

Nama : Platonius Habun

Nim : 19101244

Kelas/Prodi : W/TI-MTI

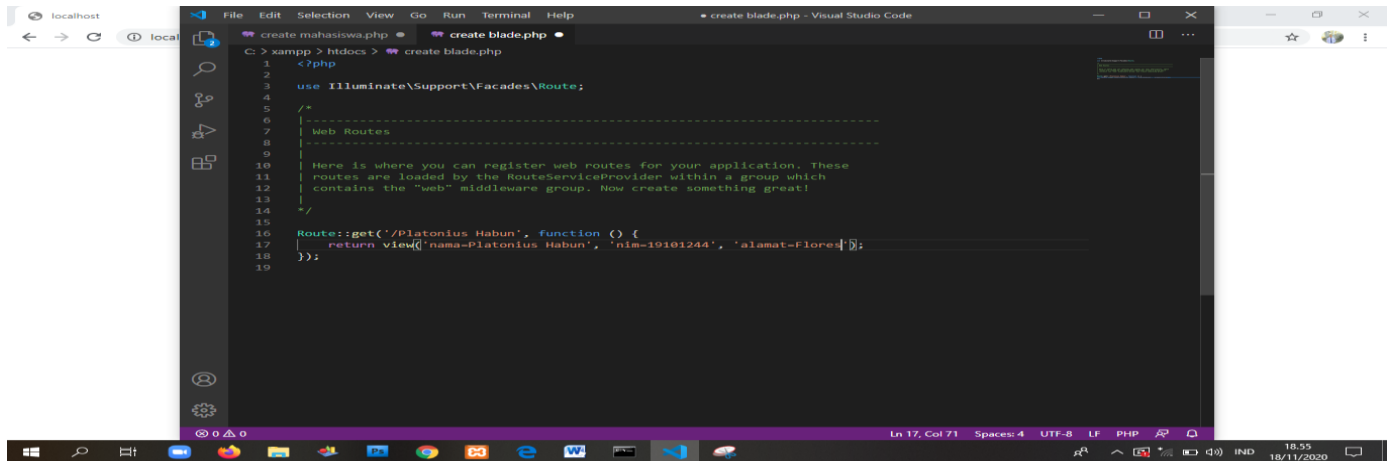
1. Membuat tabel Migration

1. Controller

```
create mahasiswa.php •
C: > xampp > htdocs > yanto > app > Http > Controllers > create mahasiswa.php
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Support\Schema;
6  use Illuminate\Database\Blueprint;
7  use Illuminate\Database\Migrations\Migration;
8
9  class CreateMahasiswaTable extends Migration
10 {
11     /**
12      * Run the Migrations.
13      *
14      * @return void
15      */
16     public function up()
17     {
18         Schema::create('mahasiswa', function (Blueprint $table) {
19             $table->increments('id');
20             $table->string('nama');
21             $table->integer('nim');
22             $table->text('alamat');
23             $table->timestamps();
24         });
25     }
}
```

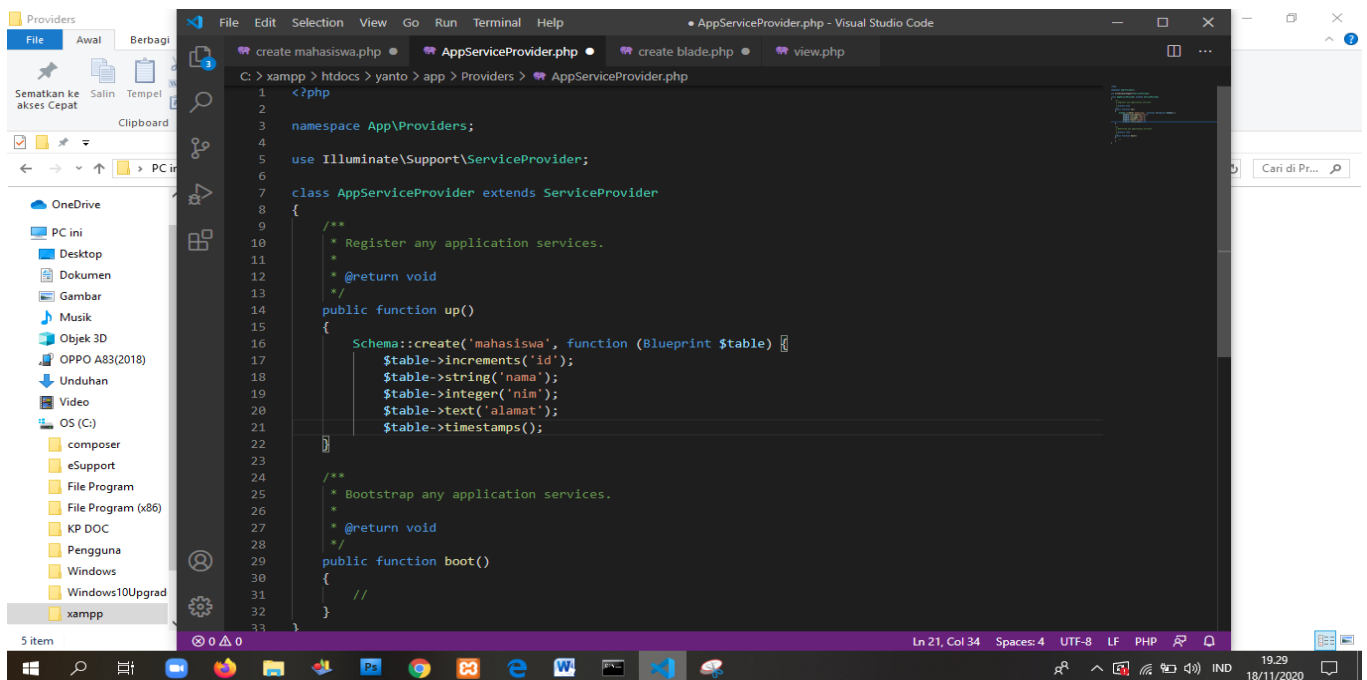
```
25     }
26     /**
27      * Reverse the Migrations.
28      *
29      * @return void
30      */
31     public function down()
32     {
33         Schema::dropIfExists('mahasiswa');
34     }
35
36
37 }
38
```

2. Route



```
1 <?php
2
3 use Illuminate\Support\Facades\Route;
4
5 /*
6 |-----
7 | Web Routes
8 |-----
9 |
10 | Here is where you can register web routes for your application. These
11 | routes are loaded by the RouteServiceProvider within a group which
12 | contains the "web" middleware group. Now create something great!
13 |
14 | */
15
16 Route::get('/Platonius Habun', function () {
17     return view('nama=Platonius Habun', ['nim=19101244', 'alamat=Flores']);
18 });
19
```

3. View



```
1 <?php
2
3 namespace App\Providers;
4
5 use Illuminate\Support\ServiceProvider;
6
7 class AppServiceProvider extends ServiceProvider
8 {
9     /**
10      * Register any application services.
11      *
12      * @return void
13      */
14     public function up()
15     {
16         Schema::create('mahasiswa', function (Blueprint $table) {
17             $table->increments('id');
18             $table->string('nama');
19             $table->integer('nim');
20             $table->text('alamat');
21             $table->timestamps();
22         });
23     }
24
25     /**
26      * Bootstrap any application services.
27      *
28      * @return void
29      */
30     public function boot()
31     {
32         //
33     }
34 }
```

4. Scrip view.blade

```
create mahasiswa.php • AppServiceProvider.php • welcome.blade.php X create blade.php • view.php
C: > xampp > htdocs > yanto > resources > views > welcome.blade.php
1 <!DOCTYPE html>
2 <html lang="{{ str_replace('_', '-', app()->getLocale()) }}">
3 <head>
4 <meta charset="utf-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1">
6
7 <title>Laravel</title>
8
9 <!-- Fonts -->
10 <link href="https://fonts.googleapis.com/css2?family=Nunito:wght@200;600&display=swap" rel="stylesheet">
11
12 <!-- Styles -->
13 <style>
14 <style>
15     html, body {
16         background-color: #fff;
17         color: #636b6f;
18         font-family: 'Nunito', sans-serif;
19         font-weight: 200;
20         height: 100vh;
21         margin: 0;
22     }
23
24     .full-height {
25         height: 100vh;
26     }
27
28     .flex-center {
29         align-items: center;
30         display: flex;
31         justify-content: center;
32     }
33
34     .position-ref {
35         position: relative;
36     }
37
38     .top-right {
39         position: absolute;
40         right: 10px;
41         top: 18px;
42     }
43
44     .content {
45         text-align: center;
46     }
47
48     .title {
49         font-size: 84px;
50     }
51
52     .links > a {
53         color: #636b6f;
54         padding: 0 25px;
55         font-size: 13px;
56         font-weight: 600;
57         letter-spacing: .1rem;
58         text-decoration: none;
59         text-transform: uppercase;
60     }
61
62     .m-b-md {
63         margin-bottom: 30px;
64     }
65 </style>
66 </head>
67 <body>
68 <div class="flex-center position-ref full-height">
69     @if (Route::has('login'))
70     <div class="top-right links">
71         @auth
72             <a href="{{ url('/home') }}">Home</a>
73         @else
74             <a href="{{ route('login') }}">Login</a>
75         @endif
76         @if (Route::has('register'))
77             <a href="{{ route('register') }}">Register</a>
78         @endif
79     </div>
80 @endif
81
82 <div class="content">
83     <div class="title m-b-md">
84         Laravel
85     </div>
86
```

```
31
32
33     .position-ref {
34         position: relative;
35     }
36
37     .top-right {
38         position: absolute;
39         right: 10px;
40         top: 18px;
41     }
42
43     .content {
44         text-align: center;
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47     .title {
48         font-size: 84px;
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57         text-decoration: none;
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59     }
60
```

```
61
62     .m-b-md {
63         margin-bottom: 30px;
64     }
65 </style>
66 </head>
67 <body>
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70     <div class="top-right links">
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74             <a href="{{ route('login') }}">Login</a>
75         @endif
76         @if (Route::has('register'))
77             <a href="{{ route('register') }}">Register</a>
78         @endif
79     </div>
80 @endif
81
82 <div class="content">
83     <div class="title m-b-md">
84         Laravel
85     </div>
86
```

```

87     <div class="links">
88         <a href="https://laravel.com/docs">Docs</a>
89         <a href="https://laracasts.com">Laracasts</a>
90         <a href="https://laravel-news.com">News</a>
91         <a href="https://blog.laravel.com">Blog</a>
92         <a href="https://nova.laravel.com">Nova</a>
93         <a href="https://forge.laravel.com">Forge</a>
94         <a href="https://vapor.laravel.com">Vapor</a>
95         <a href="https://github.com/laravel/laravel">GitHub</a>
96     </div>
97 </div>
98 </div>
99 </body>
100 </html>
101

```

5. Membuat Tabel Migration

The screenshot shows the phpMyAdmin interface for a database named 'biodata'. The table 'NAMA_MAHASISWA' is selected. The table structure is as follows:

Nama	Jenis	Panjang/Nilai	Bawaan	Penyortiran	Atribut	Tak Terindeks	Indeks
19101244	INT		Tidak ada				PRIMARY
LATONIUS_HABUN	VARCHAR	100	Tidak ada				
FLORES	VARCHAR	225	Tidak ada				

Below the table structure, there are fields for 'Komentar tabel:', 'Collation:', and 'Storage Engine:'. The 'Storage Engine' is set to 'InnoDB'. There is also a 'PARTITION definition:' section with fields for 'Partition by:' and 'Partitions:'.

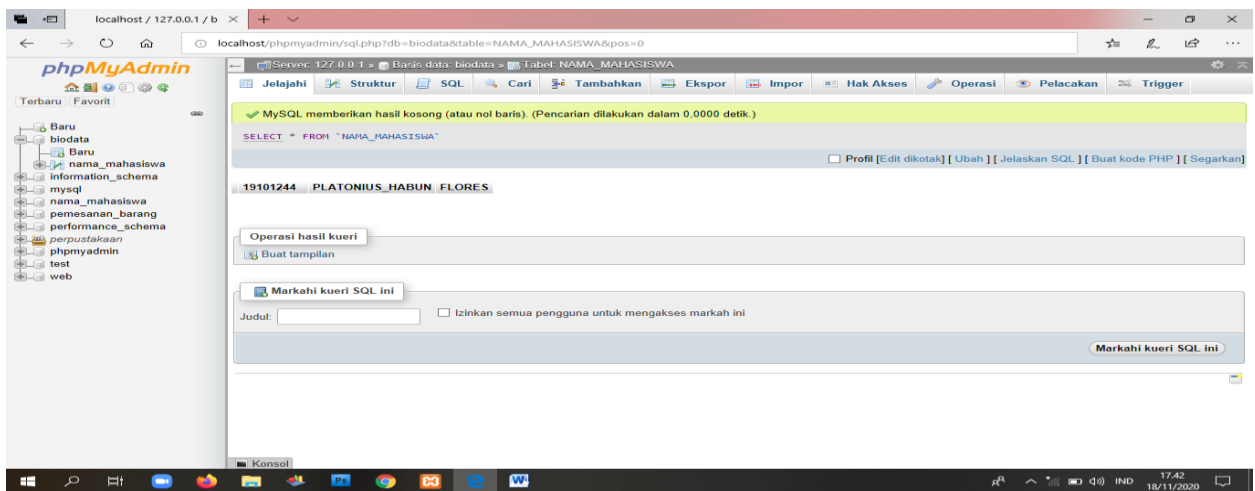
6. Membuat Migration Laravel

The screenshot shows the phpMyAdmin interface for the same database 'biodata'. The table 'NAMA_MAHASISWA' is selected. The table structure is as follows:

#	Nama	Jenis	Penyortiran	Atribut	Tak Terindeks	Bawaan	Komentar	Ekstra	Tindakan
1	19101244	int(11)			Tidak	Tidak ada			Ubah Hapus Lainnya
2	PLATONIUS_HABUN	varchar(100)	utf16_croatian_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
3	FLORES	varchar(225)	utf16_croatian_ci		Tidak	Tidak ada			Ubah Hapus Lainnya

Below the table structure, there are fields for 'Cetak', 'Usulkan struktur tabel', 'Lacak tabel', 'Move columns', and 'Normalisasi'. There is also a 'PARTITION definition:' section with fields for 'Partition by:' and 'Partitions:'.

7. Migration Laravel



2. Membuat Seeder

