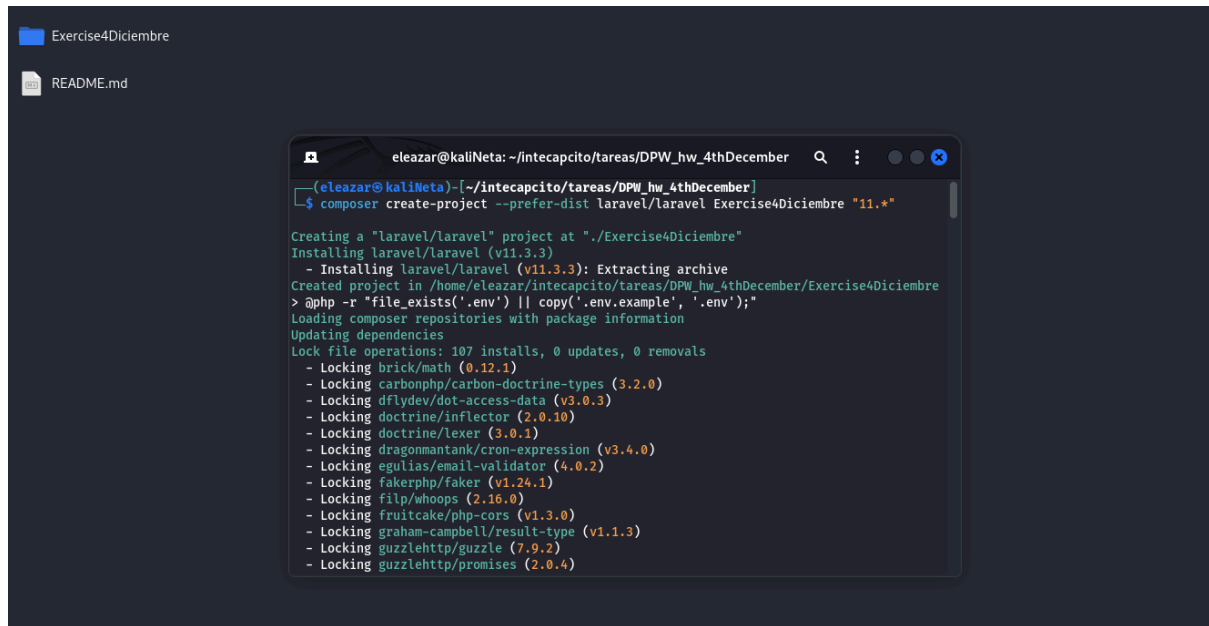


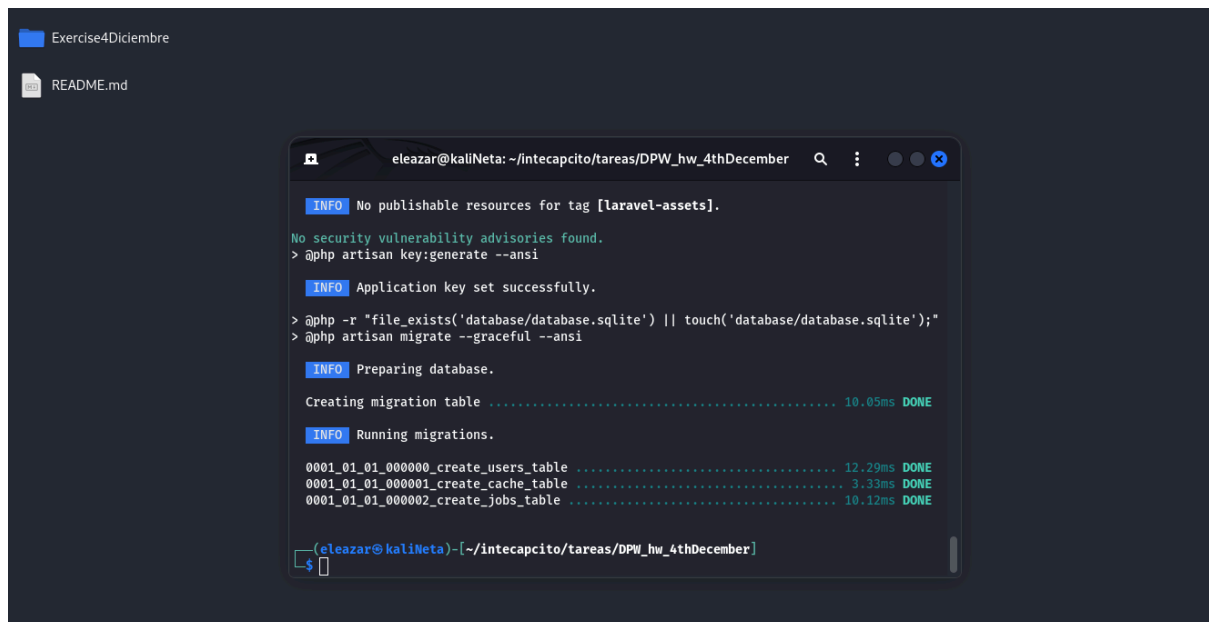
primero creamos nuestro proyecto en laravel:



The screenshot shows a terminal window with the following output:

```
eleazar@kaliNeta: ~/intecapcito/tareas/DPW_hw_4thDecember
$ composer create-project --prefer-dist laravel/laravel Exercise4Diciembre "11.*"

Creating a "laravel/laravel" project at "./Exercise4Diciembre"
Installing laravel/laravel (v11.3.3)
- Installing laravel/laravel (v11.3.3): Extracting archive
Created project in /home/eleazar/intecapcito/tareas/DPW_hw_4thDecember/Exercise4Diciembre
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
Updating dependencies
Lock file operations: 107 installs, 0 updates, 0 removals
- Locking brick/math (0.12.1)
- Locking carbonphp/carbon-doctrine-types (3.2.0)
- Locking dflydev/dot-access-data (v3.0.3)
- Locking doctrine/inflector (2.0.10)
- Locking doctrine/lexer (3.0.1)
- Locking dragonmantank/cron-expression (v3.4.0)
- Locking egulias/email-validator (4.0.2)
- Locking fakerphp/faker (v1.24.1)
- Locking filp/whoops (2.16.0)
- Locking fruitcake/php-cors (v1.3.0)
- Locking graham-campbell/result-type (v1.1.3)
- Locking guzzlehttp/guzzle (7.9.2)
- Locking guzzlehttp/promises (2.0.4)
```



The screenshot shows a terminal window with the following output:

```
eleazar@kaliNeta: ~/intecapcito/tareas/DPW_hw_4thDecember
$ composer create-project --prefer-dist laravel/laravel Exercise4Diciembre "11.*"

No publishable resources for tag [laravel-assets].

No security vulnerability advisories found.
> @php artisan key:generate --ansi

INFO Application key set successfully.

> @php -r "file_exists('database/database.sqlite') || touch('database/database.sqlite');"
> @php artisan migrate --graceful --ansi

INFO Preparing database.

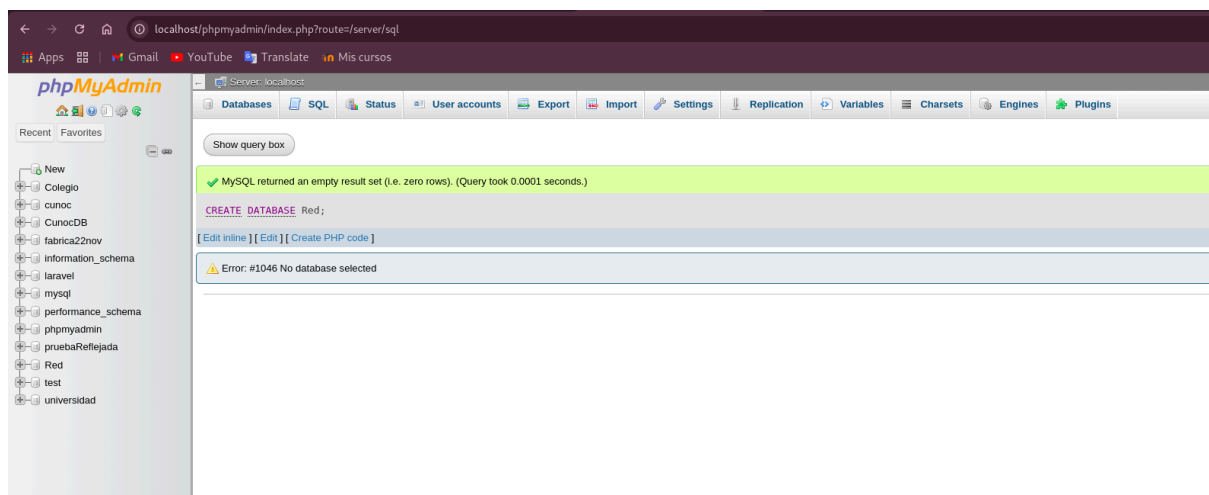
Creating migration table ..... 10.05ms DONE

INFO Running migrations.

0001_01_01_000000_create_users_table ..... 12.29ms DONE
0001_01_01_000001_create_cache_table ..... 3.33ms DONE
0001_01_01_000002_create_jobs_table ..... 10.12ms DONE

eleazar@kaliNeta: ~/intecapcito/tareas/DPW_hw_4thDecember
$
```

cremos nuestra base de datos:



creamos nuestros modelos:

```
(eleazar@kaliNeta)-[~/intecapcito/tareas/DPW_hw_4thDecember/Exercise4Diciembre]
$ php artisan make:model Usuario -m

INFO Model [app/Models/Usuario.php] created successfully.
INFO Migration [database/migrations/2024_12_05_040842_create_usuarios_table.php] created successfully.

(eleazar@kaliNeta)-[~/intecapcito/tareas/DPW_hw_4thDecember/Exercise4Diciembre]
$ php artisan make:model Publicacion -m

INFO Model [app/Models/Publicacion.php] created successfully.
INFO Migration [database/migrations/2024_12_05_040859_create_publicacions_table.php] created successfully.

(eleazar@kaliNeta)-[~/intecapcito/tareas/DPW_hw_4thDecember/Exercise4Diciembre]
$ php artisan make:model Comentario -m

INFO Model [app/Models/Comentario.php] created successfully.
INFO Migration [database/migrations/2024_12_05_040917_create_comentarios_table.php] created successfully.
```

y luego migramos:

```
(eleazar@kaliNeta)-[~/intecapcito/tareas/DPW_hw_4thDecember/Exercise4Diciembre]
$ php artisan migrate

INFO Preparing database.

Creating migration table ..... 11.37ms DONE

INFO Running migrations.

0001_01_01_000000 create users table ..... 24.23ms DONE
0001_01_01_000001 create cache table ..... 6.08ms DONE
0001_01_01_000002 create jobs table ..... 20.42ms DONE
2024_12_05_040842 create usuarios table ..... 4.74ms DONE
2024_12_05_040859 create publicaciones table ..... 2.63ms DONE
2024_12_05_040917 create comentarios table ..... 3.11ms DONE

(eleazar@kaliNeta)-[~/intecapcito/tareas/DPW_hw_4thDecember/Exercise4Diciembre]
$
```

nuestras funciones up quedaron asi:

```
Schema::create('usuarios', function (Blueprint $table) {
    $table->id();
    $table->string('user_name', 255)->unique(); // Asegura que
sea consistente
    $table->string('contrasena');
    $table->integer('edad');
    $table->enum('genero', ['Masculino', 'Femenino']);
    $table->string('departamento_nacimiento');
    $table->timestamps();
});
```

```
Schema::create('publicaciones', function (Blueprint $table) {
    $table->id();
    $table->string('user_name', 255); // Tamaño consistente
    $table->string('titulo');
    $table->string('imagen', 255)->nullable();
    $table->text('descripcion');
    $table->timestamps();
});
```

```
$table->foreign('user_name')->references('user_name')->on('usuarios')->onDelete('cascade');
```

```
});
```

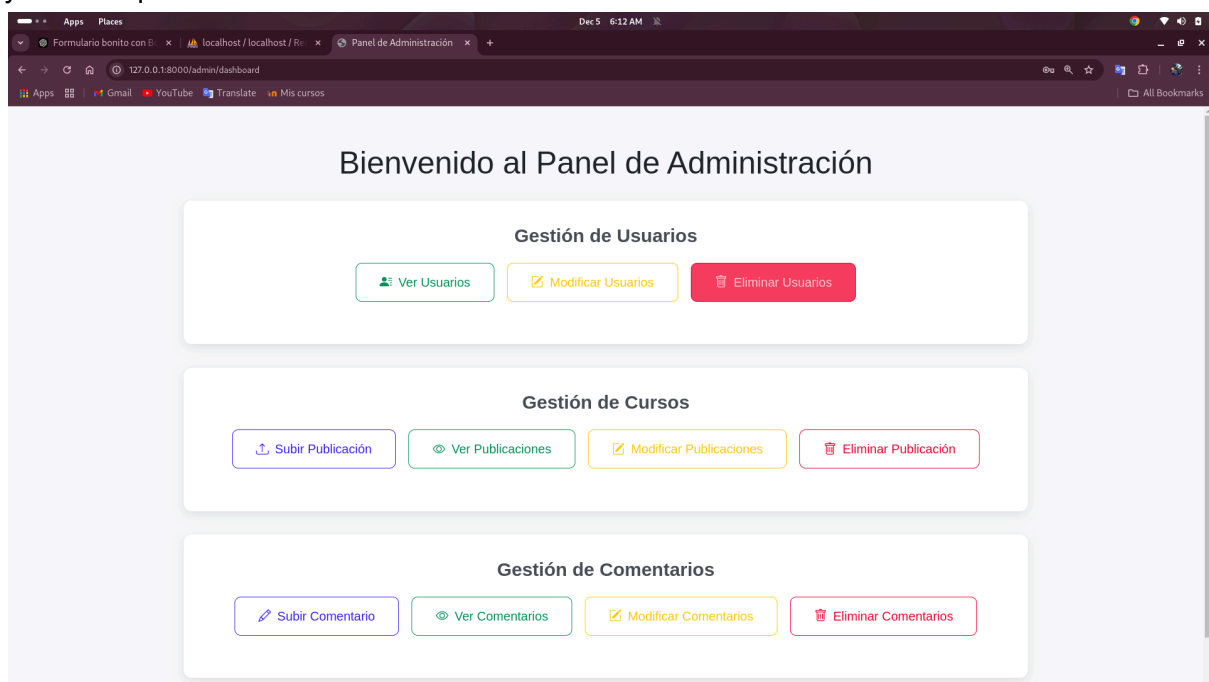
```
Schema::create('comentarios', function (Blueprint $table) {
    $table->id();

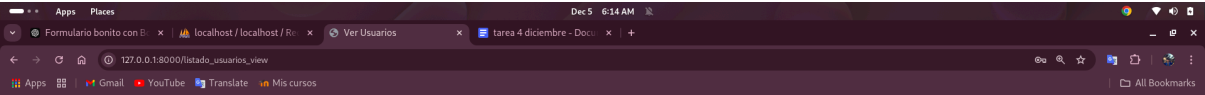
    $table->foreignId('publicacion_id')->constrained('publicaciones')->onDelete('cascade');

    $table->string('user_name', 255); // Tamaño consistente
    $table->text('contenido');
    $table->timestamps();

    $table->foreign('user_name')->references('user_name')->on('usuarios')->onDelete('cascade');
});
```

ahora hacemos el migrate para que ya estén nuestras tablas.
y así nos queda:

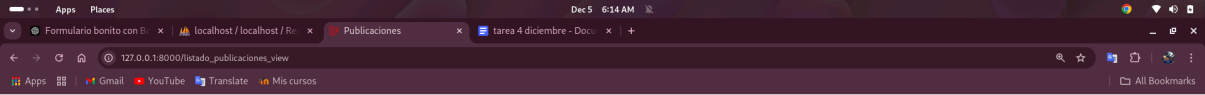






Lista de Usuarios

botPrueba Edad: 1 Género: Masculino Departamento de Nacimiento: Quetzaltenango Rol: User	admin Edad: 20 Género: Masculino Departamento de Nacimiento: Quetzaltenango Rol: Administrador
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Publicaciones

 <p>Número de Publicación: 1 Publicado por botPrueba Título: pruebas Descripción: aldeasdsa Publicado el 05/12/2024 10:12</p>	 <p>Número de Publicación: 3 Publicado por admin Título: b-max Descripción: el bmax asi bien try hard Publicado el 05/12/2024 10:43</p>
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