

Luthfarras T. / XIR6 / 17

## Tugas Migrasi

Membuat tabel anggota; petugas; buku; peminjaman; detail\_pinjam

```
D:\xampp\htdocs\projekperpus>php artisan make:migration create_table_anggota --create=anggota
Created Migration: 2020_01_14_045740_create_table_anggota

D:\xampp\htdocs\projekperpus>php artisan make:migration create_table_petugas --create=petugas
Created Migration: 2020_01_14_045856_create_table_petugas

D:\xampp\htdocs\projekperpus>php artisan make:migration create_table_buku --create=buku
Created Migration: 2020_01_14_045909_create_table_buku

D:\xampp\htdocs\projekperpus>php artisan make:migration create_table_peminjaman --create=peminjaman
Created Migration: 2020_01_14_045924_create_table_peminjaman

D:\xampp\htdocs\projekperpus>php artisan make:migration create_table_detail_pinjam --create=detail_pinjam
Created Migration: 2020_01_14_045943_create_table_detail_pinjam
```

## Migrasi tabel

```
D:\xampp\htdocs\projekperpus>php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table (0.23 seconds)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table (0.24 seconds)
Migrating: 2020_01_14_045740_create_table_anggota
Migrated: 2020_01_14_045740_create_table_anggota (0.31 seconds)
Migrating: 2020_01_14_045856_create_table_petugas
Migrated: 2020_01_14_045856_create_table_petugas (0.18 seconds)
Migrating: 2020_01_14_045909_create_table_buku
Migrated: 2020_01_14_045909_create_table_buku (0.26 seconds)
Migrating: 2020_01_14_045924_create_table_peminjaman
Migrated: 2020_01_14_045924_create_table_peminjaman (0.23 seconds)
Migrating: 2020_01_14_045943_create_table_detail_pinjam
Migrated: 2020_01_14_045943_create_table_detail_pinjam (0.25 seconds)
```

## Database

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> anggota	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	.
<input type="checkbox"/> buku	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	.
<input type="checkbox"/> detail_pinjam	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	.
<input type="checkbox"/> migrations	★ Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_unicode_ci	16 KiB	.
<input type="checkbox"/> password_resets	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	.
<input type="checkbox"/> peminjaman	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	.
<input type="checkbox"/> petugas	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	.
<input type="checkbox"/> users	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	.
8 tables	Sum	7	InnoDB	latin1_swedish_ci	128 KiB	0 t

Codingan tabel migrasi

-anggota

```
public function up()
{
    Schema::create('anggota', function (Blueprint $table) {
        $table->bigIncrements('id');
        $table->string('nama_anggota');
        $table->string('alamat');
        $table->string('telp');
        $table->timestamps();
    });
}
```

-petugas

```
public function up()
{
    Schema::create('petugas', function (Blueprint $table) {
        $table->bigIncrements('id');
        $table->string('nama_petugas');
        $table->string('alamat');
        $table->string('telp');
        $table->string('username');
        $table->string('password');
        $table->timestamps();
    });
}
```

-buku

```
public function up()
{
    Schema::create('buku', function (Blueprint $table) {
        $table->bigIncrements('id');
        $table->string('judul');
        $table->string('penerbit');
        $table->string('pengarang');
        $table->string('foto');
        $table->timestamps();
    });
}
```

-peminjaman

```
public function up()
{
    Schema::create('peminjaman', function (Blueprint $table) {
        $table->bigIncrements('id');
        $table->date('tgl_pinjam');
        $table->integer('id_anggota');
        $table->integer('id_petugas');
        $table->date('deadline');
        $table->string('denda');
        $table->timestamps();
    });
}
```

-detail pinjam

```
public function up()
{
    Schema::create('detail_pinjam', function (Blueprint $table) {
        $table->bigIncrements('id');
        $table->integer('id_pinjam');
        $table->integer('id_buku');
        $table->integer('qty');
        $table->timestamps();
    });
}
```