

Crear migració a la taula tasks . Ha de tenir els camps (id, name, description i completed)

Primer creo la migració amb el artisan

```
(alumne@octavian) - [~/laravelApp]
$ php artisan make:migration create_tasks_table

PHP Warning:  Failed loading Zend extension 'xdebug' (tried: /usr/lib/php/20210902/xdebug (/usr/lib/php/20210902/xdebug: cannot open shared object file: No such file or directory), /usr/lib/php/20210902/xdebug.so (/usr/lib/php/20210902/xdebug.so: cannot open shared object file: No such file or directory)) in Unknown on line 0

PHP Warning:  Failed loading Zend extension 'xdebug' (tried: /usr/lib/php/20210902/xdebug (/usr/lib/php/20210902/xdebug: cannot open shared object file: No such file or directory), /usr/lib/php/20210902/xdebug.so (/usr/lib/php/20210902/xdebug.so: cannot open shared object file: No such file or directory)) in Unknown on line 0

[INFO] Migration [database/migrations/2024_01_08_175213_create_tasks_table.php] created successfully.
```

Dins de la carpeta database/migrations se'ns haurà creat la migració.

```
1  <?php
2
3  > use ...
4
5
6
7  return new class extends Migration
8  {
9      /**
10       * Run the migrations.
11       */
12       new *
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->boolean( column: 'completed')->default( value: false);
20           });
21       }
22
23       /**
24        * Reverse the migrations.
25        */
26       new *
27       public function down(): void
28       {
29           Schema::dropIfExists( table: 'tasks');
30       }
31   };
32
```

Ara creo el model.

```
(alumne@octavian) - [~/laravelApp]
$ php artisan make:model Tasks

PHP Warning:  Failed loading Zend extension 'xdebug' (tried:
0210902/xdebug.so: cannot open shared object file: No such f
PHP Warning:  Failed loading Zend extension 'xdebug' (tried:
0210902/xdebug.so: cannot open shared object file: No such f

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

Dins de app/models s'haurà creat el fitxer Tasks.php. Dins del fitxer creo els camps de la taula.

```
User.php DatabaseSeeder.php tasks app.php Tasks.php x
1 <?php
2
3 namespace App\Models;
4
5 > use ...
6
7
8 no usages new *
9 class Tasks extends Model
10 {
11     use HasFactory;
12
13     no usages
14     protected $visible = [
15         'id',
16     ];
17
18     no usages
19     protected $fillable = [
20         'name',
21         'description',
22         'completed',
23     ];
24 }
```

Crear controlador de tasks

Un cop haguem acabat el model creo el TaskController.

```
(alumne@octavian) - [~/laravelApp]
$ php artisan make:controller TaskController
PHP Warning:  Failed loading Zend extension 'xdebug' (tried: /usr/lib/php/20210902/xdebug.so: cannot open shared object file: No such file or directory) in Unk
PHP Warning:  Failed loading Zend extension 'xdebug' (tried: /usr/lib/php/20210902/xdebug.so: cannot open shared object file: No such file or directory) in Unk
INFO Controller [app/Http/Controllers/TaskController.php] created successfully.
```

Dins de http/controllers s'haurà creat el controller de tasks.

```
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\Tasks;
6  use Illuminate\Console\View\Components\Task;
7  use Illuminate\Http\Request;
8
9  no usages new *
10 class TaskController extends Controller
11 {
12     no usages new *
13     public function index()
14     {
15         return view( view: 'tasks',[
16             'tasks' => Tasks::all()
17         ]);
18     }
19 }
```

Crear factory

Ara creo el factory.

```
(alumne@octavian) - [~/laravelApp]
$ php artisan make:factory TaskFactory

PHP Warning:  Failed loading Zend extension 'xdebug' (tried: /usr/lib/php/20180902/xdebug.so: cannot open shared object file: No such file or directory)
PHP Warning:  Failed loading Zend extension 'xdebug' (tried: /usr/lib/php/20180902/xdebug.so: cannot open shared object file: No such file or directory)

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

S'haurà creat el fitxer dins de database/factories.

```
User.php  tasks  php app.php  Tasks.php  TaskController.php  TaskFactory.php x
1  /**
2   * @extends \Illuminate\Database\Eloquent\Factories\Factory<\App\Models\Model>
3   */
4   no usages new *
5   class TaskFactory extends Factory
6   {
7       /**
8        * Define the model's default state.
9        *
10        * @return array<string, mixed>
11        */
12        no usages new *
13        public function definition(): array
14        {
15            return [
16                'name' => $this->faker->name(),
17                'description' => $this->faker->paragraph,
18                'completed' => $this->faker->boolean,
19            ];
20        }
21    }
22 }
```

Crear seed

Al fitxer database/seeder/DatabaseSeeders.php afegeixo la linea per a tasks.

```
public function run(): void
{
    \App\Models\User::factory(count: 10)->create();
    \App\Models\Tasks::factory(count: 10)->create();

    // \App\Models\User::factory()->create([
    //     'name' => 'Test User',
    //     'email' => 'test@example.com',
    // ]);
}
```

Crear inserts a partir del seed

Un cop que tot estigui preparat ja podem fer la migració amb la seed.

```
(alumne@octavian)-[~/laravelApp]
$ php artisan migrate --seed

PHP Warning:  Failed loading Zend extension:
0210902/xdebug.so: cannot open shared object file: No such file or directory
PHP Warning:  Failed loading Zend extension:
0210902/xdebug.so: cannot open shared object file: No such file or directory

INFO  Nothing to migrate.

INFO  Seeding database.
```

tasks							
WHERE							
	id	name	description	completed	created_at	updated_at	
1	1	Melisa Fisher	Et est dolor est autem illum ...	0	2024-01-08 18:30:33	2024-01-08 18:30:33	
2	2	Citlalli Mayert	Voluptatem qui temporibus inv...	1	2024-01-08 18:30:33	2024-01-08 18:30:33	
3	3	Constantin Jacobs DVM	Amet explicabo rerum placeat ...	1	2024-01-08 18:30:33	2024-01-08 18:30:33	
4	4	Miss Estefania Runolfsdottir ...	Quas quia dolor eos repellend...	1	2024-01-08 18:30:33	2024-01-08 18:30:33	
5	5	Nathen Gutmann	Deserunt aliquam accusamus un...	0	2024-01-08 18:30:33	2024-01-08 18:30:33	
6	6	Esmeralda Heathcote	Dolor eum rerum voluptatem eu...	1	2024-01-08 18:30:33	2024-01-08 18:30:33	
7	7	Dr. Garland Greenholt I	Veritatis tenetur veniam ut. ...	0	2024-01-08 18:30:33	2024-01-08 18:30:33	
8	8	Devyn Langosh	Id perspiciatis et dolorem mo...	0	2024-01-08 18:30:33	2024-01-08 18:30:33	
9	9	Mae Leffler	Aut quisquam maiores ut non. ...	1	2024-01-08 18:30:33	2024-01-08 18:30:33	
10	10	Alexzander Satterfield	Dolorem enim debitis error qu...	0	2024-01-08 18:30:33	2024-01-08 18:30:33	

Crear la vista tasks.blade.php

Ara queda crear la view.

```
(alumneg@octavian) - [~/laravelApp]
$ php artisan make:view tasks
PHP Warning:  Failed loading Zend extension 'xdebug' (tried: /usr/lib/php
10902/xdebug: cannot open shared object file: No such file or directory),
/usr/lib/php/20210902/xdebug.so: cannot open shared object file: No such
line 0
PHP Warning:  Failed loading Zend extension 'xdebug' (tried: /usr/lib/php
10902/xdebug: cannot open shared object file: No such file or directory),
/usr/lib/php/20210902/xdebug.so: cannot open shared object file: No such
line 0

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

Craer model de tasks

Es crearà el fitxer dins de resources/views/tasks.blade.php. El contingut serà el mateix que el de users, l'únic que modifico les columnes que apareixen.

```
<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>
  @endforeach
  <!-- More people... -->
</tbody>
```

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

Dins del fitxer routes/web.php creo la ruta al controlador de tasks.

```
35 Route::get( uri: '/tasks', [\App\Http\Controllers\TasksController::class, 'index']);
```

També creo el enllaços per a que les vistes siguin accessibles desde la pàgina web.

```
</div>
<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">Usuaris</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">Tasques</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>
  </div>
</div>
```

