{ $item->jumlah_bayar }}
        </td>
        <td>
            {{ $item->user->name }}
        </td>
    </tr>
    <?php $no++;?>

    @empty
    <tr>
        <td colspan="6">
            Tidak ada data.
        </td>
    </tr>
    @endforelse
</tbody>
```

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```
                    </table>

                </div>


                <div class="card-footer clearfix text-right">
                    {{ $data->links() }}
                </div>

            </div>

        </div>
    </div>

    @stop

    @section('plugins.Pace', true)
```

f. Buat File → **D:\ukk-13291\resources\views\pembayaran\pdf.blade.php**

```
<html>
    <head>
        <title>Laporan Pembayaran</title>
    </head>
    <style>
        @page { margin:10px;   }
        body { margin: 10px; }
        table {
            border-collapse: collapse;
            width: 100%;
        }
        table tr th {
            border: 1px solid black;
            background: #c5c5c5;
            padding: 5px;
        }
        table tr td {
            border: 1px solid black;
            padding: 5px;
        }

    </style>
```

```
<body>
    <h1 align="center">Laporan Pembayaran</h1>
    <br>
    <table>
        <thead>
            <tr>
                <th width="20">No</th>
                <th>Tgl Bayar</th>
                <th>Siswa</th>
                <th>SPP</th>
                <th>Jumlah</th>
                <th>Petugas</th>
            </tr>
        </thead>
        <tbody>
            <?php $no=1; ?>
            @foreach($data as $item)
                <tr>
                    <td align="center">
                        {{ $no }}
                    </td>
                    <td>
                        {{ $item->tgl_bayar }}
                    </td>
                    <td>
                        {{ $item->nisn }}<br>{{ $item->siswa->nama }}
                    </td>
                    <td>
                        {{ $item->spp->tahun }}<br>{{ $item->spp->nominal }}
                    </td>
                     <td>
                        {{ $item->jumlah_bayar }}
                    </td>
                    <td>
                        {{ $item->user->name }}
                    </td>
                </tr>
            <?php $no++; ?>

            @endforeach
        </tbody>
    </table>
</body>
</html>
```

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8. Membuat Tampil Halaman laporan. Buat file → **D:\ukk-13291\resources\views\laporan.blade.php**

```
@extends('adminlte::page')
@section('title', 'Laporan')
@section('content_header')
    <h1 class="m-0 text-dark">Generate Laporan</h1>
@stop

@section('content')
    <div class="row">
        <div class="col-12">
            <div class="card">
                <div class="card-header">
                  <h3 class="card-title">Download Laporan Format PDF</h3>
                </div>
                <div class="card-body">
                  <a class="btn btn-app" href="/laporan/kelas">
                    <i class="fas fa-building"></i> Kelas PDF
                  </a>
                  <a class="btn btn-app" href="/laporan/spp">
                    <i class="fas fa-money-bill-alt"></i> SPP PDF
                  </a>
                  <a class="btn btn-app" href="/laporan/siswa">
                    <i class="fas fa-users"></i> Siswa PDF
                  </a>
                  <a class="btn btn-app" href="/laporan/petugas">
                    <i class="fas fa-user-tie"></i> Petugas PDF
                  </a>
                  <a class="btn btn-app" href="/laporan/pembayaran">
                    <i class="fas fa-cash-register"></i> Pembayaran PDF
                  </a>
                </div>
            </div>
        </div>
    </div>
@stop
```

1. Menghapus Menu Bawaan AdminLTE.
   Silahkan Buka File **D:\ukk-13291\config\adminlte.php** Kemudian silahkan dimodifikasi

```
'menu' => [],
```

menu dikosongkan

2. Membuat Service untuk menampilkan menu berdasarjan hak akses user
   Silahkan buka file **D:\ukk-13291\app\Providers\ AppServiceProvider.php** kemudian modifikasi

```php
<?php

namespace App\Providers;

use Illuminate\Support\ServiceProvider;

use Illuminate\Contracts\Events\Dispatcher;
use JeroenNoten\LaravelAdminLte\Events\BuildingMenu;
use Illuminate\Support\Facades\Auth;

class AppServiceProvider extends ServiceProvider
{

    public function register()
    {
        //
    }

    public function boot(Dispatcher $events)
    {
        $events->listen(BuildingMenu::class, function (BuildingMenu $event) {

            $hak_akses = Auth::user()->hak_akses;
            $event->menu->add('Hak Akses: '.strtoupper($hak_akses));
            $event->menu->add('MENU');

            if ($hak_akses=="administrator") {

                $event->menu->add(
                    [
                        'text' => 'Kelas',
                        'url'  => 'kelas',
                        'icon' => 'fas fa-fw fa-building'
                    ],
                    [
                        'text' => 'SPP',
                        'url'  => 'spp',
                        'icon' => 'fas fa-fw fa-money-bill-alt'
                    ],
                    [
                        'text' => 'Siswa',
                        'url'  => 'siswa',
                        'icon' => 'fas fa-fw fa-users'
                    ],
                    [
                        'text' => 'Petugas',
                        'url'  => 'petugas',
                        'icon' => 'fas fa-fw fa-user-tie'
                    ],
```

```php
                [
                    'text' => 'Pembayaran',
                    'url'  => 'pembayaran',
                    'icon' => 'fas fa-fw fa-cash-register'
                ],
                [
                    'text' => 'History Pembayaran',
                    'url'  => 'history',
                    'icon' => 'fas fa-fw fa-history'
                ],
                [
                    'text' => 'Laporan',
                    'url'  => 'laporan',
                    'icon' => 'fas fa-fw fa-file-pdf'
                ]
            );

        } else if ($hak_akses=="petugas") {

            $event->menu->add(
                [
                    'text' => 'Pembayaran',
                    'url'  => 'pembayaran',
                    'icon' => 'fas fa-fw fa-cash-register'
                ],
                [
                    'text' => 'History Pembayaran',
                    'url'  => 'history',
                    'icon' => 'fas fa-fw fa-history'
                ]
            );

        } else {
            $event->menu->add(
                [
                    'text' => 'History Pembayaran',
                    'url'  => 'history',
                    'icon' => 'fas fa-fw fa-history'
                ]
            );
        }

    });
    }

}
```
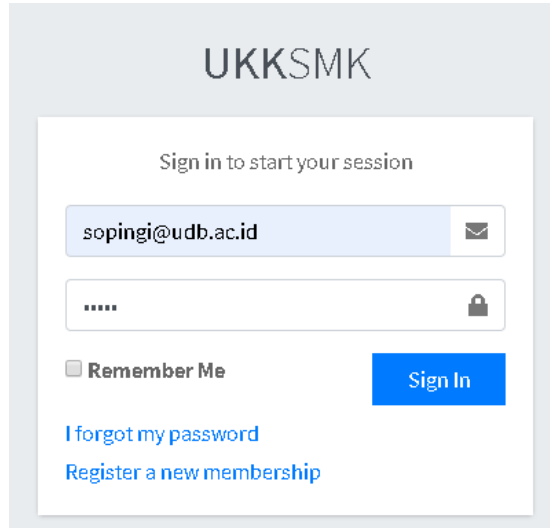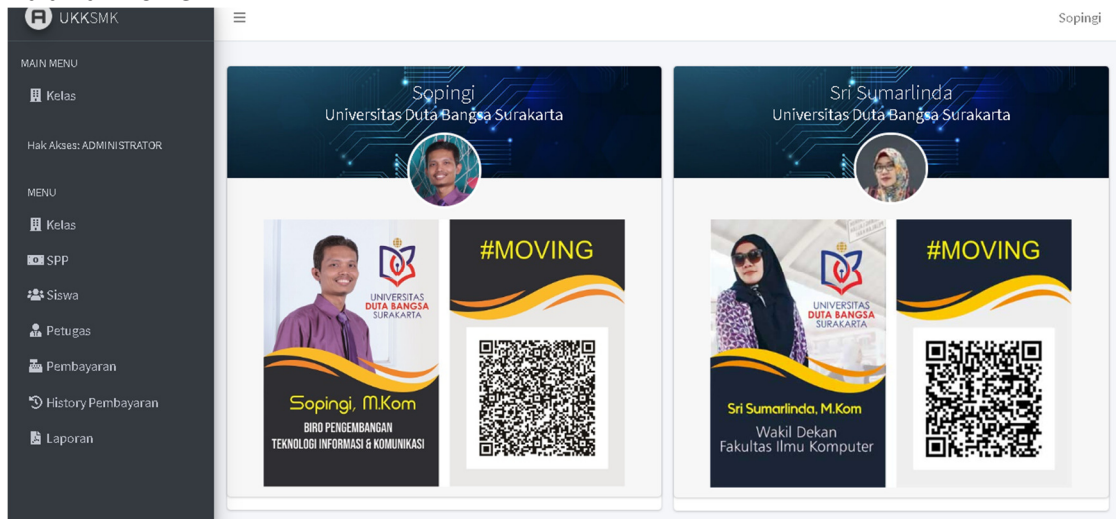
1. Setelah materi diatas selesai semua. Jalankan server dengan CMD

```
php arisan serve
```

2. Halaman Login

3. Halaman Home

4. Manajemen Kelas

Manajemen Kelas

Tambah Kelas

Nama Kelas

Kompetensi Keahlian

Simpan Batal

Manajemen Kelas

+ Tambah

#	Nama Kelas
1	XIII-RPL-1
2	XIII-RPL-2
3	XIII-RPL-3
4	XII-RPL-1

Sukses!

Data berhasil disimpan.

OK

Manajemen Kelas

+ Tambah

#	Nama Kelas
1	XIII-RPL-1
2	XIII-RPL-2
3	XIII-RPL-3
4	XII-RPL-1

Konfirmasi

Yakin menghapus data ini?

Hapus Batal

RPL - Rekayasa Perangkat Lunak

Sebagai gambaran aplikasi yang sudah berjalan silahkan kunjungi

http://sopingi.com/ukk2020