

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

```
example-app php artisan make:migration create_tasks_table

INFO Migration [database/migrations/2024_01_08_164412_create_tasks_table.php] created successfully.

example-app
```

Ejecuto la comanda de migració de la taula task

```
Schema::create( table: 'tasks', function (Blueprint $table) {
    $table->id();
    $table->string( column: "name");
    $table->string( column: "description");
    $table->boolean( column: "completed");
    $table->timestamps();
});
```

Estableixo els camps de la taula

Crear factory

```
→ example-app php artisan make:factory TaskFactory

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

→ example-app
```

Ejecuto la comanda de creació de factory

```
TaskFactory.php x
1  <?php
2
3  namespace Database\Factories;
4
5
6  use Illuminate\Database\Eloquent\Factories\Factory;
7
8  class TaskFactory extends Factory
9  {
10     /**
11      * Define the model's default state.
12      *
13      * @return array<string, mixed>
14      */
15     public function definition(): array
16     {
17         return [
18             'name' => $this->faker->sentence,
19             'description' => $this->faker->paragraph,
20             'completed' => $this->faker->boolean,
21         ];
22     }
23 }
```

Mostra de Factory

Crear seed

```
© DatabaseSeeder.php ×
1  <?php
2
3  namespace Database\Seeders;
4
5  // use Illuminate\Database\Console\Seeds\WithoutModelEvents;
6  use App\Models\Task;
7  use Illuminate\Database\Seeder;
8
9  class DatabaseSeeder extends Seeder
10 {
11     /**
12      * Seed the application's database.
13      */
14     public function run(): void
15     {
16         \App\Models\User::factory(count: 10)->create();
17         Task::factory(count: 10)->create();
18         // \App\Models\User::factory()->create([
19         //     'name' => 'Test User',
20         //     'email' => 'test@example.com',
21         // ]);
22     }
23 }
```

Creo el seed afegint també el User/Task::factory(10)->create();

Crear inserts a partir del seed

```
+ laravel-app php artisan migrate --seed

[INFO] Nothing to migrate.

[INFO] Seeding database.

Illuminate\Database\QueryException

SQLSTATE[HY000]: General error: 1 table tasks has no column named updated_at (Connection: sqlite, SQL: insert into "tasks" ("name", "description", "completed", "updated_at", "created_at") values (Est ut natus earum i
mpedit enim quidem., Facere eaque voluptates cumque et a eum non. Numquam magnam praesentium commodi consectetur sint. Aut voluptate cum sunt sunt rerum., 0, 2024-01-15 16:31:14, 2024-01-15 16:31:14))

at vendor/laravel/framework/src/Illuminate/Database/Connection.php:822
818 |         $this->getName(), $query, $this->prepareBindings($bindings), $e
819 |     );
820 | }
821 |
+ 822 |     throw new QueryException(
823 |         $this->getName(), $query, $this->prepareBindings($bindings), $e
824 |     );
825 | }
826 | }

+16 vendor frames

17 database/seeders/DatabaseSeeder.php:17
Illuminate\Database\Eloquent\Factories\Factory::create()
+35 vendor frames







53 artisan:37
Illuminate\Foundation\Console\Kernel::handle()

+ laravel-app php artisan migrate:fresh --seed
```

Creo els inserts a partir del seed

WHERE		ORDER BY			
	id	name	email	email_verified_at	password
1	1	Claudia Boehm	herbert04@example.org	2024-01-15 16:31:22	\$2y\$12\$sg6q068r
2	2	Jaylin Johnson	tbruen@example.com	2024-01-15 16:31:23	\$2y\$12\$sg6q068r
3	3	Mr. Winfield Littel	eroberts@example.org	2024-01-15 16:31:23	\$2y\$12\$sg6q068r
4	4	Kiana Kiehn	xwisozk@example.org	2024-01-15 16:31:23	\$2y\$12\$sg6q068r
5	5	Prof. Verna Corkery Sr.	jacobi.lisa@example.com	2024-01-15 16:31:23	\$2y\$12\$sg6q068r
6	6	Adell Kunze	moises.raynor@example.net	2024-01-15 16:31:23	\$2y\$12\$sg6q068r
7	7	Corrine McCullough	zackary.connelly@example.net	2024-01-15 16:31:23	\$2y\$12\$sg6q068r
8	8	Evangeline Kutch	janet.bode@example.net	2024-01-15 16:31:23	\$2y\$12\$sg6q068r
9	9	Ray Bernhard PhD	deangelo42@example.net	2024-01-15 16:31:23	\$2y\$12\$sg6q068r
10	10	Mr. Bradford Schaden MD	glesch@example.net	2024-01-15 16:31:23	\$2y\$12\$sg6q068r

Mostra de users

WHERE						
	 id ÷	 name ÷	 description ÷	 completed ÷	 created_at ÷	 updated_at ÷
1	1	Quis quaerat ut a...	Sunt repudiandae ...	1	2024-01-15 16:31:...	2024-01-15 16:31:...
2	2	Deserunt velit bl...	Quia praesentium ...	1	2024-01-15 16:31:...	2024-01-15 16:31:...
3	3	Nesciunt enim nih...	Minus id est dese...	0	2024-01-15 16:31:...	2024-01-15 16:31:...
4	4	Necessitatibus au...	Nemo qui dolorem ...	0	2024-01-15 16:31:...	2024-01-15 16:31:...
5	5	Esse sed quae off...	Et earum dicta to...	1	2024-01-15 16:31:...	2024-01-15 16:31:...
6	6	Ad sint optio nih...	Quasi molestias n...	0	2024-01-15 16:31:...	2024-01-15 16:31:...
7	7	Enim ut ut sapien...	Illo et architect...	0	2024-01-15 16:31:...	2024-01-15 16:31:...
8	8	Autem odio nam co...	Explicabo id cons...	0	2024-01-15 16:31:...	2024-01-15 16:31:...
9	9	Minima recusandae...	A quis a nulla mo...	1	2024-01-15 16:31:...	2024-01-15 16:31:...
10	10	Qui vero harum ex...	A odit quisquam l...	0	2024-01-15 16:31:...	2024-01-15 16:31:...

Mostra de tasks

Crear controlador de tasks

```
+ example-app php artisan make:controller TaskController

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

Creó el controlador de tasks

```
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\Task;
6
7
8  2 usages
9  class TaskController extends Controller
10 {
11     1 usage
12     public function index(): \Illuminate\
13 {
14     return view('view: 'tasks',[
15         'tasks' => Task::all()
16     ]);
17 }
```

Mostra de TaskController

Craer model de tasks

```
→ example-app php artisan make:model Task

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

Creo el model de tasks

```

1  <?php
2
3  namespace App\Models;
4
5  // use Illuminate\Contracts\Auth\MustVerifyEmail;
6  use Illuminate\Database\Eloquent\Factories\HasFactory;
7  use Illuminate\Database\Eloquent\Model;
8  use Illuminate\Foundation\Auth\User as Authenticatable;
9  use Illuminate\Notifications\Notifiable;
10 use Laravel\Sanctum\HasApiTokens;
11
12 4 usages
12 class Task extends Model
13 {
14     use HasApiTokens, HasFactory, Notifiable;
15
16     /**
17      * The attributes that are mass assignable.
18      *
19      * @var array<int, string>
20      */
21     no usages
21     protected $fillable = [
22         'name',
23         'description',
24         'completed',
25     ];
26
27     no usages
27     protected $casts = [
28         'completed' => 'boolean',
29     ];
30 }

```

Mostra de Task.php

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

```
php web.php x
1 <?php
2
3 > use ...
7
8 /*
9 |-----
10 | Web Routes
11 |-----
12 |
13 | Here is where you can register web routes for your application.
14 | routes are loaded by the RouteServiceProvider and all of them will
15 | be assigned to the "web" middleware group. Make something great!
16 |
17 */
18
19 Route::get(uri: '/', function () {
20     return view(view: 'welcome');
21 });
22 Route::get(uri: '/', [UserController::class, 'index']);
23 Route::get(uri: '/users', [UserController::class, 'index']);
24 Route::get(uri: '/tasks', [TaskController::class, 'index']);
25 Route::get(uri: '/contact', [PagesController::class, 'contact']);
26 Route::get(uri: '/about', [PagesController::class, 'about']);
```

Creo la ruta


```
<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="/tasks" class="bg-gray-900 text-white rounded-md px-3 py-2 text-sm font-medium">Tasks</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="/contact"
      class="text-gray-300 hover:bg-gray-700 hover:text-white rounded-md px-3 py-2 text-sm font-medium">Contact</a>
  </div>
```

afegeixo la nova ruta al navegador web al fitxer layout

crear la vista tasks.blade.php

```
<div class="inline-block min-w-full py-2 align-middle sm:px-6 lg:px-8">
  <table class="min-w-full divide-y divide-gray-300">
    <thead>
      <tr>
        <th scope="col" class="py-3.5 pl-4 pr-3 text-left text-sm font-semibold text-gray-900 sm:pl-3">Id</th>
        <th scope="col" class="px-3 py-3.5 text-left text-sm font-semibold text-gray-900">Nom</th>
        <th scope="col" class="px-3 py-3.5 text-left text-sm font-semibold text-gray-900">Descripcio</th>
        <th scope="col" class="px-3 py-3.5 text-left text-sm font-semibold text-gray-900">Completat</th>
      </tr>
    </thead>
    <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>
  </table>
</div>
```

Creo la vista de tasks





Users

Tasks

About

Contact



TASQUES

Id	Nom	Descripcio
1	Quis quaerat ut ab architecto.	Sunt repudiandae nesciunt officiis iure. Velit sit excepturi repellat velit non excepturi amet illo. Ex c
2	Deserunt velit blanditiis qui quisquam.	Quia praesentium voluptatem cumque vitae facere consequatur ullam. Illo voluptates distinctio qui
3	Nesciunt enim nihil optio fuga neque occaecati.	Minus id est deserunt minus dolores voluptas sed ab. Non occaecati necessitatibus qui est. Magnam
4	Necessitatibus autem dolorem quo voluptatem enim odit asperiores.	Nemo qui dolorem eaque sint sed et earum. Velit aut est optio quia libero modi. Qui veritatis non se
5	Esse sed quae officiis velit.	Et earum dicta totam illo fugit sed sequi. Aut alias aut enim et ut quo voluptatem eos. Eius doloribu
6	Ad sint optio nihil quia.	Quasi molestias necessitatibus qui id. Magni eaque magni cupiditate rerum exercitationem. Et fugit
7	Enim ut ut sapiente optio ex.	Illo et architecto repellendus tempora blanditiis deleniti. Modi perferendis et fugiat rerum. Rem dis
8	Autem odio nam consequatur provident.	Explicabo id consequatur consequatur exercitationem culpa sunt. Ut tempora est officia perscipiat
9	Minima recusandae perferendis praesentium et qui.	A quis a nulla modi excepturi non hic. Incidunt odio omnis molestiae neque voluptatibus cumque. Al
10	Qui vero harum expedita.	A odit quisquam libero aut eum officia voluptatem. Occaecati amet et minima ad. Quae eligendi cor

Mostra de tasks



