

Tugas PBW

Nama : Candli

NIM : 2018131019

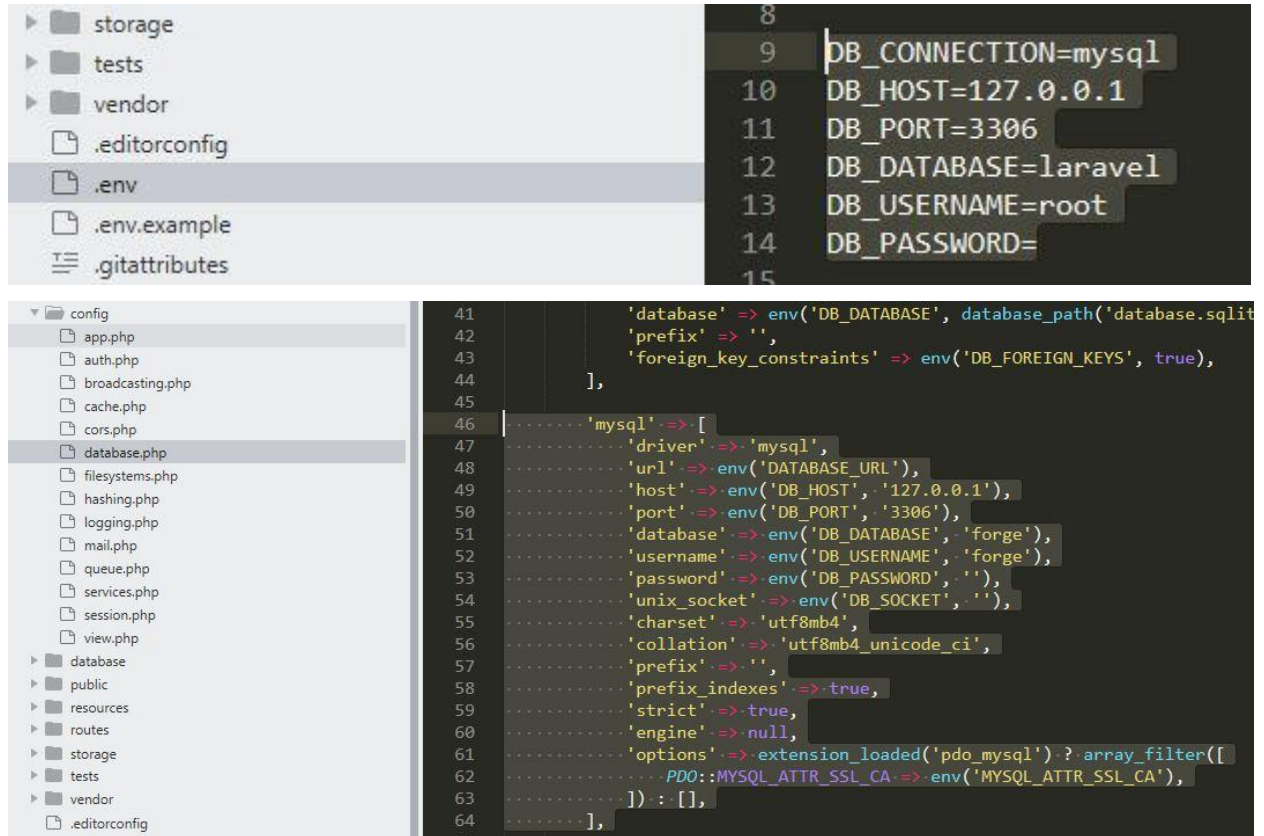
Prodi : Teknik Informatika

1. Buatlah sebuah project atau menggunakan project yang sudah ada.

```
MINGW64:/c:/xampp/htdocs

User1@DESKTOP-G6UHHBA MINGW64 /c:/xampp/htdocs
$ composer create-project --prefer-dist laravel/laravel latihan
Creating a "laravel/laravel" project at "./latihan"
```

2. Buat sebuah data base secara manual. Untuk mengisi data yang akan di input (table).
3. Atur penempatan database di laravel. (sesuaikan nama database nya)



The image shows two parts of a Laravel project setup. On the left, a file explorer displays the project structure, with the `.env` file highlighted. On the right, a code editor shows the contents of the `.env` file, where database connection details are configured. Below this, another code editor shows the `config/database.php` file, where the database driver and other settings are defined.

```
.env
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=laravel
DB_USERNAME=root
DB_PASSWORD=

config/database.php
'database' => env('DB_DATABASE', database_path('database.sqlite')),
'prefix' => '',
'foreign_key_constraints' => env('DB_FOREIGN_KEYS', true),
],
'mysql' => [
    'driver' => 'mysql',
    'url' => env('DATABASE_URL'),
    'host' => env('DB_HOST', '127.0.0.1'),
    'port' => env('DB_PORT', '3306'),
    'database' => env('DB_DATABASE', 'forge'),
    'username' => env('DB_USERNAME', 'forge'),
    'password' => env('DB_PASSWORD', ''),
    'unix_socket' => env('DB_SOCKET', ''),
    'charset' => 'utf8mb4',
    'collation' => 'utf8mb4_unicode_ci',
    'prefix' => '',
    'prefix_indexes' => true,
    'strict' => true,
    'engine' => null,
    'options' => extension_loaded('pdo_mysql') ? array_filter([
        PDO::MYSQL_ATTR_SSL_CA => env('MYSQL_ATTR_SSL_CA'),
    ]) : [],
],
```

4. Mencreate sebuah migrate. Untuk membuat table

```
C:\xampp\htdocs\latihan>php artisan make:migration create_idntitas_table
Created Migration: 2020_04_17_145741_create_idntitas_table
```

5. Setting isi migration

```

public function up()
{
    Schema::create('identitas', function (Blueprint $table) {
        $table->increments('id');
        $table->string('nama');
        $table->string('alamat');
        $table->string('pekerjaan');
        $table->integer('umur');
    });
}

```

6. Jalankan migrate dengan perintah “php artisan migrate”

```

C:\xampp\htdocs\latihan>php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table (0.03 seconds)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated: 2019_08_19_000000_create_failed_jobs_table (0.01 seconds)
Migrating: 2020_04_17_145741_create_identitas_table
Migrated: 2020_04_17_145741_create_identitas_table (0.01 seconds)

```

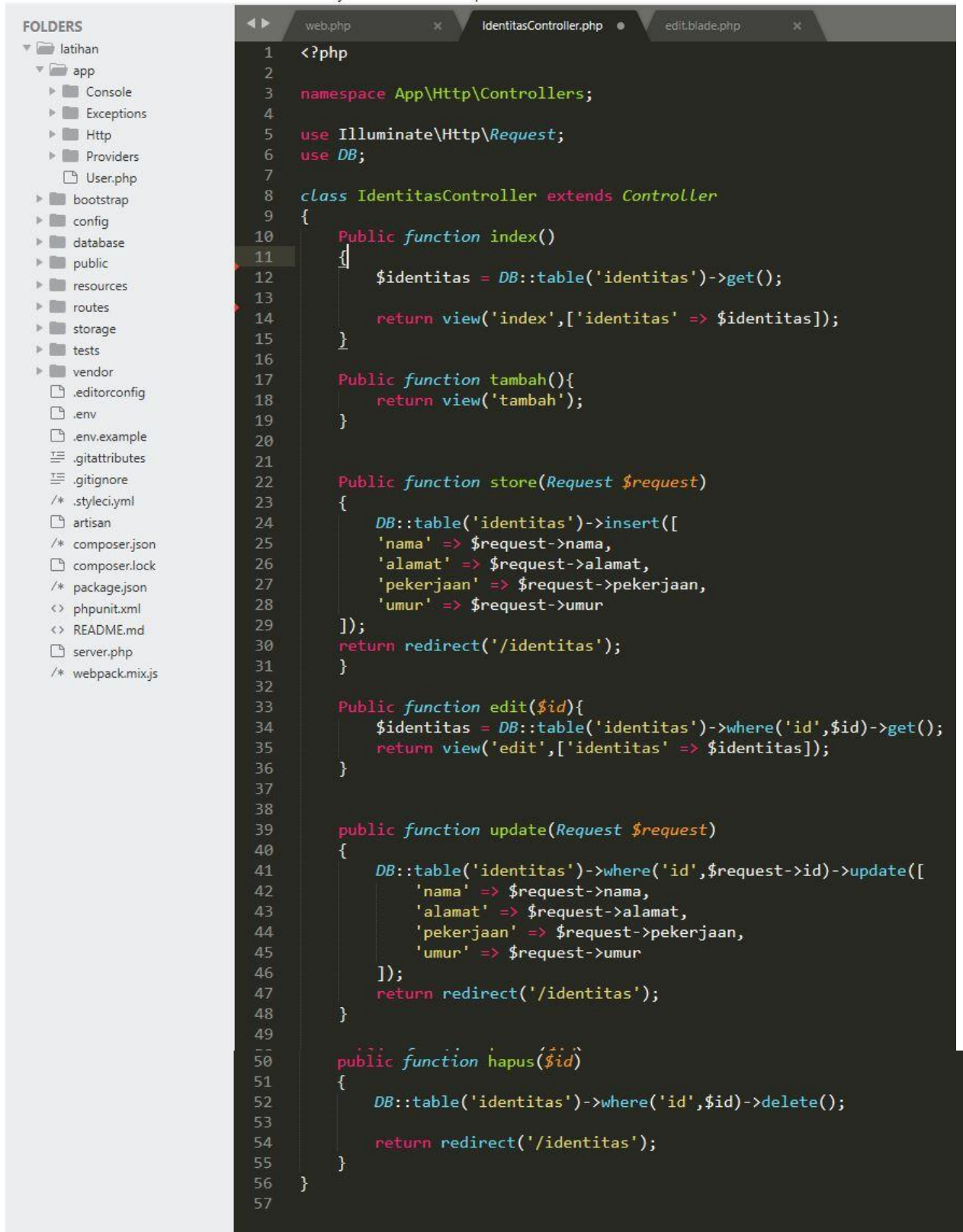
7. Membuat controller untuk project ini.

```

C:\xampp\htdocs\latihan>php artisan make:controller IdentitasController
Controller created successfully.

```

8. Set isi controller sesuai dengan perintah/command yang akan kita gunakan



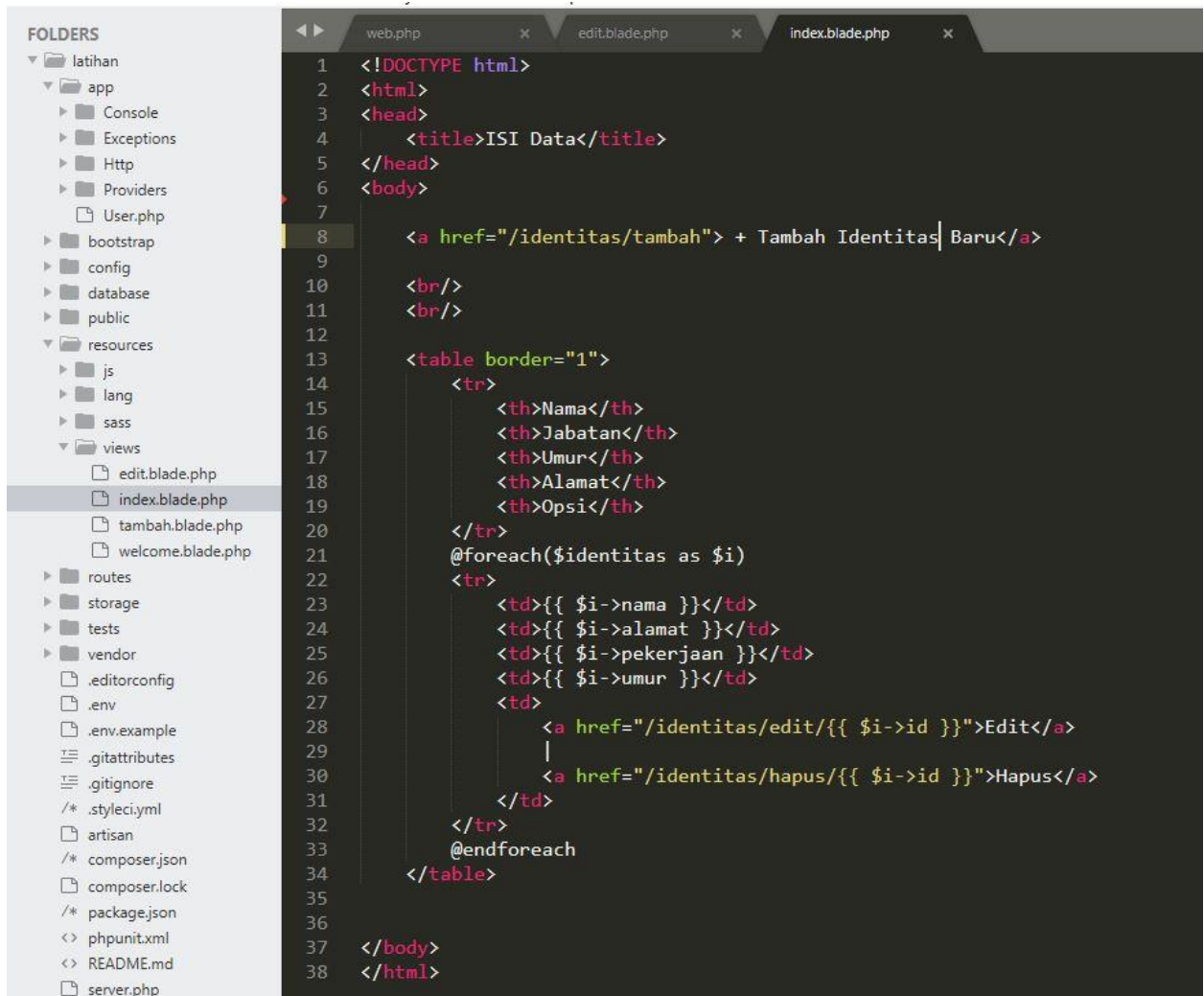
The image shows a code editor with two panes. The left pane displays the 'FOLDERS' section of a Laravel application, showing a directory tree starting with 'latihan' and 'app'. The right pane shows the code for 'IdentitasController.php'.

```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6 use DB;
7
8 class IdentitasController extends Controller
9 {
10     public function index()
11     {
12         $identitas = DB::table('identitas')->get();
13
14         return view('index', ['identitas' => $identitas]);
15     }
16
17     public function tambah(){
18         return view('tambah');
19     }
20
21
22     public function store(Request $request)
23     {
24         DB::table('identitas')->insert([
25             'nama' => $request->nama,
26             'alamat' => $request->alamat,
27             'pekerjaan' => $request->pekerjaan,
28             'umur' => $request->umur
29         ]);
30         return redirect('/identitas');
31     }
32
33     public function edit($id){
34         $identitas = DB::table('identitas')->where('id',$id)->get();
35         return view('edit',['identitas' => $identitas]);
36     }
37
38
39     public function update(Request $request)
40     {
41         DB::table('identitas')->where('id',$request->id)->update([
42             'nama' => $request->nama,
43             'alamat' => $request->alamat,
44             'pekerjaan' => $request->pekerjaan,
45             'umur' => $request->umur
46         ]);
47         return redirect('/identitas');
48     }
49
50     public function hapus($id)
51     {
52         DB::table('identitas')->where('id',$id)->delete();
53
54         return redirect('/identitas');
55     }
56 }
57
```

Setelah mengatur controller selanjutnya kita akan edit route

9. Edit route. Masukkan semua fungsi yang akan digunakan.

10. Buat form index sesuai dengan function.



11. Buat form tambah sesuai dengan index

12. Dan form terakhir adalah form edit

```
C:\xampp\htdocs\latihan>php artisan serve
Laravel development server started: http://127.0.0.1:8000
```

Tidak lupa kita jalankan perintah php artisan serve

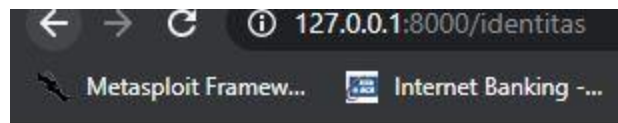
Setelah semua View, Controller, dan Route selesai di setting. Seharusnya kita telah berhasil

membuat sebuah CRUD yang sederhana.

Untuk fungsi Hapus kita tidak perlu membuat form(VIEW) khusus, cukup dengan perintah

di Controller dan Route saja

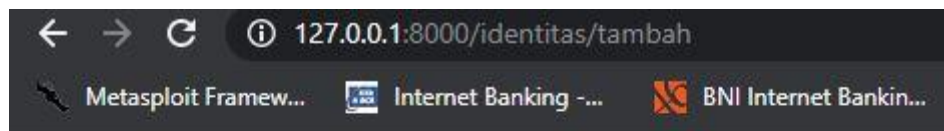
Page index



[+ Tambah Identitas Baru](#)

Nama	Jabatan	Umur	Alamat	Opsi
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Tambah data



Data Identitas

[Kembali](#)

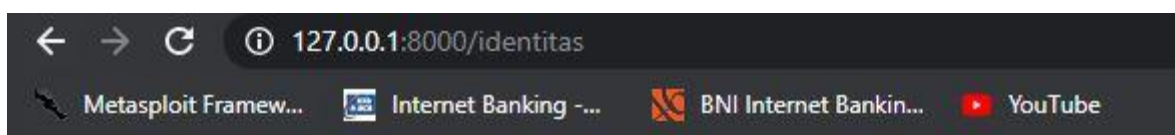
Nama

Alamat

Pekerjaan

Umur

Berhasil tambah



[+ Tambah Identitas Baru](#)

Nama	Jabatan	Umur	Alamat	Opsi
Candli	PENUIN PERMAI	Mahasiswa	19	Edit Hapus

Tampilan data di DB

☐ Show all | Number of rows: 25 ▼ Filter rows:

+ Options

	id	nama	alamat	pekerjaan	umur
<input type="checkbox"/>	3	Candli	PENUIN	Mahasiswa	19

Edit data

← → ↺ ⓘ 127.0.0.1:8000/identitas/edit/

Metasploit Framew... Internet Banking -...

EDIT DATA

[Kembali](#)

Nama

Alamat

Pekerjaan

Umur

Berhasil edit

← → ↺ ⓘ 127.0.0.1:8000/identitas

Metasploit Framew... Internet Banking -... BNI Internet B...

[+ Tambah Identitas Baru](#)

Nama	Jabatan	Umur	Alamat	Opsi
Candli	PENUIN PERMAI	Mahasiswa	20	Edit Hapus

Tampilan di DB


```
SELECT * FROM `identitas`
```

☐ Show all

Number of rows:

25

Filter rows:

Search this table

+ Options



id

nama

alamat

pekerjaan

umur



Edit



Copy



Delete

3

Candli

PENUIN

Mahasiswa

20



Check all

With selected:



Edit



Copy



Delete



Export

TERIMA KASIH