

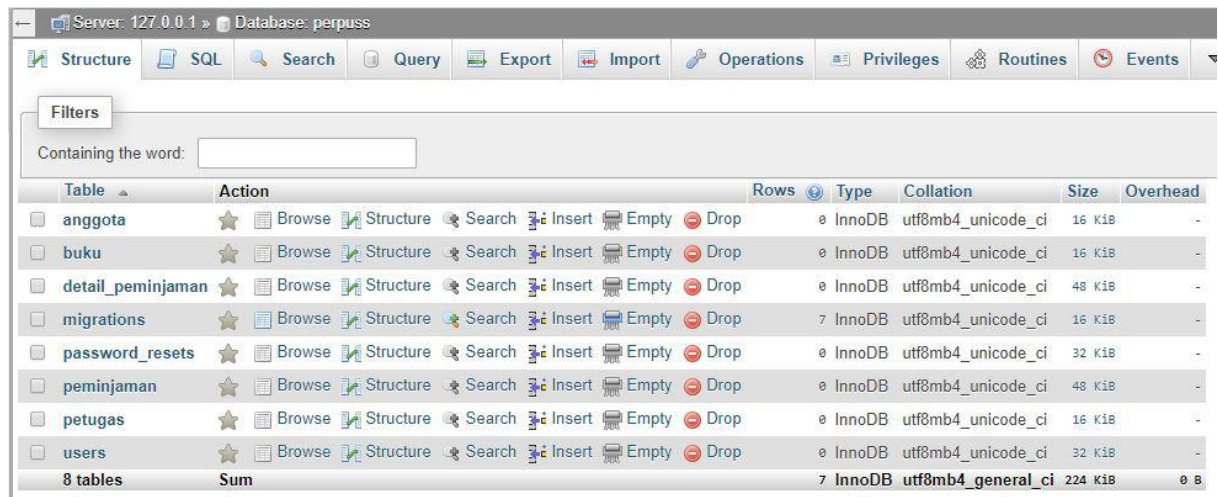
Tugas Migration

Nama : Chatlea Cinta Putri Widyanto

Kelas : XI Laravel

No. Absen : 09

Database



The screenshot shows the phpMyAdmin interface for a database named 'perpustakaan'. The 'Structure' tab is selected, displaying a list of 8 tables: anggota, buku, detail_peminjaman, migrations, password_resets, peminjaman, petugas, and users. Each table row includes icons for Browse, Structure, Search, Insert, Empty, and Drop, along with columns for Rows, Type, Collation, Size, and Overhead. The 'migrations' table is highlighted, showing 7 rows. The bottom summary row indicates 8 tables, a total of 7 rows, and a total size of 224 KiB.

Table	Action	Rows	Type	Collation	Size	Overhead
anggota	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
buku	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
detail_peminjaman	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	48 KiB	-
migrations	★ Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_unicode_ci	16 KiB	-
password_resets	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32 KiB	-
peminjaman	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	48 KiB	-
petugas	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
users	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32 KiB	-
8 tables	Sum	7	InnoDB	utf8mb4_general_ci	224 KiB	0 B

Migration

```
c:\xampp\htdocs\perpustakaan>php artisan migrate
Migrating: 2020_01_13_075119_create_table_anggota
Migrated: 2020_01_13_075119_create_table_anggota (0.35 seconds)
Migrating: 2020_01_13_075244_create_table_buku
Migrated: 2020_01_13_075244_create_table_buku (0.3 seconds)
Migrating: 2020_01_13_075301_create_table_petugas
Migrated: 2020_01_13_075301_create_table_petugas (0.45 seconds)
Migrating: 2020_01_13_075315_create_table_peminjaman
Migrated: 2020_01_13_075315_create_table_peminjaman (0.36 seconds)
Migrating: 2020_01_13_075327_create_table_detail_peminjaman
Migrated: 2020_01_13_075327_create_table_detail_peminjaman (0.21 seconds)
```

Script

- Table users

```
.env 2014_10_12_000000_create_users_table.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 CreateUsersTable extends Migration
8  {
9      /**
10       * Run the migrations.
11       *
12       * @return void
13       */
14     public function up()
15     {
16         Schema::create('users', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->string('name');
19             $table->string('email')->unique();
20             $table->timestamp('email_verified_at')->nullable();
21             $table->string('password');
22             $table->rememberToken();
23             $table->timestamps();
24         });
25     }
26
27     /**
28      * Reverse the migrations.
29      *
30      * @return void
31      */
32     public function down()
33     {
34         Schema::dropIfExists('users');
35     }
36 }
```

- Table password resets

```
.env x 2014_10_12_100000_create_password_resets_table.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 CreatePasswordResetsTable extends Migration
8  {
9      /**
10       * Run the migrations.
11       *
12       * @return void
13       */
14     public function up()
15     {
16         Schema::create('password_resets', function (Blueprint $table) {
17             $table->string('email')->index();
18             $table->string('token');
19             $table->timestamp('created_at')->nullable();
20         });
21     }
22
23     /**
24      * Reverse the migrations.
25      *
26      * @return void
27      */
28     public function down()
29     {
30         Schema::dropIfExists('password_resets');
31     }
32 }
```

- Table anggota

```
.env 2020_01_13_075119_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('table_anggota', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->string('nama_anggota');
19             $table->string('alamat');
20             $table->string('telp');
21             $table->timestamps();
22         });
23     }
24
25     /**
26      * Reverse the migrations.
27      *
28      * @return void
29      */
30     public function down()
31     {
32         Schema::dropIfExists('table_anggota');
33     }
34 }
```

- Table buku

```
.env x 2020_01_13_075244_create_table_buku.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 CreateTableBuku extends Migration
8  {
9      /**
10       * Run the migrations.
11       *
12       * @return void
13       */
14     public function up()
15     {
16         Schema::create('table_buku', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->string('judul');
19             $table->string('penerbit');
20             $table->string('pengarang');
21             $table->string('foto');
22             $table->timestamps();
23         });
24     }
25
26     /**
27      * Reverse the migrations.
28      *
29      * @return void
30      */
31     public function down()
32     {
33         Schema::dropIfExists('table_buku');
34     }
35 }
```

- Table detail peminjaman

```
.env 2020_01_13_075327_create_table_detail_peminjaman.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 CreateTableDetailPeminjaman extends Migration
8  {
9      /**
10       * Run the migrations.
11       *
12       * @return void
13       */
14     public function up()
15     {
16         Schema::create('table_detail_peminjaman', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->Integer('id_pinjam');
19             $table->Integer('id_buku');
20             $table->Integer('qty');
21             $table->timestamps();
22         });
23     }
24
25     /**
26      * Reverse the migrations.
27      *
28      * @return void
29      */
30     public function down()
31     {
32         Schema::dropIfExists('table_detail_peminjaman');
33     }
34 }
```


- Tabel peminjaman

```
.env 2020_01_13_075315_create_table_peminjaman.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 CreateTablePeminjaman extends Migration
8  {
9      /**
10       * Run the migrations.
11       *
12       * @return void
13       */
14     public function up()
15     {
16         Schema::create('table_peminjaman', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->date('tgl');
19             $table->Integer('id_anggota');
20             $table->Integer('id_petugas');
21             $table->date('tgl_deadline');
22             $table->string('denda');
23             $table->timestamps();
24         });
25     }
26
27     /**
28      * Reverse the migrations.
29      *
30      * @return void
31      */
32     public function down()
33     {
34         Schema::dropIfExists('table_peminjaman');
35     }
36 }
```

- Tabel petugas

```
.env x 2020_01_13_075301_create_table_petugas.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 CreateTablePetugas extends Migration
8 {
9     /**
10      * Run the migrations.
11      *
12      * @return void
13      */
14     public function up()
15     {
16         Schema::create('table_petugas', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->string('nama_petugas');
19             $table->string('alamat');
20             $table->string('telp');
21             $table->string('username');
22             $table->string('password');
23             $table->timestamps();
24         });
25     }
26
27     /**
28      * Reverse the migrations.
29      *
30      * @return void
31      */
32     public function down()
33     {
34         Schema::dropIfExists('table_petugas');
35     }
36 }
```