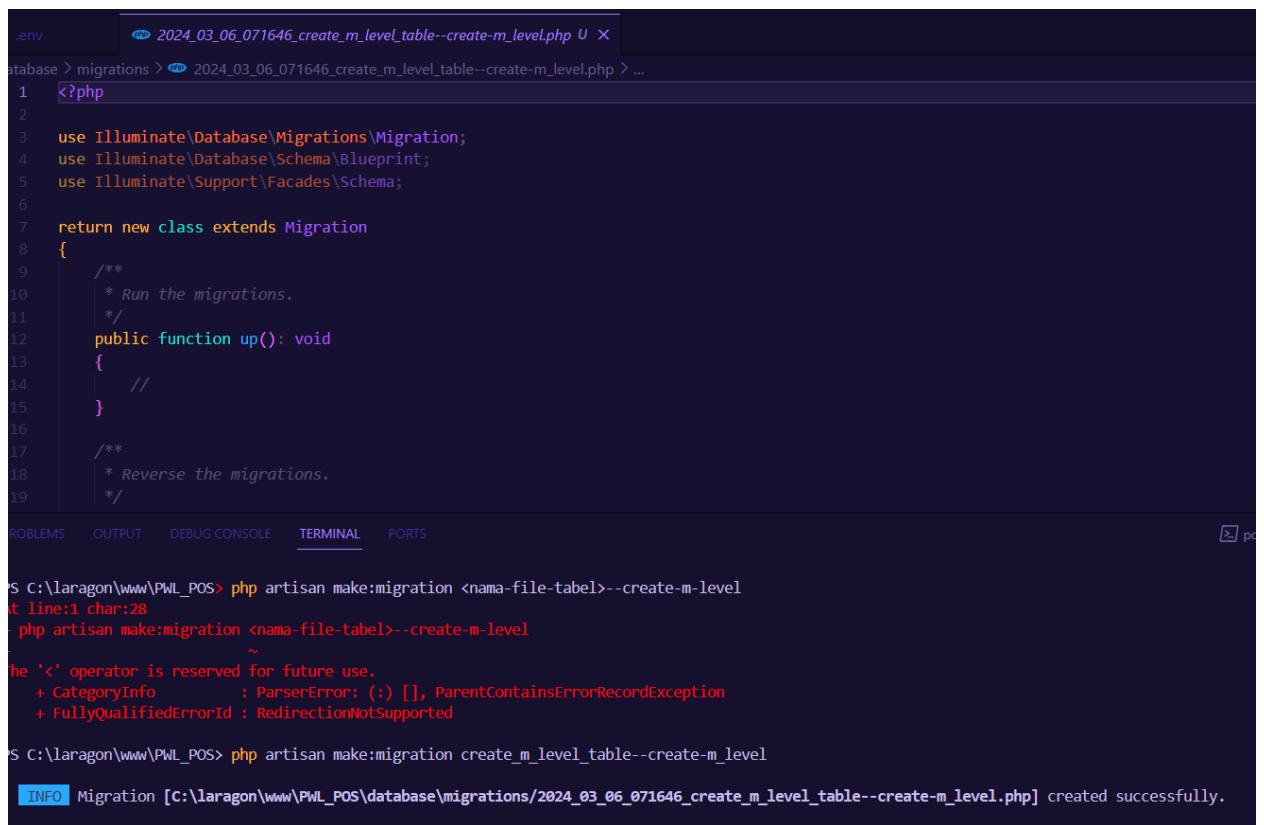JS 3

PENGATURAN DATABASE

```
APP_NAME=Laravel
APP_ENV=local
APP_KEY=base64:/zwS0+jICmGl0oxW8T8Re1yI1Zz1ZEVSBkKdKyMkUxE=
APP_DEBUG=true
APP_URL=http://localhost

LOG_CHANNEL=stack
LOG_DEPRECATIONS_CHANNEL=null
LOG_LEVEL=debug

DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=PWL_POS
DB_USERNAME=root
DB_PASSWORD=
```

MIGRATION

1.

2.

```php
return new class extends Migration

    public function up(): void
    {
        Schema::create('m_level', function (Blueprint $table) {
            $table->id('level_id');
            $table->string('level_kode', 10)->unique();
            $table->string('level_nama', 100);
            $table->timestamps();
        });
    }

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

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS C:\laragon\www\PWL_POS> php artisan migrate

  INFO  Preparing database.

  Creating migration table ........................................................................ 150ms DONE

  INFO  Running migrations.

  2014_10_12_000000_create_users_table ............................................................. 96ms DONE
  2014_10_12_100000_create_password_reset_tokens_table ............................................. 17ms DONE
  2019_08_19_000000_create_failed_jobs_table ....................................................... 86ms DONE
  2019_12_14_000001_create_personal_access_tokens_table ............................................ 80ms DONE
  2024_03_06_071646_create_m_level_table--create-m_level ........................................... 153ms DONE

PS C:\laragon\www\PWL_POS>
```

3.

```php
return new class extends Migration

    public function up(): void
    {
        Schema::create('m_kategori', function (Blueprint $table) {
            $table->id('kategori_id');
            $table->string('kategori_kode', 10)->unique();
            $table->string('kategori_nama', 100);
            $table->timestamps();
        });
    }

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

Table ▲	Action						Rows	Type	Collation	Size	Overhead
☐ failed_jobs	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⛔ Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
☐ migrations	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⛔ Drop	11	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
☐ m_barang	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⛔ Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
☐ m_kategori	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⛔ Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
☐ m_level	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⛔ Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
☐ m_user	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⛔ Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
☐ password_reset_tokens	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⛔ Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
☐ personal_access_tokens	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⛔ Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
☐ t_penjualan	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⛔ Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
☐ t_penjualan_detail	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⛔ Drop	0	InnoDB	utf8mb4_unicode_ci	48.0 KiB	-
☐ t_stok	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⛔ Drop	0	InnoDB	utf8mb4_unicode_ci	48.0 KiB	-
☐ users	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⛔ Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
12 tables	**Sum**						**11**	**InnoDB**	**utf8mb4_0900_ai_ci**	**304.0 KiB**	**0 B**

4.

SEEDER

```
use Illuminate\Support\Facades\DB;

0 references | 0 implementations
class LevelSeeder extends Seeder
{
    /**
     * Run the database seeds.
     */
    0 references | 0 overrides
    public function run(): void
    {
        $data = [
            ['level_id' => 1, 'level_kode' => 'ADM', 'level_nama' => 'Administrator'],
            ['level_kode' => 'MNG', 'level_id' => 2, 'level_nama' => 'Manager'],
            ['level_id' => 3, 'level_kode' => 'STF', 'level_nama' => 'Staff/Kasir'],
        ];
        DB::table('m_level')->insert($data);
    }
}
```

1.

```php
class UserSeeder extends Seeder
{
    /**
     * Run the database seeds.
     */
    0 references | 0 overrides
    public function run(): void
    {
        $data = [
            [
                'user_id' => 1,
                'level_id' => 1,
                'username' => 'admin',
                'nama' => 'Administrator',
                'password' => Hash::make('12345'),
            ],
            [
                'user_id' => 2,
                'level_id' => 2,
                'username' => 'manager',
                'nama' => 'Manager',
                'password' => Hash::make('12345'),
            ],
            [
                'user id' => 3,
                'level_id' => 3,
                'username' => 'staff',
                'nama' => 'Staff/Kasir',
                'password' => Hash::make('12345'),
            ],
```

2.

3.

```php
class PenjualanDetailSeeder extends Seeder
8

    0 references | 0 overrides
13      public function run(): void
14      {
15          $data = [
16              ['detail_id' => 1, 'id_penjualan' => 1, 'barang_id' => 1, 'harga' => 11000000, 'jumlah' => 11],
17              ['detail_id' => 2, 'id_penjualan' => 1, 'barang_id' => 2, 'harga' => 12000000, 'jumlah' => 22],
18              ['detail_id' => 3, 'id_penjualan' => 1, 'barang_id' => 3, 'harga' => 13000000, 'jumlah' => 33],
19              ['detail_id' => 4, 'id_penjualan' => 2, 'barang_id' => 4, 'harga' => 14000000, 'jumlah' => 44],
20              ['detail_id' => 5, 'id_penjualan' => 2, 'barang_id' => 5, 'harga' => 15000000, 'jumlah' => 55],
21              ['detail_id' => 6, 'id_penjualan' => 2, 'barang_id' => 6, 'harga' => 6000000, 'jumlah' => 66],
22              ['detail_id' => 7, 'id_penjualan' => 3, 'barang_id' => 7, 'harga' => 7000000, 'jumlah' => 77],
23              ['detail_id' => 8, 'id_penjualan' => 3, 'barang_id' => 8, 'harga' => 8000000, 'jumlah' => 88],
24              ['detail_id' => 9, 'id_penjualan' => 3, 'barang_id' => 9, 'harga' => 9000000, 'jumlah' => 99],
25              ['detail_id' => 10, 'id_penjualan' => 4, 'barang_id' => 10, 'harga' => 10000000, 'jumlah' => 100],
26              ['detail_id' => 11, 'id_penjualan' => 4, 'barang_id' => 1, 'harga' => 11000000, 'jumlah' => 111],
27              ['detail_id' => 12, 'id_penjualan' => 4, 'barang_id' => 2, 'harga' => 12000000, 'jumlah' => 112],
28              ['detail_id' => 13, 'id_penjualan' => 5, 'barang_id' => 3, 'harga' => 13000000, 'jumlah' => 113],
29              ['detail_id' => 14, 'id_penjualan' => 5, 'barang_id' => 4, 'harga' => 14000000, 'jumlah' => 114],
30              ['detail_id' => 15, 'id_penjualan' => 5, 'barang_id' => 5, 'harga' => 15000000, 'jumlah' => 115],
31              ['detail_id' => 16, 'id_penjualan' => 6, 'barang_id' => 6, 'harga' => 16000000, 'jumlah' => 116],
32              ['detail_id' => 17, 'id_penjualan' => 6, 'barang_id' => 7, 'harga' => 17000000, 'jumlah' => 117],
33              ['detail_id' => 18, 'id_penjualan' => 6, 'barang_id' => 8, 'harga' => 18000000, 'jumlah' => 118],
34              ['detail_id' => 19, 'id_penjualan' => 7, 'barang_id' => 9, 'harga' => 19000000, 'jumlah' => 119],
35              ['detail_id' => 20, 'id_penjualan' => 7, 'barang_id' => 10, 'harga' => 20000000, 'jumlah' => 210],
36              ['detail_id' => 21, 'id_penjualan' => 7, 'barang_id' => 1, 'harga' => 21000000, 'jumlah' => 211],
37              ['detail_id' => 22, 'id_penjualan' => 8, 'barang_id' => 2, 'harga' => 22000000, 'jumlah' => 212],
38              ['detail_id' => 23, 'id_penjualan' => 8, 'barang_id' => 3, 'harga' => 23000000, 'jumlah' => 213],
39              ['detail_id' => 24, 'id_penjualan' => 8, 'barang_id' => 4, 'harga' => 24000000, 'jumlah' => 214],
40              ['detail_id' => 25, 'id_penjualan' => 9, 'barang_id' => 5, 'harga' => 25000000, 'jumlah' => 215],
41              ['detail_id' => 26, 'id_penjualan' => 9, 'barang_id' => 6, 'harga' => 26000000, 'jumlah' => 216],
42              ['detail_id' => 27, 'id_penjualan' => 9, 'barang_id' => 7, 'harga' => 27000000, 'jumlah' => 271],
43              ['detail_id' => 28, 'id_penjualan' => 10, 'barang_id' => 8, 'harga' => 28000000, 'jumlah' => 281],
44              ['detail_id' => 29, 'id_penjualan' => 10, 'barang_id' => 9, 'harga' => 29000000, 'jumlah' => 291],
45              ['detail_id' => 30, 'id_penjualan' => 10, 'barang_id' => 10, 'harga' => 30000000, 'jumlah' => 301],
46          ];
47          DB::table('t_penjualan_detail')->insert($data);
48      }
49  }
50
```
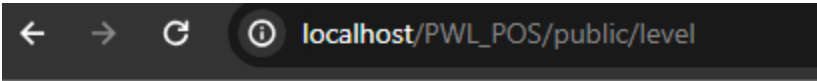
DB FACADE

localhost/PWL_POS/public/level

Insert data baru berhasil

1.

localhost/PWL_POS/public/level

Update data berhasil. Jumlah data yang diupdate: 1 baris

2.

localhost/PWL_POS/public/level

Delete data berhasil. Jumlah data yang dihapus: 1 baris

3.

Data Level Pengguna

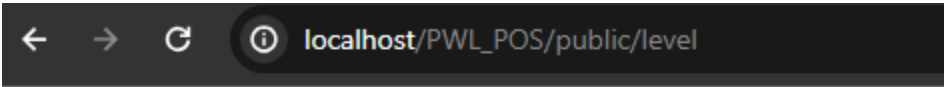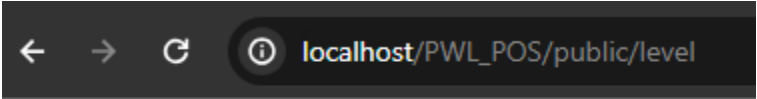| ID	Kode Level	Nama Level
1	ADM	Administrator
2	MNG	Manager
3	STF	Staff/Kasir

4.

QUERY BUILDER

Insert data baru berhasil

1.
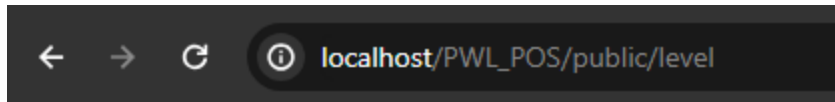

Update data berhasil. Jumlah data yang diupdate: 1 baris

2.

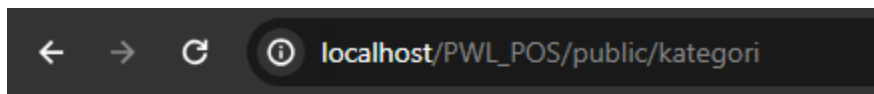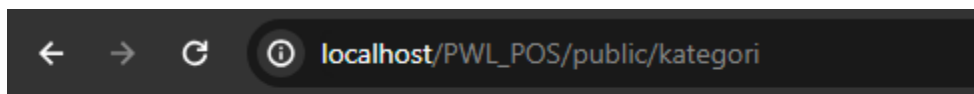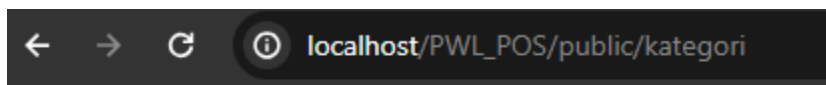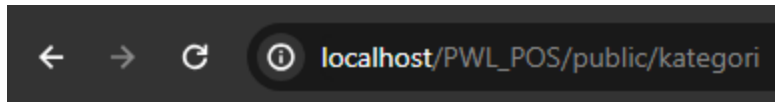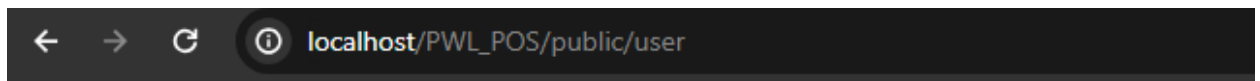Delete data berhasil. Jumlah data yang dihapus: 1 baris

3.

localhost/PWL_POS/public/kategori

Data Kategori

ID	Kode Kategori	Nama Kategori
1	KT1	CPU
2	KT2	VGA
3	KT3	RAM
4	KT4	SSD
5	KT5	PSU

4.

ELOQUENT ORM

localhost/PWL_POS/public/user

Data User

ID	Username	Nama	ID Level Pengguna
1	admin	Administrator	1
2	manager	Manager	2
3	staff	Staff/Kasir	3

1.

Data User

ID	Username	Nama	ID Level Pengguna
1	admin	Administrator	1
2	manager	Manager	2
3	staff	Staff/Kasir	3
4	customer-1	Pelanggan	2

2.