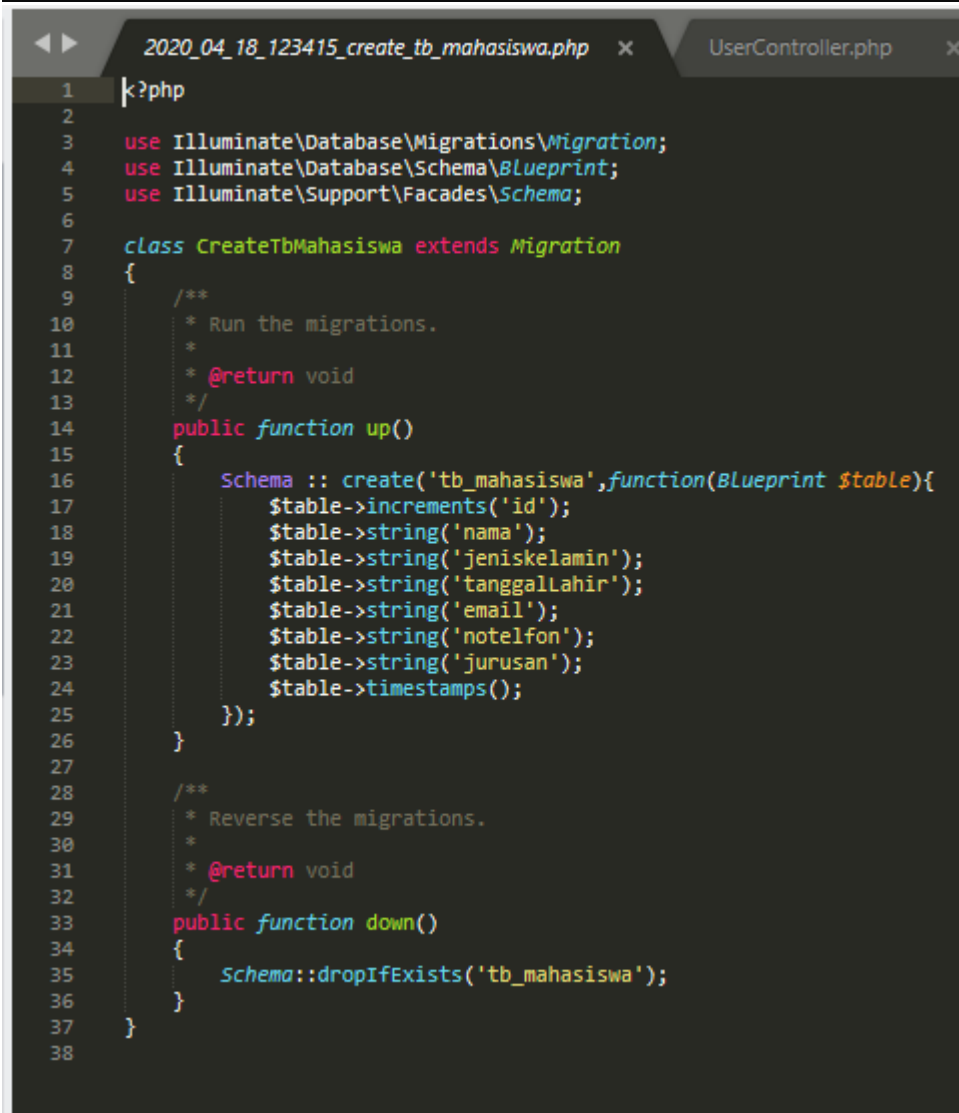


Langkah-langkah membuat db sampai menjadi CRUD

Robin sanjaya TIF 201813101

1. buat nama database secara manual di db anda
2. create table ketik seperti digambar anda di cmd dan buat struktur tabel anda

```
C:\xampp\htdocs\pbwlaravel>php artisan make:migration create_tb_mahasiswa
Created Migration: 2020_04_18_123415_create_tb_mahasiswa
```



```
1 k?php
2
3 use Illuminate\Database\Migrations\Migration;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Support\Facades\Schema;
6
7 class CreateTbMahasiswa extends Migration
8 {
9     /**
10      * Run the migrations.
11      *
12      * @return void
13      */
14     public function up()
15     {
16         Schema::create('tb_mahasiswa',function(Blueprint $table){
17             $table->increments('id');
18             $table->string('nama');
19             $table->string('jeniskelamin');
20             $table->string('tanggallahir');
21             $table->string('email');
22             $table->string('notelfon');
23             $table->string('jurusan');
24             $table->timestamps();
25         });
26     }
27
28     /**
29      * Reverse the migrations.
30      *
31      * @return void
32      */
33     public function down()
34     {
35         Schema::dropIfExists('tb_mahasiswa');
36     }
37 }
38
```

3. Buat tabel database menggunakan **php artisan migrate** Seperti Langkah-langkah berikut: agar table ini auto create di db anda

```
C:\xampp\htdocs\pbwlaravel>php artisan migrate
Migrating: 2020_04_18_090205_create_tb_data_mahasiswa
Migrated: 2020_04_18_090205_create_tb_data_mahasiswa (0.05 seconds)
Migrating: 2020_04_18_123415_create_tb_mahasiswa
Migrated: 2020_04_18_123415_create_tb_mahasiswa (0.04 seconds)
```

4. Ini adalah tampilan table yang sudah di generate anda pada saat migrate pada cmd.

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0012 seconds.)

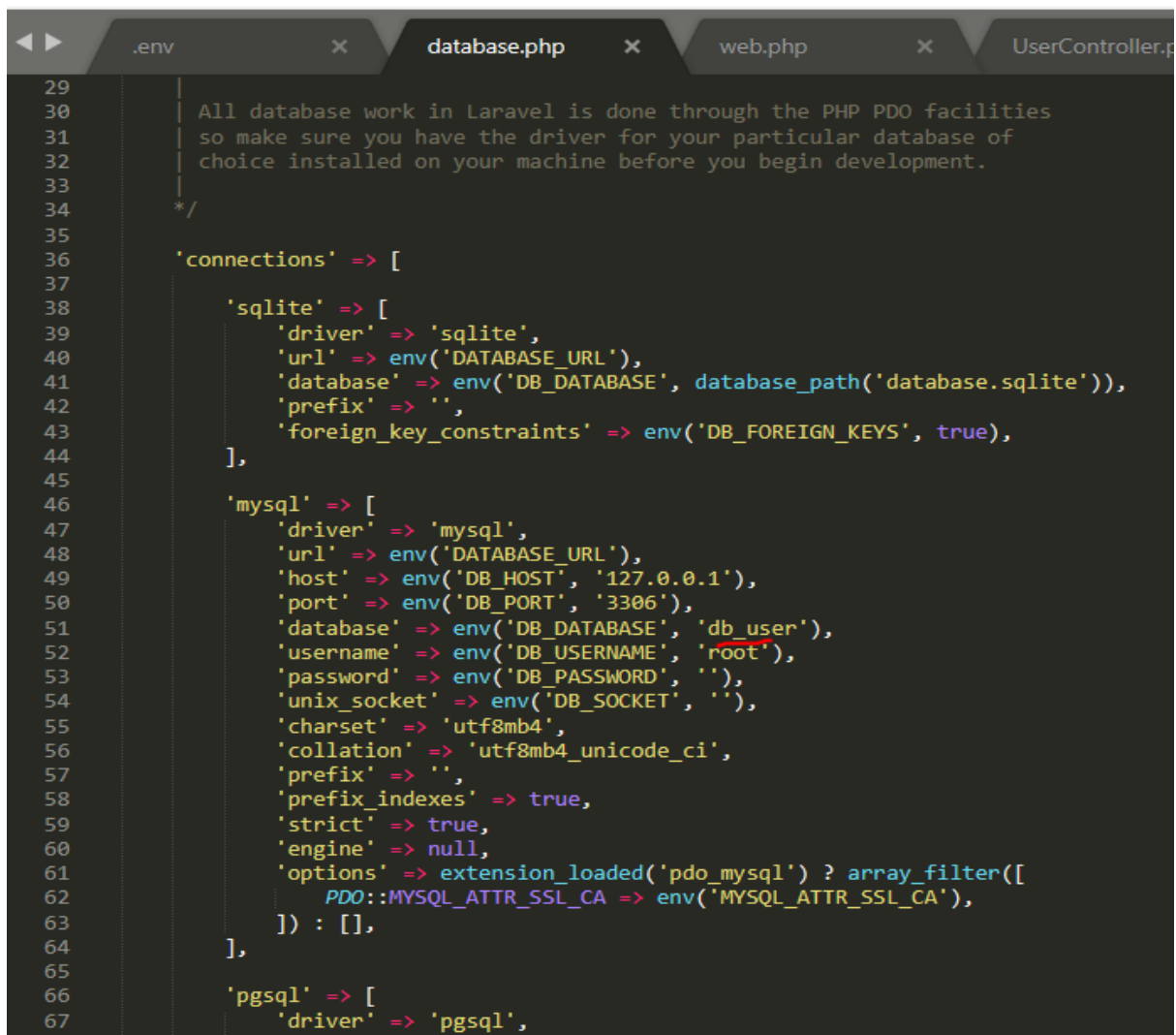
```
SELECT * FROM `tb_mahasiswa`
```

id	nama	jeniskelamin	tanggalLahir	email	notelfon	jurusan	created_at	updated_at
----	------	--------------	--------------	-------	----------	---------	------------	------------

5. sesuaikan dengan nama db anda pergi ke file .env untuk mengubah nama database nya
"DB_DATABASE" sisanya jika anda mau buat password bias membuat nya jika tidak kosongkan saja

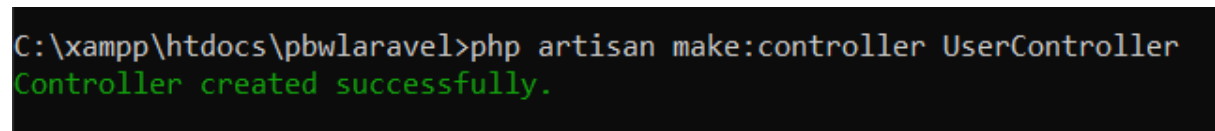
```
.env
1 APP_NAME=Laravel
2 APP_ENV=local
3 APP_KEY=base64:mK5Q+wM4phOJKQgbZ0dRf11zBnsFSI06LftDzoUYfnk=
4 APP_DEBUG=true
5 APP_URL=http://localhost
6
7 LOG_CHANNEL=stack
8
9 DB_CONNECTION=mysql
10 DB_HOST=127.0.0.1
11 DB_PORT=3306
12 DB_DATABASE=db_user
13 DB_USERNAME=root
14 DB_PASSWORD=
15
16 BROADCAST_DRIVER=log
17 CACHE_DRIVER=file
18 QUEUE_CONNECTION=sync
19 SESSION_DRIVER=file
20 SESSION_LIFETIME=120
21
22 REDIS_HOST=127.0.0.1
23 REDIS_PASSWORD=null
24 REDIS_PORT=6379
```

6. Terus ke folder database lalu ke database.php. Samakan isi nama database nya



```
29 |
30 | All database work in Laravel is done through the PHP PDO facilities
31 | so make sure you have the driver for your particular database of
32 | choice installed on your machine before you begin development.
33 |
34 | */
35 |
36 | 'connections' => [
37 |
38 |     'sqlite' => [
39 |         'driver' => 'sqlite',
40 |         'url' => env('DATABASE_URL'),
41 |         'database' => env('DB_DATABASE', database_path('database.sqlite')),
42 |         'prefix' => '',
43 |         'foreign_key_constraints' => env('DB_FOREIGN_KEYS', true),
44 |     ],
45 |
46 |     'mysql' => [
47 |         'driver' => 'mysql',
48 |         'url' => env('DATABASE_URL'),
49 |         'host' => env('DB_HOST', '127.0.0.1'),
50 |         'port' => env('DB_PORT', '3306'),
51 |         'database' => env('DB_DATABASE', 'db_user'),
52 |         'username' => env('DB_USERNAME', 'root'),
53 |         'password' => env('DB_PASSWORD', ''),
54 |         'unix_socket' => env('DB_SOCKET', ''),
55 |         'charset' => 'utf8mb4',
56 |         'collation' => 'utf8mb4_unicode_ci',
57 |         'prefix' => '',
58 |         'prefix_indexes' => true,
59 |         'strict' => true,
60 |         'engine' => null,
61 |         'options' => extension_loaded('pdo_mysql') ? array_filter([
62 |             PDO::MYSQL_ATTR_SSL_CA => env('MYSQL_ATTR_SSL_CA'),
63 |         ]) : [],
64 |     ],
65 |
66 |     'pgsql' => [
67 |         'driver' => 'pgsql',
```

5.controller create, ketik |php artisan make:controller ... “nama controller anda”



```
C:\xampp\htdocs\pbwlaravel>php artisan make:controller UserController
Controller created successfully.
```

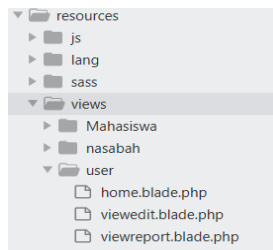
6. Buat sebuah function pada web.php, pergi ke folder **Route|web.php**, buat lah function CRUD anda

```
web.php x UserController.php x home.blade.php x viewedit.bl
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('/', function () {
17     return view('user/home');
18 });
19
20 //Route::get('dashboard', function () {
21 | //return view ('nasabah.dashboard');
22 //});
23
24 Route::get('pages', function () {
25     return view ('pages');
26 });
27
28 Route::resource('nasabah', 'PagesController');
29
30
31
32 route::get('/viewreport', 'UserController@viewreport');
33
34 route::get('/viewreport/home', 'UserController@home');
35 route::post('/viewreport/tambah', 'UserController@tambah');
36
37 route::get('/viewreport/viewedit/{id}', 'UserController@viewedit');
38 route::post('/viewreport/update', 'UserController@update');
39
40 route::get('/viewreport/delete/{id}', 'UserController@delete');
41
```

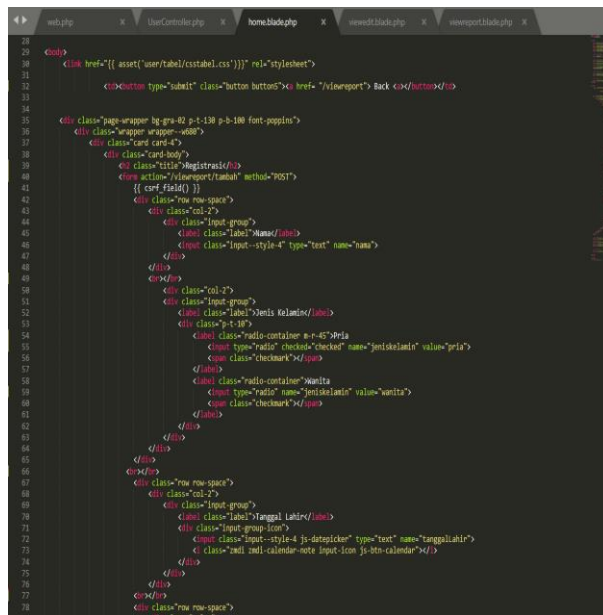
7. ketik di cmd php artisan **key:generate**

```
C:\xampp\htdocs\pbwlaravel>php artisan key:generate
Application key set successfully.
```

8. pastikan anda sudah memiliki blade yaitu untuk bagian UI template tampilannya CRUD Anda.



10. pastikan isi blade anda sesuai kolom yang ada di table anda dan href arahkan juga kemana jika di saat click



11. isi function di controller anda seperti edit insert update agar dpat berfungsi

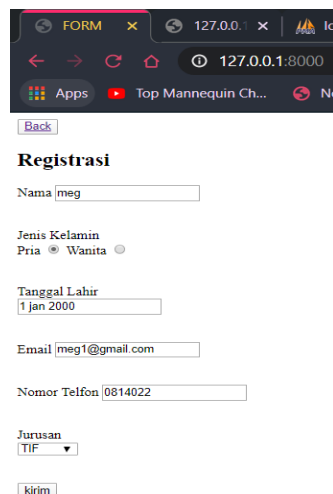


12. setelah itu ketik **php artisan serve** pada cmd untuk menjalankan nya

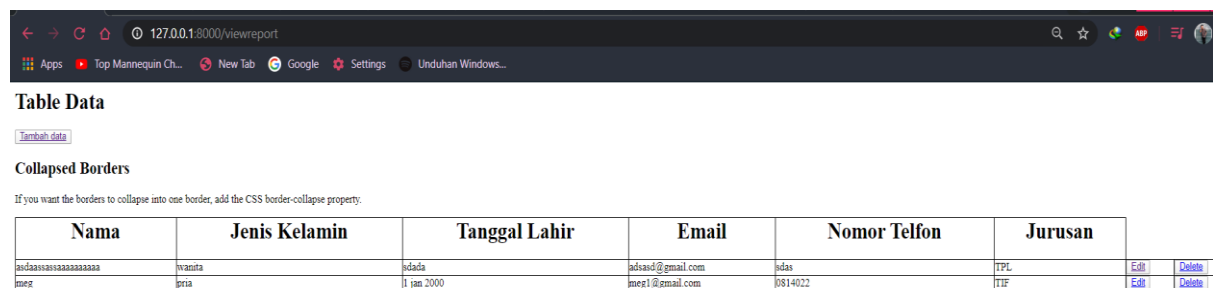
```
C:\xampp\htdocs\pbwlaravel>php artisan serve
Laravel development server started: http://127.0.0.1:8000
```

13. setelah itu copy 127.0.0.1:8000 buka di browser anda

Kemudian isi dan kirim atau input

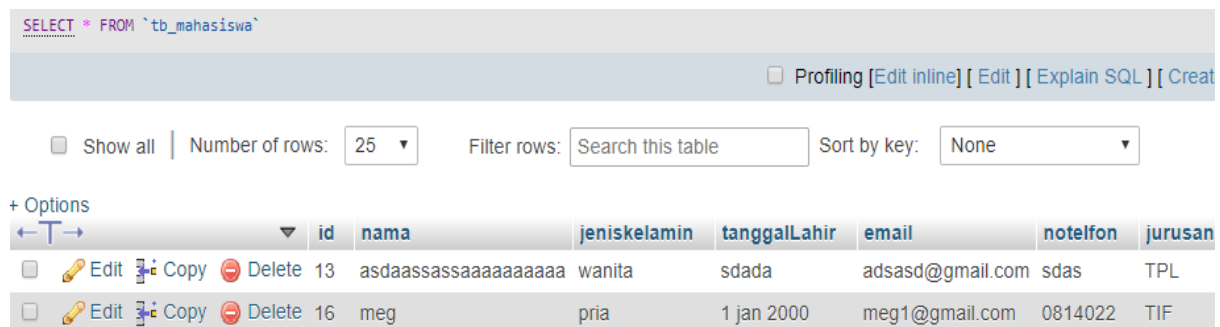


11. berikut hasil inputan anda dapat anda edit dan delete



Nama	Jenis Kelamin	Tanggal Lahir	Email	Nomor Telfon	Jurusan		
asdaassassaaaaaaa	wanita	sdada	adsasd@gmail.com	sdas	TPL	Edit	Delete
meg	pria	1 jan 2000	meg1@gmail.com	0814022	TIF	Edit	Delete

12. ini hasil inputan anda tadi dapat dilihat di dba tau php my admin anda



```
SELECT * FROM `tb_mahasiswa`
```

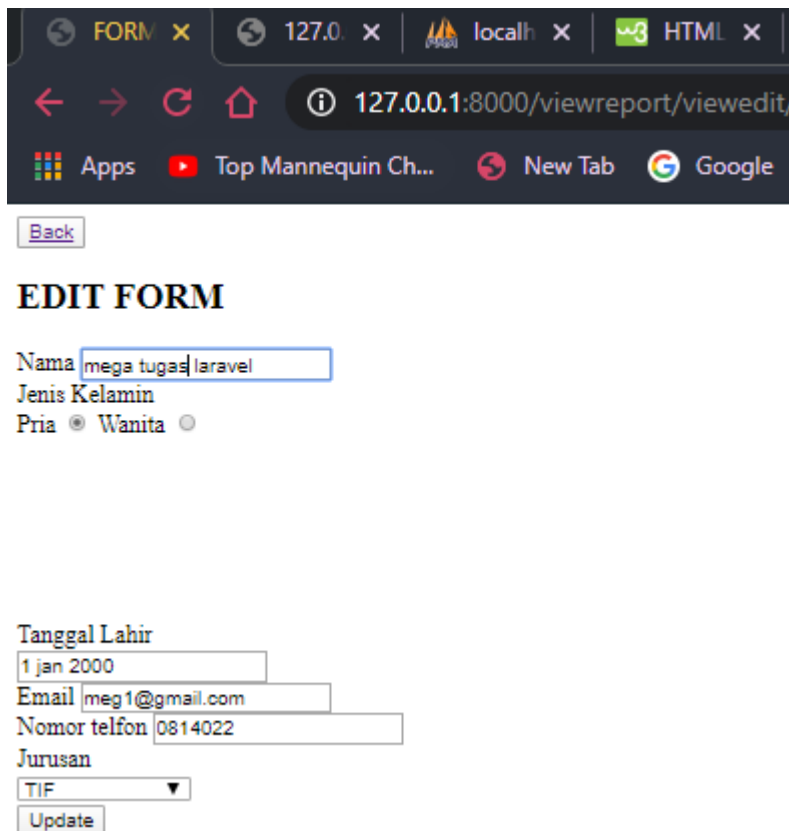
☐ Profiling [Edit inline] [Edit] [Explain SQL] [Creat

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	id	nama	jeniskelamin	tanggalLahir	email	notelfon	jurusan
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	13	asdaassassaaaaaaa	wanita	sdada	adsasd@gmail.com	sdas	TPL
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	16	meg	pria	1 jan 2000	meg1@gmail.com	0814022	TIF

13. ini blade/template edit anda, kita coba update



Back

EDIT FORM

Nama

Jenis Kelamin
Pria ☒ Wanita ☐

Tanggal Lahir

Email

Nomor telfon

Jurusan

14. berikut setelah anda edit/update

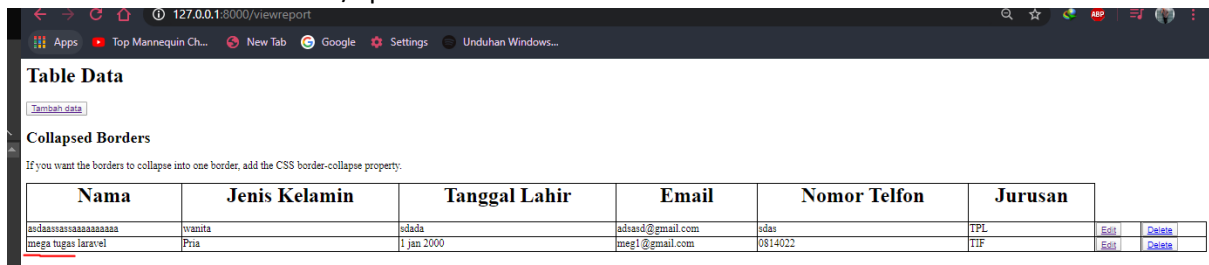


Table Data

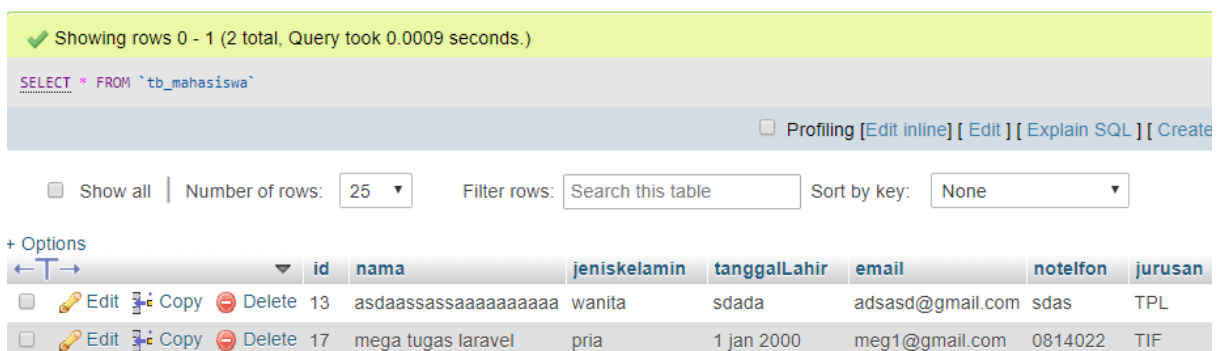
[Tambah data](#)

Collapsed Borders

If you want the borders to collapse into one border, add the CSS border-collapse property.

Nama	Jenis Kelamin	Tanggal Lahir	Email	Nomor Telfon	Jurusan		
asdaassassaaaaaaa	wanita	sdada	adsasd@gmail.com	sdas	TPL	Edit	Delete
<u>mega tugas laravel</u>	Pria	1 jan 2000	meg1@gmail.com	0814022	TIF	Edit	Delete

15. tampilan database anda setelah di edit Namanya



✓ Showing rows 0 - 1 (2 total, Query took 0.0009 seconds.)

`SELECT * FROM `tb_mahasiswa``

☐ Profiling [\[Edit inline\]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create \]](#)

☐ Show all | Number of rows: | Filter rows: | Sort by key:

+ Options

				id	nama	jeniskelamin	tanggalLahir	email	notelfon	jurusan
<input type="checkbox"/>	Edit	Copy	Delete	13	asdaassassaaaaaaa	wanita	sdada	adsasd@gmail.com	sdas	TPL
<input type="checkbox"/>	Edit	Copy	Delete	17	<u>mega tugas laravel</u>	pria	1 jan 2000	meg1@gmail.com	0814022	TIF

16. lalu delete kita delete dengan “Nama mega tugas Laravel”

127.0.0.1:8000/viewreport

Apps Top Mannequin Ch... New Tab Google Settings Unduhan Windows...

Table Data

[Tambah data](#)

Collapsed Borders

If you want the borders to collapse into one border, add the CSS border-collapse property.

Nama	Jenis Kelamin	Tanggal Lahir	Email	Nomor Telfon	Jurusan		
asdaassassaaaaaaa	wanita	sdada	adsasd@gmail.com	sdas	TPL	Edit	Delete

17. tampilan database anda setelah di delete “nama>>> mega tugas laravel” udah kedelete

```
SELECT * FROM `tb_mahasiswa`
```

☐ Profiling [\[Edit inline\]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create \]](#)

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

+ Options

	id	nama	jeniskelamin	tanggalLahir	email	notelfon	jurusa
<input type="checkbox"/>	13	asdaassassaaaaaaa	wanita	sdada	adsasd@gmail.com	sdas	TPL

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Jika sudah bias maka CRUD anda sudah berhasil anda buat terimah kasih untuk yang membaca.