Buat migration

```
E:\Laravel\Project-01\mencoba>php artisan make:migration create_table_anggota --create
Created Migration: 2020_01_14_074218_create_table_anggota

E:\Laravel\Project-01\mencoba>php artisan make:migration create_table_petugas --create
Created Migration: 2020_01_14_074814_create_table_petugas

E:\Laravel\Project-01\mencoba>php artisan make:migration create_table_peminjaman --create
Created Migration: 2020_01_14_074935_create_table_peminjaman

E:\Laravel\Project-01\mencoba>php artisan make:migration create_table_detail_peminjaman --create
Created Migration: 2020_01_14_075020_create_table_detail_peminjaman

E:\Laravel\Project-01\mencoba>php artisan make:migration create_table_buku --create
Created Migration: 2020_01_14_075042_create_table_buku
```

Table_buku

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateTableBuku extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('table_buku', function (Blueprint $table) {
            $table->bigIncrements('id');
            $table->string('judul',20);
            $table->string('penerbit',200);
            $table->string('pengarang',200);
            $table->string('foto',20);
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('table_buku');
    }
}
```

Table_detail_peminjaman

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateTableDetailPeminjaman extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('table_detail_peminjaman', function (Blueprint $table) {
            $table->bigIncrements('id');
            $table->integer('id_peminjaman')->unique();
            $table->integer('id_buku')->unique();
            $table->integer('qty');
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('table_detail_peminjaman');
    }
}
```

Table_peminjam

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateTablePeminjaman extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('table_peminjaman', function (Blueprint $table) {
            $table->bigIncrements('id');
            $table->date('tgl');
            $table->integer('id_anggota')->unique();
            $table->integer('id_petugas')->unique();
            $table->date('deadline');
            $table->integer('denda');
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('table_peminjaman');
    }
}
```

Anggota

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateTableAnggota extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('table_anggota', function (Blueprint $table) {
            $table->bigIncrements('id');
            $table->string('nama_anggota',20);
            $table->string('alamat',20);
            $table->string('nomer_telepon',20);
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('table_anggota');
    }
}
```

Petugas

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateTablePetugas extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('table_petugas', function (Blueprint $table) {
            $table->bigIncrements('id');
            $table->string('nama_petugas',20);
            $table->string('alamat',100);
            $table->string('nomer_telepon',20);
            $table->string('username',20);
            $table->integer('password');
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('table_petugas');
    }
}
```

Migration

```
E:\Laravel\Project-01\mencoba>php artisan migrate
Migration table created successfully.
Migrating: 2020_01_14_074218_create_table_anggota
Migrated:  2020_01_14_074218_create_table_anggota (0.21 seconds)
Migrating: 2020_01_14_074814_create_table_petugas
```

```
E:\Laravel\Project-01\mencoba>php artisan migrate
Migrating: 2020_01_14_074814_create_table_petugas
Migrated:  2020_01_14_074814_create_table_petugas (0.23 seconds)
Migrating: 2020_01_14_074935_create_table_peminjaman
```

```
E:\Laravel\Project-01\mencoba>php artisan migrate
Migrating: 2020_01_14_074935_create_table_peminjaman
Migrated:  2020_01_14_074935_create_table_peminjaman (0.92 seconds)
Migrating: 2020_01_14_075020_create_table_detail_peminjaman
```

```
E:\Laravel\Project-01\mencoba>php artisan migrate
Migrating: 2020_01_14_075020_create_table_detail_peminjaman
Migrated:  2020_01_14_075020_create_table_detail_peminjaman (0.72 seconds)
Migrating: 2020_01_14_075042_create_table_buku
Migrated:  2020_01_14_075042_create_table_buku (0.23 seconds)
```

Database

| Tabel ▲ | Tindakan | Baris | Jenis | Penyortiran | Ukuran | Beban |
|---|---|---|---|---|---|---|
| migrations | ☆ 📋 Jelajahi 🔧 Struktur 🔍 Cari 📥 Tambahkan 🗑 Kosongkan ⊘ Hapus | 5 | InnoDB | utf8mb4_unicode_ci | 16 KB | - |
| table_anggota | ☆ 📋 Jelajahi 🔧 Struktur 🔍 Cari 📥 Tambahkan 🗑 Kosongkan ⊘ Hapus | 0 | InnoDB | utf8mb4_unicode_ci | 16 KB | - |
| table_buku | ☆ 📋 Jelajahi 🔧 Struktur 🔍 Cari 📥 Tambahkan 🗑 Kosongkan ⊘ Hapus | 0 | InnoDB | utf8mb4_unicode_ci | 16 KB | - |
| table_detail_peminjaman | ☆ 📋 Jelajahi 🔧 Struktur 🔍 Cari 📥 Tambahkan 🗑 Kosongkan ⊘ Hapus | 0 | InnoDB | utf8mb4_unicode_ci | 48 KB | - |
| table_peminjaman | ☆ 📋 Jelajahi 🔧 Struktur 🔍 Cari 📥 Tambahkan 🗑 Kosongkan ⊘ Hapus | 0 | InnoDB | utf8mb4_unicode_ci | 48 KB | - |
| table_petugas | ☆ 📋 Jelajahi 🔧 Struktur 🔍 Cari 📥 Tambahkan 🗑 Kosongkan ⊘ Hapus | 0 | InnoDB | utf8mb4_unicode_ci | 16 KB | - |
| 6 tabel | Jumlah | 5 | InnoDB | latin1_swedish_ci | 160 KB | 0 B |