use the make:migration command to generate a new database migration for our tasks table:

php artisan make:migration create\_tasks\_table --create=tasks

To run our migrations

php artisan migrate

### Eloquent Models

[Eloquent](http://laravel.com/docs/5.1/eloquent) is Laravel's default ORM (object-relational mapper). Eloquent makes it painless to retrieve and store data in your database using clearly defined "models". Usually, each Eloquent model corresponds directly with a single database table.

#### The Task Model

So, let's define a Task model that corresponds to our tasks database table we just created.

php artisan make:model Task

we will state that the name attribute on the model should be "mass-assignable":

in app/task.php

<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class Task extends Model

{

/\*\*

\* The attributes that are mass assignable.

\*

\* @var array

\*/

protected $fillable = ['name'];

}

In Laravel, all HTML templates are stored in the resources/views directory, and we can use the view helper to return one of these templates from our route:

#### Authentication Routes

we still need to create the registration and login templates as well as define the routes to point to the authentication controller. First, let's add the routes we need to our **app/Http/routes.php** file:

### The Task Controller

Since we know we're going to need to retrieve and store tasks, let's create a TaskController using the Artisan CLI, which will place the new controller in the **app/Http/Controllers** directory:

php artisan make:controller TaskController --plain

To require an authenticated users for all actions on the controller, we can add a call to the middleware method from the controller's constructor.

<?php

namespace App\Http\Controllers;

use App\Http\Requests;

use Illuminate\Http\Request;

use App\Http\Controllers\Controller;

class TaskController extends Controller

{

/\*\*

\* Create a new controller instance.

\*

\* @return void

\*/

public function \_\_construct()

{

$this->middleware('auth');

}

}

**Migration**

create new table

php artisan make:migration create\_article\_table –create =”articles”

then modify the fields

then issue command

php artisan migrate

to add a new column

php artisan make:migrate add\_newcolumn\_to\_article\_table –table=”articles”

modify the fields

then issue command

php artisan migrate

**Admin lte**

composer create-project laravel/laravel laravel-with-admin-lte --prefer-dist

cd laravel-with-admin-lte

Add admint-lte Laravel package with:

$ composer require "acacha/admin-lte-template-laravel:1.\*"

Register ServiceProvider editing config/app.php file and adding to providers array:

// AdminLTE template provider

Acacha\AdminLTETemplateLaravel\app\Providers\AdminLTETemplateServiceProvider::class,

Publish files with:

$ php artisan vendor:publish --force --provider="Acacha\AdminLTETemplateLaravel\app\Providers\AdminLTETemplateServiceProvider"

// adding users

php artisan tinker

$user = new App\User;

$user->name = 'superadmin';

$user->email = 'me@beladna.net';

=> "me@beladna.net"

>>> $user->password = bcrypt('tantarika4');

=> "$2y$10$LLn98BpKgwyeFYIxDwovFuSNNEsRaUl5INirKrxdKUdb0GjHxfMIu"

$user->save();

// to make a model vlist

php artisan make:model Vlist

//make controller

php artisan make:controller VlistController --plain