LARAVEL Eloquent ->Object Relational Maker (ORM)

1. Creating a new project

```
SAKA@SAKA MINGW64 /c/xampp/htdocs
$ composer create-project laravel/laravel thetechs
Creating a "laravel/laravel" project at "./thetechs"
Info from https://repo.packagist.org: #StandWithUkraine
```

2. Object Relational Maker (ORM)/ Eloquent

```
SAKA@SAKA MINGW64 /c/xampp/htdocs
$ composer require laravel-frontend-presets/tailwindcss --dev
https://repo.packagist.org could not be fully loaded (curl error 28 while downloading
10001 milliseconds with 0 out of 0 bytes received), package information was loaded f
Using version ^4.3 for laravel-frontend-presets/tailwindcss
```

3. Generate styles (css and js

```
SAKA@SAKA MINGW64 /c/xampp/htdocs/thetechs
$ npm install
npm WARN deprecated querystring@0.2.0: The querystring
e URLSearchParams API instead
```

```
SAKA@SAKA MINGW64 /c/xampp/htdocs/thetechs
$ npm run dev
```

Repeat the command *npm run dev* **to complete the process**

4. Making model called car

```
SAKA@SAKA MINGW64 /c/xampp/htdocs
$ php artisan make:model car -m
```

5. Creating a controller with resource for-> index, store, create, destroy, update, …

```
SAKA@SAKA MINGW64 /c/xampp/htdocs
$ php artisan make: controller CarsControler --resource
```

6. Creating authentication

```
SAKA@SAKA MINGW64 /c/xampp/htdocs/thetechs
$ composer require laravel/ui
Info from https://repo.packagist.org: #StandWithUkraine
Using version ^3.4 for laravel/ui
```

```
SAKA@SAKA MINGW64 /c/xampp/htdocs/hanemaezu.foundation.com
$ php artisan ui tailwindcss --auth
Tailwind CSS scaffolding installed successfully.
Tailwind CSS auth scaffolding installed successfully.
Please run "npm install && npm run dev" to compile your fresh scaffolding.

SAKA@SAKA MINGW64 /c/xampp/htdocs/hanemaezu.foundation.com
$ npm install && npm run dev
npm WARN deprecated chokidar@2.1.8: Chokidar 2 does not receive security updates since 2019. Upgrade to
```
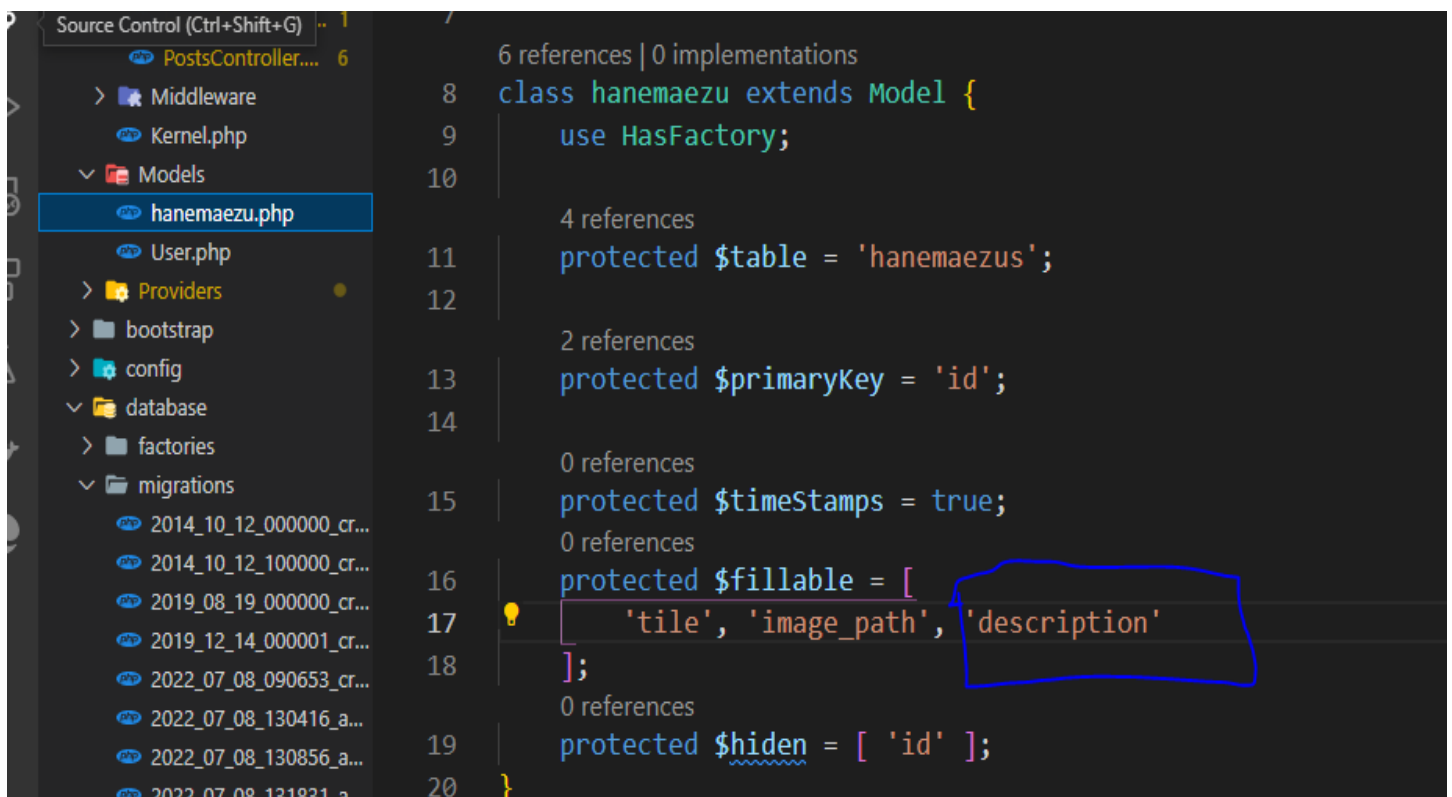
OR Use the code bellow for authentication

```
SAKA@SAKA MINGW64 /c/xampp/htdocs/thetechs
$ php artisan ui:auth
```

<u>**ADDIND A NEW COLUMN**</u>

Before adding a new column to an existing table add the column name to the model class as shown below:

Run *make:migration* command

```
SAKA@SAKA MINGW64 /c/xampp/htdocs/hanemaezu.foundation
$ php artisan make:migration add_description_to_hanemaezus
Created Migration: 2022_07_08_130856_add_description_to_hanemaezus

SAKA@SAKA MINGW64 /c/xampp/htdocs/hanemaezu.foundation
```

which will generate a migration file shown below:

```
14    public function up()
15    {
16        Schema::table('hanemaezus', function (Blueprint $table) {
17            //
18        });
19    }
20
21    /**
22     * Reverse the migrations.
23     *
24     * @return void
25     */
      0 references | 0 overrides
26    public function down()
27    {
28        Schema::table('hanemaezus', function (Blueprint $table) {
29            //
30        });
31    }
```

Fil the column name on the file to adjust it as shown ie. Description

```
14    public function up()
15    {
16        Schema::table('hanemaezus', function (Blueprint $table) {
17
18            $table->string('description');
19        });
20    }
21
22    /**
23     * Reverse the migrations.
24     *
25     * @return void
26     */
      0 references | 0 overrides
27    public function down()
28    {
29        Schema::table('hanemaezus', function (Blueprint $table) {
30            $table->dropColumn('description');
31        });
32    }
33 }
```

Then run migration as shown:

```
SAKA@SAKA MINGW64 /c/xampp/htdocs/hanemaezu.foundation
$ php artisan migrate
Migrating: 2022_07_08_130856_add_description_to_hanemaezus
Migrated:  2022_07_08_130856_add_description_to_hanemaezus (144.45ms)
```