

TASKS:

```
[alumine@amine]~/PhpstormProjects/LaraVel
$php artisan make_migration create_tasks_table

Command "make_migration" is not defined.

Do you want to run "make:migration" instead? (yes/no) [no]:
> yes

INFO Migration [database/migrations/2024_01_08_174920_create_tasks_table.php] created successfully.
```

Ara dins de la taula tasks, creem els camps adients.

```
php 2024_01_08_174920_create_tasks_table.php x
1  <?php
2
3  > use ...
6
7  return new class extends Migration
8  {
9      /**
10       * Run the migrations.
11       */
12       no usages
13       public function up(): void
14       {
15           Schema::create( table: 'tasks', function (Blueprint $table) {
16               $table->id();
17               $table->string( column: 'name');
18               $table->string( column: 'description');
19               $table->string( column: 'completed')->default( value: false);
20               $table->timestamps();
21           });
22       }
23   }
```

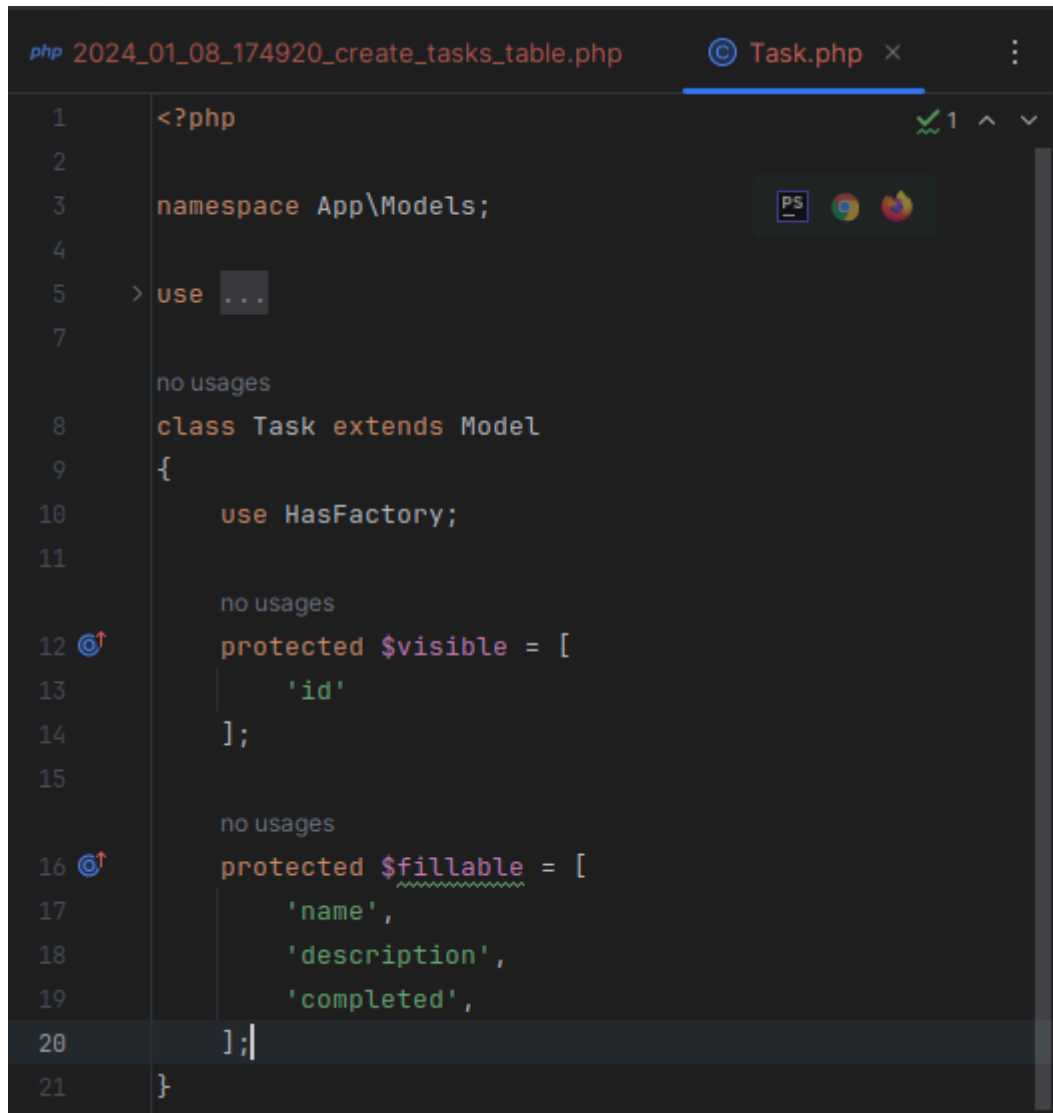
Creem el model Task.

```
[alumine@amine]~/PhpstormProjects/LaraVel
$php artisan make:model Task

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

Amine Sbaay

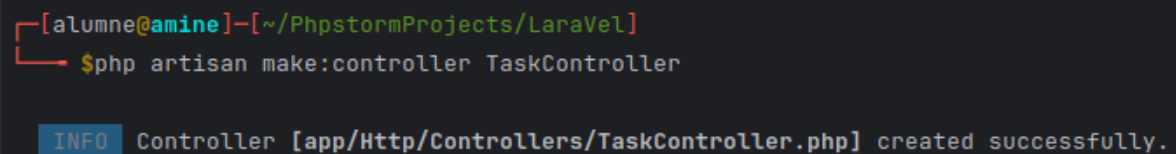
Modifico el model amb els paràmetres corresponents.



The screenshot shows a code editor with a dark theme. The top bar indicates the current file is 'Task.php' and shows a copyright symbol. The code is written in PHP and defines a 'Task' class that extends a 'Model' class. The class includes two protected static arrays: '\$visible' and '\$fillable'. The '\$visible' array contains 'id'. The '\$fillable' array contains 'name', 'description', and 'completed'. The code is as follows:

```
1 <?php
2
3 namespace App\Models;
4
5 > use ...
6
7
8 class Task extends Model
9 {
10     use HasFactory;
11
12     no usages
13     protected $visible = [
14         'id'
15     ];
16
17     no usages
18     protected $fillable = [
19         'name',
20         'description',
21         'completed',
22     ];
23 }
```

Ara creem el controlador.



The screenshot shows a terminal window with the following text:

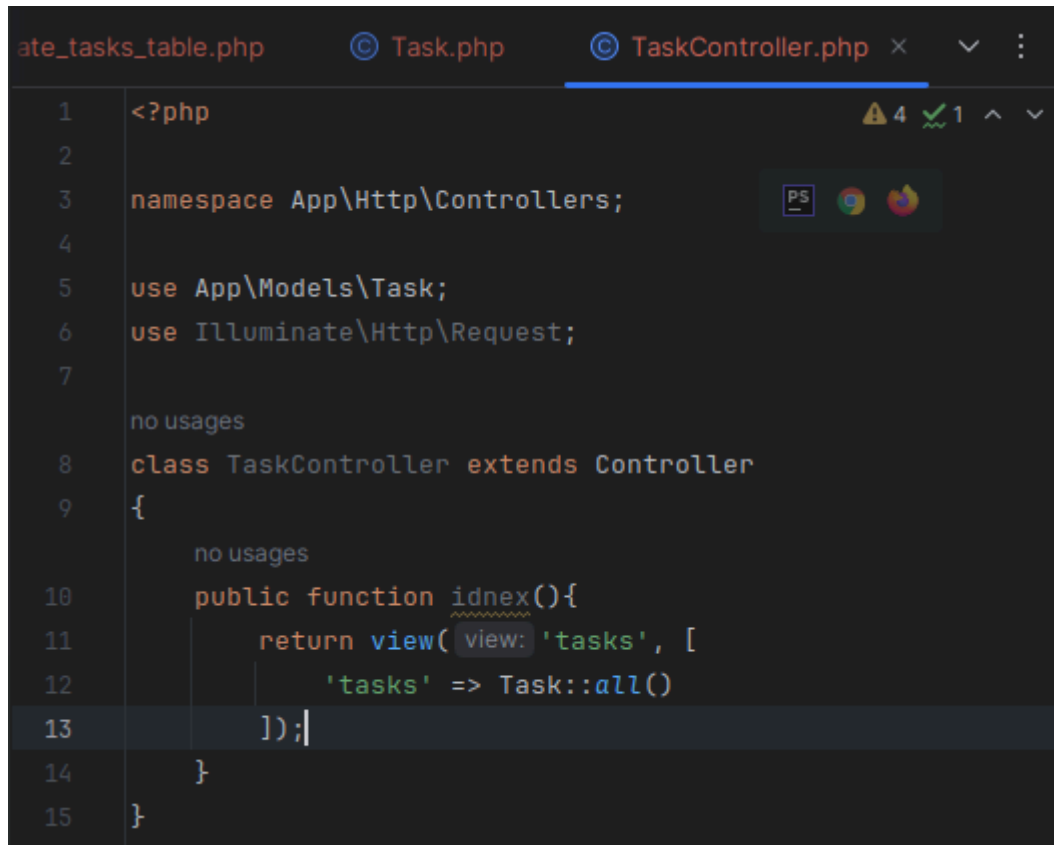
```
[alumine@amine] - [~/PhpstormProjects/Laravel]
$php artisan make:controller TaskController
```

Below the command, there is an information message in a blue box:

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

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Cridem a la vista tasks dins del controlador.



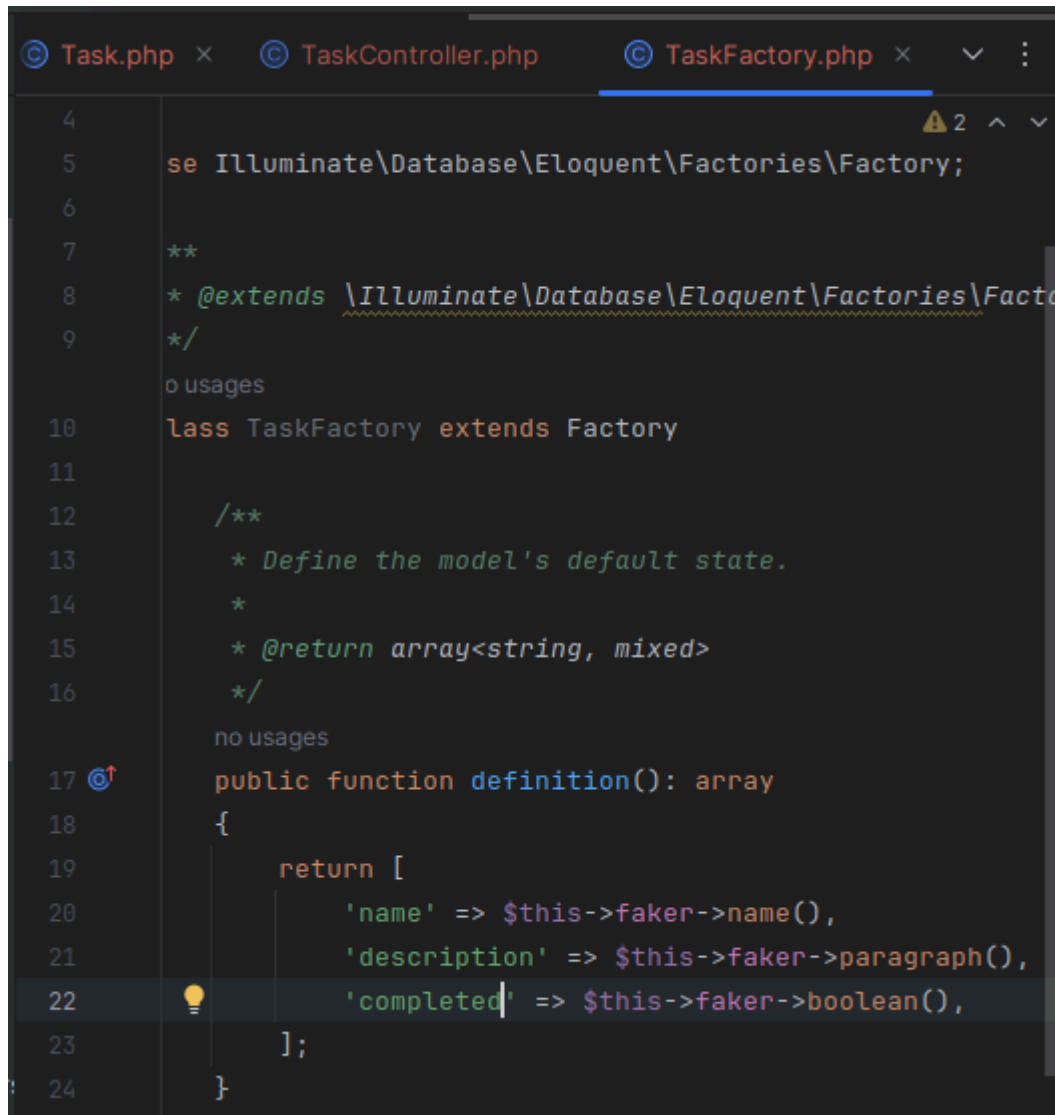
```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use App\Models\Task;
6 use Illuminate\Http\Request;
7
8 no usages
9 class TaskController extends Controller
10 {
11     no usages
12     public function idnex(){
13         return view('view: 'tasks', [
14             'tasks' => Task::all()
15         ]);
16     }
17 }
```

Ara creem el Task Factory.

```
[alumine@amine] - [~/PhpstormProjects/Laravel]
$php artisan make:factory TaskFactory

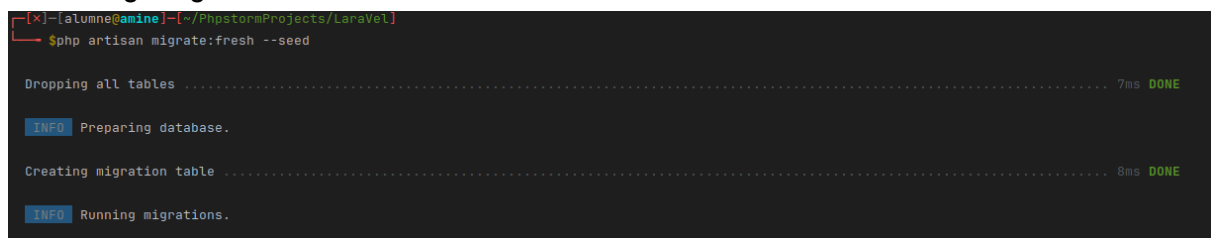
INFO Factory [database/factories/TaskFactory.php] created successfully.
```

Dins del public function, creem els camps que volem per a la taula tasks.



```
4
5 use Illuminate\Database\Eloquent\Factories\Factory;
6
7 /**
8  * @extends \Illuminate\Database\Eloquent\Factories\Factory
9  */
10 no usages
11 class TaskFactory extends Factory
12 {
13     /**
14      * Define the model's default state.
15      *
16      * @return array<string, mixed>
17      */
18     no usages
19     public function definition(): array
20     {
21         return [
22             'name' => $this->faker->name(),
23             'description' => $this->faker->paragraph(),
24             'completed' => $this->faker->boolean(),
25         ];
26     }
27 }
```

Per a afegir registres de manera més eficient, creem un seed.



```
[*] [alumnegamine] [~/PhpstormProjects/LaraVel]
$ php artisan migrate:fresh --seed

Dropping all tables ..... 7ms DONE

[INFO] Preparing database.

Creating migration table ..... 8ms DONE

[INFO] Running migrations.
```

Dins del Database Seeder, afegim un registre a la taula tasks.

```

s DatabaseSeeder.php x Task.php TaskController.php TaskFactory.php
6 use Illuminate\Database\Seeder;
7
8 class DatabaseSeeder extends Seeder
9 {
10     /**
11      * Seed the application's database.
12      */
13     public function run(): void
14     {
15         // \App\Models\User::factory(10)->create();
16
17         \App\Models\Task::factory()->create([
18             'name' => 'Test User',
19             'description' => 'Descripcio Sbaay',
20             'completed' => true,
21         ]);
22     }
23 }
24

```

Afegim els registres de manera automàtica.

```

[alumine@amine] - [~/PhpstormProjects/Laravel]
$php artisan migrate --seed

INFO Nothing to migrate.

INFO Seeding database.

```

Comprovem que s'han afegit correctament.

php 2024_01_08_174920_create_tasks_table.php x tasks DatabaseSeeder.php Task.php TaskController.php TaskFactory.php

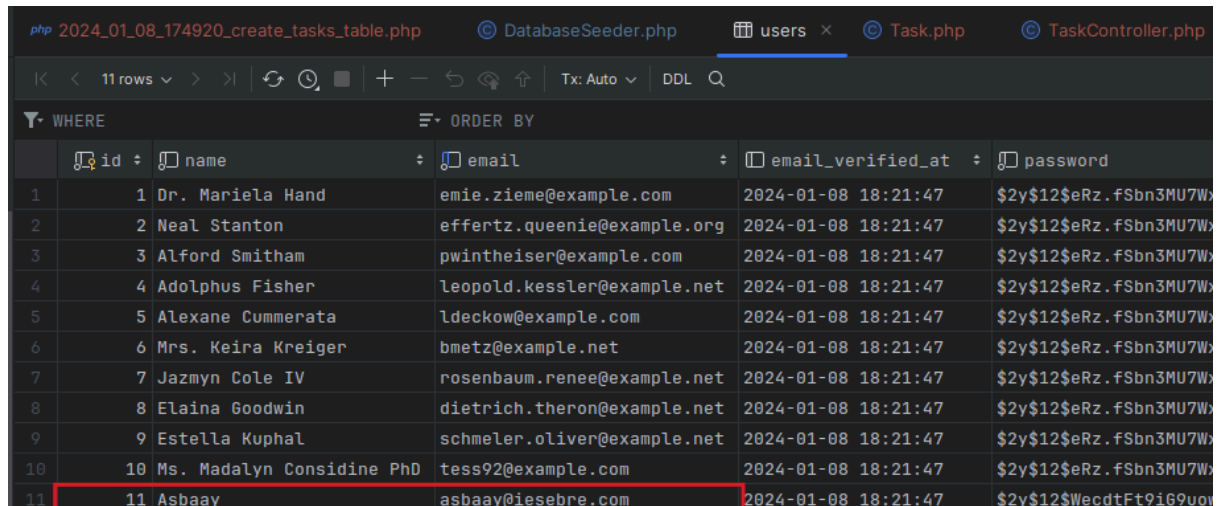
12 rows | Tx: Auto | DDL

WHERE ORDER BY

	id	name	description	completed	created_at	updated_at
1	1	Test User	Descripcio Sbaay	1	2024-01-08 18:17:20	2024-01-08 18:17:20
2	2	Makenna Mueller	Impedit ratione offi...	1	2024-01-08 18:17:47	2024-01-08 18:17:47
3	3	Mellie Jacobs	Illum amet minus exp...	1	2024-01-08 18:17:47	2024-01-08 18:17:47
4	4	Vivienne Treutel	Et sit sunt amet. Ve...	0	2024-01-08 18:17:47	2024-01-08 18:17:47
5	5	Antonetta Krajcik MD	Nihil autem expedita...	1	2024-01-08 18:17:47	2024-01-08 18:17:47
6	6	Waino O'Reilly	Earum quis et quod r...	0	2024-01-08 18:17:47	2024-01-08 18:17:47
7	7	Bernita Ondricka	Tempore voluptatem l...	1	2024-01-08 18:17:47	2024-01-08 18:17:47
8	8	Ms. Crystal Rogahn V	Deserunt est volupta...	0	2024-01-08 18:17:47	2024-01-08 18:17:47
9	9	Uriah Mante	Sit rerum tempora qu...	1	2024-01-08 18:17:47	2024-01-08 18:17:47
10	10	Sunny Davis	Dolorum tempora debi...	0	2024-01-08 18:17:47	2024-01-08 18:17:47
11	11	Murray Cummings	Quaerat qui molestia...	1	2024-01-08 18:17:47	2024-01-08 18:17:47
12	12	Test User	Descripcio Sbaay	1	2024-01-08 18:17:47	2024-01-08 18:17:47

Amine Sbaay

De la mateixa manera per a la taula usuaris.



	id	name	email	email_verified_at	password
1	1	Dr. Mariela Hand	emie.zieme@example.com	2024-01-08 18:21:47	\$2y\$12\$eRz.fSbn3MU7W...
2	2	Neal Stanton	effertz.queenie@example.org	2024-01-08 18:21:47	\$2y\$12\$eRz.fSbn3MU7W...
3	3	Alford Smitham	pwintheiser@example.com	2024-01-08 18:21:47	\$2y\$12\$eRz.fSbn3MU7W...
4	4	Adolphus Fisher	leopold.kessler@example.net	2024-01-08 18:21:47	\$2y\$12\$eRz.fSbn3MU7W...
5	5	Alexane Cummerata	ldeckow@example.com	2024-01-08 18:21:47	\$2y\$12\$eRz.fSbn3MU7W...
6	6	Mrs. Keira Kreiger	bmetz@example.net	2024-01-08 18:21:47	\$2y\$12\$eRz.fSbn3MU7W...
7	7	Jazmyn Cole IV	rosenbaum.renee@example.net	2024-01-08 18:21:47	\$2y\$12\$eRz.fSbn3MU7W...
8	8	Elaina Goodwin	dietrich.theron@example.net	2024-01-08 18:21:47	\$2y\$12\$eRz.fSbn3MU7W...
9	9	Estella Kuphal	schmeler.oliver@example.net	2024-01-08 18:21:47	\$2y\$12\$eRz.fSbn3MU7W...
10	10	Ms. Madalyn Considine PhD	tess92@example.com	2024-01-08 18:21:47	\$2y\$12\$eRz.fSbn3MU7W...
11	11	Asbaay	asbaay@iesebre.com	2024-01-08 18:21:47	\$2y\$12\$WedctFt9i69uov...

Creem la vista tasks.

```
[alumine@amine] - [~/PhpstormProjects/Laravel]
$ php artisan make:view tasks

INFO View [resources/views/tasks.blade.php] created successfully.
```

Afegim la ruta que apunti a la vista tasks.

```
18 }
19 Route::get('uri: '/tasks', [\App\Http\Controllers\TaskController::class, 'index']);
20
```

Dins de la vista tasks, modifiquem els camps per a que concorden amb els de la taula tasks

```
<tbody class="bg-white">
  @foreach($tasks as $task)
    <tr class="even:bg-gray-50">
      <td class="whitespace-nowrap py-4 pl-4 pr-3 text-sm font-medium text-gray-900 sm:pl-3">{{ $task->id }}</td>
      <td class="whitespace-nowrap px-3 py-4 text-sm text-gray-500">{{ $task->name }}</td>
      <td class="whitespace-nowrap px-3 py-4 text-sm text-gray-500">{{ $task->description }}</td>
      <td class="whitespace-nowrap px-3 py-4 text-sm text-gray-500">{{ $task->completed }}</td>
    </tr>
  </tbody>

<div class="hidden md:block">
  <div class="ml-10 flex items-baseline space-x-4">
    <!-- Current: "bg-gray-900 text-white", Default: "text-gray-300 hover:bg-gray-700 hover:text-white" -->
    <a href="/users" class="text-gray-300 hover:bg-gray-700 hover:text-white rounded-md px-3 py-2 text-sm font-medium">Users</a>
    <a href="/contact" class="text-gray-300 hover:bg-gray-700 hover:text-white rounded-md px-3 py-2 text-sm font-medium">Contact</a>
    <a href="/about" class="text-gray-300 hover:bg-gray-700 hover:text-white rounded-md px-3 py-2 text-sm font-medium">About</a>
    <a href="/tasks" class="text-gray-300 hover:bg-gray-700 hover:text-white rounded-md px-3 py-2 text-sm font-medium">Tasks</a>
  </div>
</div>
```

Finalment un “php artisan serve” i comprovem que tot funciona correctament.

```
[x]-[alumine@amine]-[~/github/MP09/LaravelApp]
$php artisan serve

INFO Server running on [http://127.0.0.1:8000].

Press Ctrl+C to stop the server
```

Comprovació:

localhost:8000/users

Usuarios

Contact

About

Tasks

USUARIS

Id	Nom	Correu	Contrasenya
1	Missouri Osinski	wlockman@example.net	\$2y\$10\$92IXUnpkjO0rOQ5byMl.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi
2	Savanah Rohan	linnie.hartmann@example.org	\$2y\$10\$92IXUnpkjO0rOQ5byMl.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi
3	Emily Cruickshank	jay.bashirian@example.com	\$2y\$10\$92IXUnpkjO0rOQ5byMl.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi
4	Elsie Rempel	leann64@example.com	\$2y\$10\$92IXUnpkjO0rOQ5byMl.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi
5	Ryan Weissnat	kallee.bartell@example.net	\$2y\$10\$92IXUnpkjO0rOQ5byMl.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi
6	Margarette Bechtelar DDS	jones.luella@example.com	\$2y\$10\$92IXUnpkjO0rOQ5byMl.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi
7	Felicity Heaney	demetrius.abbott@example.com	\$2y\$10\$92IXUnpkjO0rOQ5byMl.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi
8	Ms. Karina Wolff	adelbert.Langosh@example.org	\$2y\$10\$92IXUnpkjO0rOQ5byMl.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi

localhost:8000/tasks

Usuarios

Contact

About

Tasks

USUARIS

Id	Nom	Descripció
1	Effie Ernser	Liberò sunt esse hic laborum libero nihil fugiat. Atque vel aperiam natus molestias molestias. Soluta quibusdam aliquid exercitationem doloribus ea
2	Icie Durgan	Alliquid alias at aspernatur quo ad impedit. Sequi non est porro quod asperiores qui. Illo quia illum odit.
3	Pierce Wuckert	Ipsam enim repellat accusamus est quaerat. Dolore laudantium officis amet. Aut dignissimos ut sit rem pariatur quis nostrum.
4	Savion Toy PhD	Eum qui temporibus voluptas est aliquam dolorem. Sapiente et praesentium magnam accusamus beatae. Quidem voluptas voluptatem explicabo te
5	Prof. Rahsaan Ritchie	Esse laboriosam cum nihil laudantium in non natus. Dolores illum voluptatibus odit consequuntur et. Dolor ducimus quaerat error.
6	Test User	Descriptio Sbaay