

Crear migració a la taula tasks . Ha de tenir els camps (id, name, description i completed)
Haremos un php artisan make:migration create_tasks para generar un archivo de migraciones:

```
MP09_PRACT2 git:(main) ✗ php artisan make:migration create_tasks

INFO Migration [database/migrations/2024_01_22_161942_create_tasks.php] created successfully.
```

Ahora dentro del archivo que nos ha creado tendremos que añadir los campos name,description y completed (id y timestamps ya estaban creados):

```
no usages
public function up(): void
{
    Schema::create( table: 'tasks', function (Blueprint $table) {
        $table->id();
        $table->string( column: 'name');
        $table->string( column: 'description');
        $table->string( column: 'completed');
        $table->timestamps();
    });
}
```

Despues tendremos que hacer un php artisan migrate:refresh --seed:

```
MP09_PRACT2 git:(main) ✗ php artisan migrate:refresh --seed

INFO Rolling back migrations.

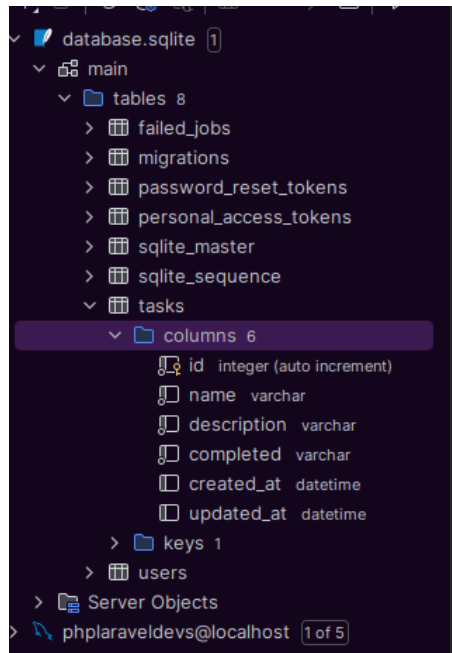
2024_01_22_163231_create_tasks ..... 6ms DONE
2019_12_14_000001_create_personal_access_tokens_table ..... 6ms DONE
2019_08_19_000000_create_failed_jobs_table ..... 6ms DONE
2014_10_12_100000_create_password_reset_tokens_table ..... 6ms DONE
2014_10_12_000000_create_users_table ..... 6ms DONE

INFO Running migrations.

2014_10_12_000000_create_users_table ..... 11ms DONE
2014_10_12_100000_create_password_reset_tokens_table ..... 6ms DONE
2019_08_19_000000_create_failed_jobs_table ..... 11ms DONE
2019_12_14_000001_create_personal_access_tokens_table ..... 16ms DONE
2024_01_22_163231_create_tasks ..... 5ms DONE

INFO Seeding database.
```

La tabla que acabamos de crear:



Crear factory

```
<?php

namespace Database\Factories;

use Illuminate\Database\Eloquent\Factories\Factory;
use Illuminate\Support\Facades\Hash;
use Illuminate\Support\Str;

/**
 * @extends \Illuminate\Database\Eloquent\Factories\Factory<\App\Models\User>
 */
no usages new *
class TaskFactory extends Factory
{
    /**
     * Define the model's default state.
     *
     * @return array<string, mixed>
     */
    no usages new *
    public function definition(): array
    {
        return [
            'name' => $this->faker->name(),
            'description' => $this->faker->unique()->safeEmail(),
            'completed' => $this->faker->randomElement([0, 1])
        ];
    }
}
```

Crear seed

Haremos un php artisan make:seeder TaskSeeder

```
MP09_PRACTIZ git:(main) ✗ php artisan make:seeder TaskSeeder

INFO Seeder [database/seeder/TaskSeeder.php] created successfully.
```

Ahora al archivo que nos acaba de crear lo tendremos que modificar

```
<?php

namespace Database\Seeders;

use Illuminate\Database\Console\Seeds\WithoutModelEvents;
use Illuminate\Database\Seeder;

no usages
class TaskSeeder extends Seeder
{
    /**
     * Run the database seeds.
     */
    public function run(): void
    {
        \App\Models\Task::factory(count( value: 10 ))->create();
    }
}
```

Crear inserts a partir del seed

Tendremos que hacer un php artisan db:seed --class=TaskSeeder:

```
MP09_PRACT2 git:(main) ✗ php artisan db:seed --class=TaskSeeder
```

```
INFO Seeding database.
```

Vista de la tabla que acabamos de crear:

	id	name	description	completed	created_at	updated_at
1	1	Nombre	Descripcion	1	1706030271000	1706030306000
2	2	Noemi Thiel	moen.carlos@examp...	0	2024-01-24 19:35:...	2024-01-24 19:35:...
3	3	Isabella Boehm	purdy.ted@example...	0	2024-01-24 19:35:...	2024-01-24 19:35:...
4	4	Afton Kertzmann	brady.wilkinson@e...	1	2024-01-24 19:35:...	2024-01-24 19:35:...
5	5	Mrs. Cleora Hirthe	vnicholas@example...	0	2024-01-24 19:35:...	2024-01-24 19:35:...
6	6	Dr. Maiya Stroman	xmueller@example...	1	2024-01-24 19:35:...	2024-01-24 19:35:...
7	7	Jean Gleichner	lauretta57@examp...	0	2024-01-24 19:35:...	2024-01-24 19:35:...
8	8	Alfonzo Wunsch	zlesch@example.net	1	2024-01-24 19:35:...	2024-01-24 19:35:...
9	9	Dr. Murl Legros II	imacejkovic@examp...	1	2024-01-24 19:35:...	2024-01-24 19:35:...
10	10	Mustafa Harber Sr.	cjacobson@example...	0	2024-01-24 19:35:...	2024-01-24 19:35:...
11	11	Elyse Gleason	blynch@example.com	1	2024-01-24 19:35:...	2024-01-24 19:35:...

Crear controlador de tasks

Haremos un php artisan make:controller TaskController:

```
→ MP09_PRACT2 git:(main) ✗ php artisan make:controller TaskController
```

```
INFO Controller [app/Http/Controllers/TaskController.php] created successfully.
```

Y ahora editaremos el archivo que nos acaba de crear:

```
<?php

namespace App\Http\Controllers;

use App\Models\Task;

no usages
class TaskController extends Controller
{
    no usages
    function index(){
        return view('view: 'tasks',[
            'tasks' => Task::all()
        ]);
    }
}
```

Crear model de tasks

Crearemos el model de tasks haciendo un php artisan make:model Task

```
→ MP09_PRACT2 git:(main) × php artisan make:model Task

INFO Model [app/Models/Task.php] created successfully.
```

Al archivo que nos acaba de crear lo modificaremos los campos de la tablas:

```
<?php

namespace App\Models;

use ...

3 usages
class Task extends Model
{
    use HasFactory;

    no usages
    protected $fillable=[
        'name',
        'description',
        | 'completed',
    ];
}
```

Crear ruta a routes/web.php i afegir la nova ruta al navegador al fitxer resources/views/components/layout.blade.php

```
Route::get(uri: '/', [UserController::class, 'index']);
Route::get(uri: '/users', [UserController::class, 'index']);
Route::get(uri: '/contact', [UserController::class, 'contact']);
Route::get(uri: '/about', [UserController::class, 'about']);
Route::get(uri: '/tasks', [\App\Http\Controllers\TaskController::class, 'tasks']);
```

Crear la vista tasks.blade.php

object ▾

> config

> database

> public

> resources

> css

> js

> views

> api

> auth

> components

> emails

> layouts

> profile

about.blade.php

contact.blade.php

dashboard.blade.php

navigation-menu.blade.p

policy.blade.php

tasks.blade.php

terms.blade.php

users.blade.php

welcome.blade.php

tasks.blade.php x

1 <x-layout>

2 <div class="bg-gray-800 pb-32">

3

4 <div class="py-10">

5 <div class="mx-auto max-w-7xl px-4 sm:px-6 lg:px-8">

6 <h1 class="text-3xl font-bold tracking-tight text-white">

7 </div>

8 </div>

9 </div>

10

11 <main class="-mt-32">

12 <div class="mx-auto max-w-7xl px-4 pb-12 sm:px-6 lg:px-8">

13 <div class="rounded-lg bg-white px-5 py-6 shadow sm:px-6">

14

15

16 <div class="px-4 sm:px-6 lg:px-8">

17 <div class="mt-8 flow-root">

18 <div class="mx-4 -my-2 overflow-x-auto sm:mx-

19 <div class="inline-block min-w-full py-2 al

20 <table class="min-w-full divide-y divid

21 <thead>

Y prueba de la pagina:

127.0.0.1:8000/tasks

Usuaris

Contact

About

Tasques

Tasks

Id	Nom	Descripció	Completada
1	Nombre	Descripcion	1
2	Noemi Thiel	moen.carlos@example.org	0
3	Isabella Boehm	purdy.ted@example.com	0
4	Afton Kertzmann	brady.wilkinson@example.com	1
5	Mrs. Cleora Hirthe	vnicolas@example.com	0
6	Dr. Maiya Stroman	xmueller@example.com	1
7	Jean Gleichner	lauretta57@example.net	0
8	Alfonzo Wunsch	zlesch@example.net	1
9	Dr. Muri Legros II	imacejkovic@example.com	1
10	Mustafa Harber Sr.	cjacobson@example.com	0
11	Elyse Gleason	blynch@example.com	1