UJIAN AKHIR SEMESTER (UAS)

MANAJEMEN BASIS DATA

Disusun oleh :

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UNIVERSITAS NEGERI SURABAYA

PROGRAM VOKASI

PROGRAM STUDI D IV MANAJEMEN INFORMATIKA

TAHUN AJARAN 2022/2023

1. Buat Migration Files

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL                                  powershell

PS C:\xampp\htdocs\uasmbd> php artisan make:migration create_suppliers_table

  INFO  Migration [C:\xampp\htdocs\uasmbd\database\migrations/2023_06_15_095904_create_suppliers_table.php] created successful
ly.

PS C:\xampp\htdocs\uasmbd> php artisan make:migration create_products_table

  INFO  Migration [C:\xampp\htdocs\uasmbd\database\migrations/2023_06_15_095938_create_products_table.php] created successfull
y.

PS C:\xampp\htdocs\uasmbd> php artisan make:migration create_categories_table
```

2. Ubah File Migration

database > migrations > 2023_06_15_095904_create_suppliers_table.php

```php
<?php

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

return new class extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('suppliers', function (Blueprint $table) {
            $table->id('SupplierID')->primary;
            $table->string('CompanyName');
            $table->string('ContactName');
            $table->string('ContactTitle');
            $table->string('Address');
            $table->string('City');
            $table->string('Region');
            $table->string('PostalCode');
            $table->timestamps();
        });
    }
```

3. Migrate

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL                                  powershell

PS C:\xampp\htdocs\uasmbd> php artisan migrate --seed

  INFO  Running migrations.

  2023_06_15_095904_create_suppliers_table ..... 37ms DONE
  2023_06_15_095938_create_products_table ..... 25ms DONE
  2023_06_15_100040_create_categories_table ..... 19ms DONE
  2023_06_15_100119_create_customers_table ..... 41ms DONE
  2023_06_15_100147_create_employees_table ..... 36ms DONE
  2023_06_15_100224_create_orders_table ..... 22ms DONE
  2023_06_15_100251_create_order_details_table ..... 22ms DONE
  2023_06_15_100636_create_shippers_table ..... 29ms DONE

  INFO  Seeding database.
```

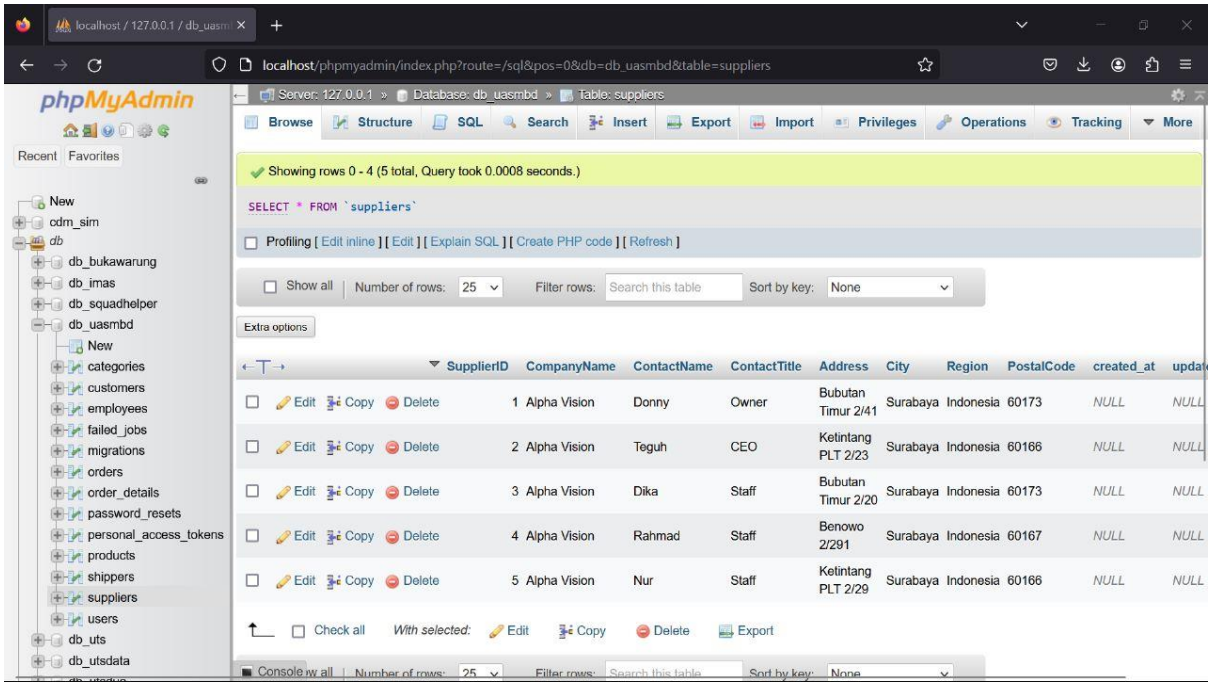
4. Buat Seeder

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL                                  powershell

PS C:\xampp\htdocs\uasmbd> php artisan make:seeder Orders

  INFO  Seeder [C:\xampp\htdocs\uasmbd\database/seeders/Orders.php] created successfully.

PS C:\xampp\htdocs\uasmbd> php artisan make:seeder Shippers

  INFO  Seeder [C:\xampp\htdocs\uasmbd\database/seeders/Shippers.php] created successfully.

PS C:\xampp\htdocs\uasmbd>
```

5. Ubah File Seeder

```php
class Suppliers extends Seeder
{
    /**
     * Run the database seeds.
     *
     * @return void
     */
    public function run()
    {
        DB::table('nama_tabel')->insert([
            [
                'SupplierID'    => '0001',
                'CompanyName'   => 'Alpha Vision',
                'ContactName'   => 'Donny',
                'ContactTitle'  => 'Owner',
                'Address'       => 'Bubutan Timur 2/41',
                'City'          => 'Surabaya',
                'Region'        => 'Indonesia',
                'PostalCode'    => '60173'
            ],
            [
                'SupplierID'    => '0002',
                'CompanyName'   => 'Alpha Vision',
                'ContactName'   => 'Teguh',
                'ContactTitle'  => 'CEO',
                'Address'       => 'Ketintang PLT 2/23',
                'City'          => 'Surabaya',
                'Region'        => 'Indonesia',
                'PostalCode'    => '60166',
            ],
```

6. Seeder


localhost / 127.0.0.1 / db_uasmbd
localhost/phpmyadmin/index.php?route=/sql&pos=0&db=db_uasmbd&table=suppliers
phpMyAdmin
Recent Favorites
New
cdm_sim
db
db_bukawarung
db_imas
db_squadhelper
db_uasmbd
New
categories
customers
employees
failed_jobs
migrations
orders
order_details
password_resets
personal_access_tokens
products
shippers
suppliers
users
db_uts
db_utsdata
Server: 127.0.0.1 » Database: db_uasmbd » Table: suppliers
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking More
Showing rows 0 - 4 (5 total, Query took 0.0008 seconds.)
SELECT * FROM `suppliers`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all Number of rows: 25 Filter rows: Search this table Sort by key: None
Extra options
SupplierID CompanyName ContactName ContactTitle Address City Region PostalCode created_at
1 Alpha Vision Donny Owner Bubutan Timur 2/41 Surabaya Indonesia 60173 NULL
2 Alpha Vision Teguh CEO Ketintang PLT 2/23 Surabaya Indonesia 60166 NULL
3 Alpha Vision Dika Staff Bubutan Timur 2/20 Surabaya Indonesia 60173 NULL
4 Alpha Vision Rahmad Staff Benowo 2/291 Surabaya Indonesia 60167 NULL
5 Alpha Vision Nur Staff Ketintang PLT 2/29 Surabaya Indonesia 60166 NULL
Edit Copy Delete
Check all With selected: Edit Copy Delete Export