

Nama : Salsabila Gemintang Kejora

- Membuat table

Command Prompt

```
c:\xampp\htdocs\perpus>php artisan make:migration create_table_buku --create=buku
Created Migration: 2020_01_14_061903_create_table_buku

c:\xampp\htdocs\perpus>php artisan make:migration create_table_anggota --create=anggota
Created Migration: 2020_01_14_062600_create_table_anggota

c:\xampp\htdocs\perpus>php artisan make:migration create_table_peminjaman --create=peminjaman
Created Migration: 2020_01_14_062643_create_table_peminjaman

c:\xampp\htdocs\perpus>php artisan make:migration create_table_petugas --create=petugas
Created Migration: 2020_01_14_062847_create_table_petugas

c:\xampp\htdocs\perpus>php artisan make:migration create_table_detail_peminjaman --create=detail_peminjaman
Created Migration: 2020_01_14_063040_create_table_detail_peminjaman
```

- Script setiap table

➤ Buku

```
database.php 2020_01_14_061903_create_table_buku.php X 2020_01_14_062600_create_table_anggota.php
1 <?php
2
3 use Illuminate\Support\Facades\Schema;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Database\Migrations\Migration;
6
7 class CreateTableBuku extends Migration
8 {
9     /**
10      * Run the migrations.
11      *
12      * @return void
13      */
14     public function up()
15     {
16         Schema::create('buku', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->string('judul', 100);
19             $table->string('penerbit', 100);
20             $table->string('pengarang', 100);
21             $table->string('foto', 100);
22             $table->timestamps();
23         });
24     }
25
26     /**
27      * Reverse the migrations.
28      *
29      * @return void
30      */
31     public function down()
32     {
33         Schema::dropIfExists('buku');
34     }
35 }
```

➤ Anggota

```
database.php 2020_01_14_061903_create_table_buku.php 2020_01_14_062600_create_table_anggota.php x
1 <?php
2
3 use Illuminate\Support\Facades\Schema;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Database\Migrations\Migration;
6
7 class CreateTableAnggota extends Migration
8 {
9     /**
10      * Run the migrations.
11      *
12      * @return void
13      */
14     public function up()
15     {
16         Schema::create('anggota', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->string('nama_anggota', 100);
19             $table->string('alamat', 100);
20             $table->string('telep', 100);
21             $table->timestamps();
22         });
23     }
24
25     /**
26      * Reverse the migrations.
27      *
28      * @return void
29      */
30     public function down()
31     {
32         Schema::dropIfExists('anggota');
33     }
34 }
35
```

➤ Peminjaman

```
database.php 2020_01_14_061903_create_table_buku.php 2020_01_14_062600_create_table_anggota.php
1 <?php
2
3 use Illuminate\Support\Facades\Schema;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Database\Migrations\Migration;
6
7 class CreateTablePeminjaman extends Migration
8 {
9     /**
10      * Run the migrations.
11      *
12      * @return void
13      */
14     public function up()
15     {
16         Schema::create('peminjaman', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->string('tgl_pinjam', 100);
19             $table->string('tgl_anggota', 100);
20             $table->string('id_petugas', 100);
21             $table->string('deadline', 100);
22             $table->string('denda', 100);
23             $table->timestamps();
24         });
25     }
26
27     /**
28      * Reverse the migrations.
29      *
30      * @return void
31      */
32     public function down()
33     {
34         Schema::dropIfExists('peminjaman');
35     }
36 }
37
```

➤ Petugas

```
abase.php 2020_01_14_061903_create_table_buku.php 2020_01_14_062600_create_table_anggota.php
1 <?php
2
3 use Illuminate\Support\Facades\Schema;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Database\Migrations\Migration;
6
7 class CreateTablePetugas extends Migration
8 {
9     /**
10      * Run the migrations.
11      *
12      * @return void
13      */
14     public function up()
15     {
16         Schema::create('petugas', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->string('nama_petugas', 100);
19             $table->string('alamat', 100);
20             $table->string('telp', 100);
21             $table->string('username', 100);
22             $table->string('password', 100);
23             $table->timestamps();
24         });
25     }
26
27     /**
28      * Reverse the migrations.
29      *
30      * @return void
31      */
32     public function down()
33     {
34         Schema::dropIfExists('petugas');
35     }
36 }
37
```

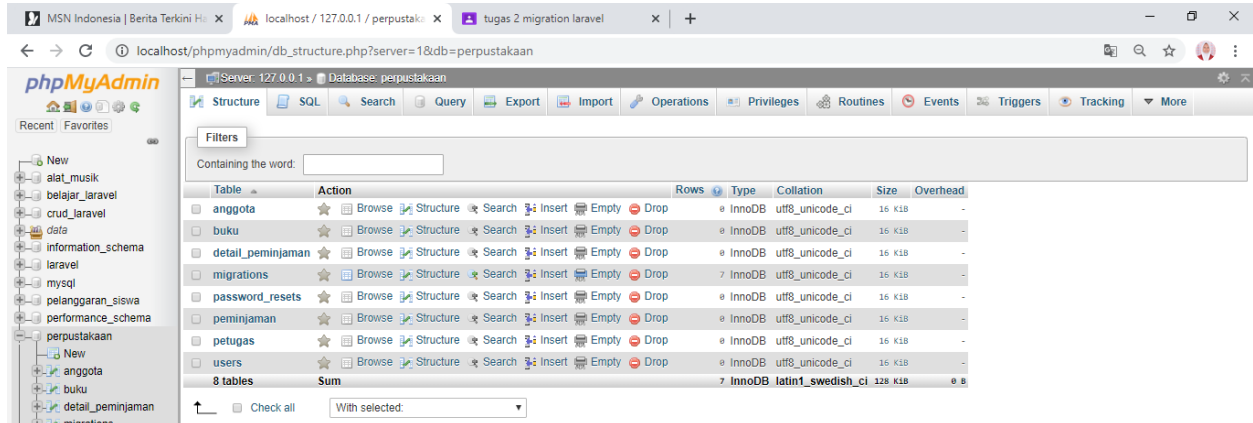
➤ Detail Peminjaman

```
2020_01_14_062600_create_table_anggota.php 2020_01_14_062643_create_table_peminjaman.php 20
1 <?php
2
3 use Illuminate\Support\Facades\Schema;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Database\Migrations\Migration;
6
7 class CreateTableDetailPeminjaman extends Migration
8 {
9     /**
10      * Run the migrations.
11      *
12      * @return void
13      */
14     public function up()
15     {
16         Schema::create('detail_peminjaman', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->string('id_pinjam', 100);
19             $table->string('id_buku', 100);
20             $table->string('qty', 100);
21             $table->timestamps();
22         });
23     }
24
25     /**
26      * Reverse the migrations.
27      *
28      * @return void
29      */
30     public function down()
31     {
32         Schema::dropIfExists('detail_peminjaman');
33     }
34 }
35
```

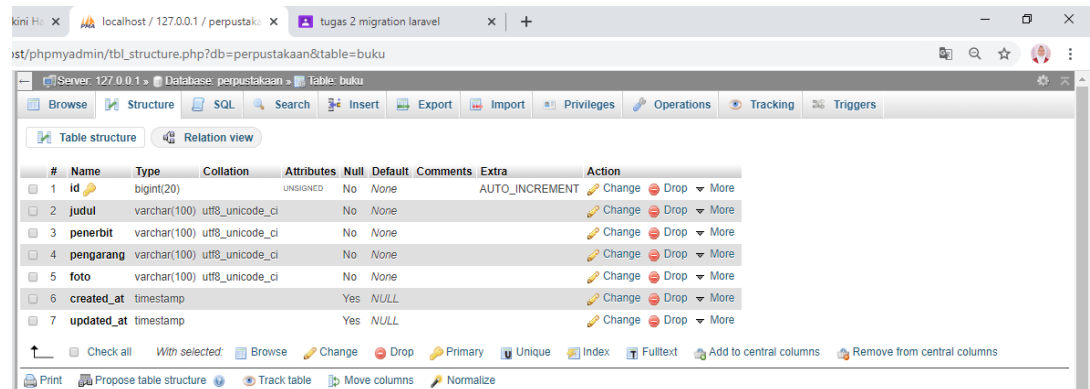
• Hasil Migration

```
Command Prompt
c:\xampp\htdocs\perpus>php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table (0.27 seconds)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table (0.23 seconds)
Migrating: 2020_01_14_061903_create_table_buku
Migrated: 2020_01_14_061903_create_table_buku (0.14 seconds)
Migrating: 2020_01_14_062600_create_table_anggota
Migrated: 2020_01_14_062600_create_table_anggota (0.17 seconds)
Migrating: 2020_01_14_062643_create_table_peminjaman
Migrated: 2020_01_14_062643_create_table_peminjaman (0.12 seconds)
Migrating: 2020_01_14_062847_create_table_petugas
Migrated: 2020_01_14_062847_create_table_petugas (0.12 seconds)
Migrating: 2020_01_14_063040_create_table_detail_peminjaman
Migrated: 2020_01_14_063040_create_table_detail_peminjaman (0.23 seconds)
c:\xampp\htdocs\perpus>
```

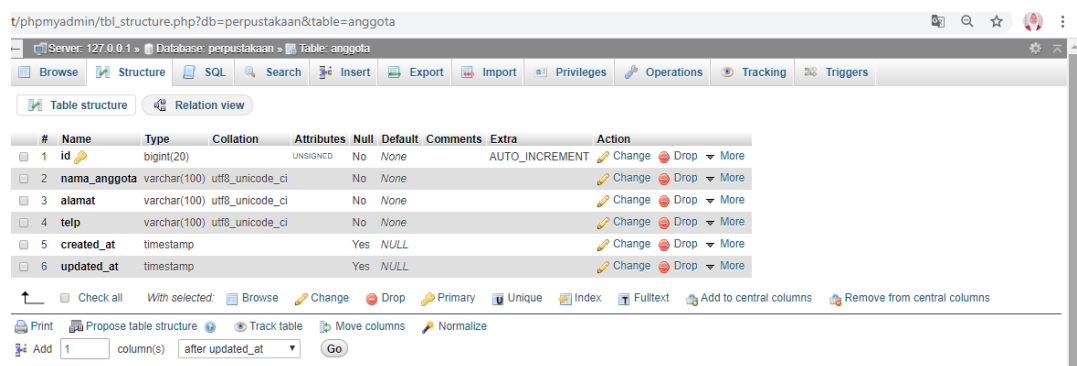
- Isi Tabel



➤ Table Buku



➤ Table Anggota



➤ Table Detail Peminjaman

st/phpmyadmin/tbl_structure.php?db=perpustakaan&table=detail_peminjaman

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
2	id_pinjam	varchar(100)	utf8_unicode_ci		No	None			Change Drop More
3	id_buku	varchar(100)	utf8_unicode_ci		No	None			Change Drop More
4	qty	varchar(100)	utf8_unicode_ci		No	None			Change Drop More
5	created_at	timestamp			Yes	NULL			Change Drop More
6	updated_at	timestamp			Yes	NULL			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Fulltext Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after updated_at Go

➤ Table Peminjaman

st/phpmyadmin/tbl_structure.php?db=perpustakaan&table=peminjaman

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
2	tgl_pinjam	date			No	None			Change Drop More
3	id_anggota	varchar(100)	utf8_unicode_ci		No	None			Change Drop More
4	id_petugas	varchar(100)	utf8_unicode_ci		No	None			Change Drop More
5	deadline	varchar(100)	utf8_unicode_ci		No	None			Change Drop More
6	denda	varchar(100)	utf8_unicode_ci		No	None			Change Drop More
7	created_at	timestamp			Yes	NULL			Change Drop More
8	updated_at	timestamp			Yes	NULL			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Fulltext Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after updated_at Go

➤ Table Petugas

st/phpmyadmin/tbl_structure.php?db=perpustakaan&table=petugas

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
2	nama_petugas	varchar(100)	utf8_unicode_ci		No	None			Change Drop More
3	alamat	varchar(100)	utf8_unicode_ci		No	None			Change Drop More
4	telep	varchar(100)	utf8_unicode_ci		No	None			Change Drop More
5	username	varchar(100)	utf8_unicode_ci		No	None			Change Drop More
6	password	varchar(100)	utf8_unicode_ci		No	None			Change Drop More
7	created_at	timestamp			Yes	NULL			Change Drop More
8	updated_at	timestamp			Yes	NULL			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Fulltext Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after updated_at Go