

Tegar Harianto Putra_XIRPL6_39

```
2020_01_14_074227_create_buku.php - perpustakaan - Visual Studio Code

1 <?php
2
3 use Illuminate\Support\Facades\Schema;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Database\Migrations\Migration;
6
7 class CreateBuku 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', 55);
19             $table->string('penerbit', 55);
20             $table->string('pengarang', 55);
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('buku');
34     }
35 }
36
```



```
2020_01_14_074153_create_peminjaman.php - perpustakaan - Visual Studio Code

1 <?php
2
3 use Illuminate\Support\Facades\Schema;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Database\Migrations\Migration;
6
7 class CreatePeminjaman 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->date('tgl');
19             $table->integer('id_anggota');
20             $table->date('deadline');
21             $table->integer('denda');
22             $table->timestamps();
23         });
24     }
25
26     /**
27      * Reverse the migrations.
28      *
29      * @return void
30      */
31     public function down()
32     {
33         Schema::dropIfExists('peminjaman');
34     }
35 }
36
```

The screenshot shows the Visual Studio Code editor with the file explorer on the left. The active file is `2020_01_14_074121_create_petugas.php`. The code is a PHP migration class `CreatePetugas` that extends `Migration`. It includes the following code:

```
1 <?php
2
3 use Illuminate\Support\Facades\Schema;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Database\Migrations\Migration;
6
7 class CreatePetugas 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', 255);
19             $table->string('alamat', 255);
20             $table->integer('telp');
21             $table->string('username', 55);
22             $table->string('password', 55);
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
```

The screenshot shows the Visual Studio Code editor with the file explorer on the left. The active file is `2020_01_14_074019_create_anggota.php`. The code is a PHP migration class `CreateAnggota` that extends `Migration`. It includes the following code:

```
1 <?php
2
3 use Illuminate\Support\Facades\Schema;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Database\Migrations\Migration;
6
7 class CreateAnggota 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', 55);
19             $table->string('alamat', 55);
20             $table->integer('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('anggota');
33     }
34 }
35
```

The screenshot shows the Visual Studio Code editor with a file explorer on the left and a code editor on the right. The file explorer shows a project structure with folders like 'app', 'bootstrap', 'config', 'database', 'factories', 'migrations', 'seeds', 'storage', 'tests', and 'vendor'. The 'migrations' folder is expanded, showing several migration files. The file '2014_10_12_100000_create_password_resets_table.php' is selected and its content is displayed in the code editor. The code is a PHP migration class that extends 'Migration' and implements 'up()' and 'down()' methods. The 'up()' method creates a 'password_resets' table with columns 'email', 'token', and 'created_at'. The 'down()' method drops the 'password_resets' table if it exists.

```
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', 100)->index();
18             $table->string('token', 100);
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 }
33
```

The screenshot shows the Visual Studio Code editor with a file explorer on the left and a code editor on the right. The file explorer shows a project structure with folders like 'app', 'bootstrap', 'config', 'database', 'factories', 'migrations', 'seeds', 'storage', 'tests', and 'vendor'. The 'migrations' folder is expanded, showing several migration files. The file '2014_10_12_000000_create_users_table.php' is selected and its content is displayed in the code editor. The code is a PHP migration class that extends 'Migration' and implements 'up()' and 'down()' methods. The 'up()' method creates a 'users' table with columns 'id', 'name', 'email', 'email_verified_at', 'password', and 'remember_token'. The 'down()' method drops the 'users' table if it exists.

```
1 <?php
2
3 use Illuminate\Support\Facades\Schema;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Database\Migrations\Migration;
6
7 class CreateUserTable 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', 100);
19             $table->string('email', 100)->unique();
20             $table->timestamp('email_verified_at')->nullable();
21             $table->string('password', 100);
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 }
37
```

```
1 <?php
2
3 use Illuminate\Support\Facades\Schema;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Database\Migrations\Migration;
6
7 class CreateDetailPeminjaman 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->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('detail_peminjaman');
33     }
34 }
35
```