Lab #10(b)

Lab #10(b) Setup the database in Laravel.

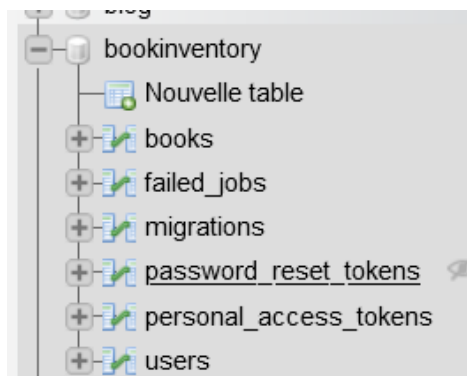| COMMAND USED	ATTRIBUTES USED	DESCRIPTION
Artisan	make:controller, make:model, make:migration, serve	In Laravel, Artisan is a command-line tool that provides a wide range of commands for various tasks related to the development and management of Laravel applications. Artisan simplifies common development tasks by automating them through command-line commands.

Final Outcome:

Lab #10(b)

Code Snippet:

Let's configure database connection by editing the *.env* file in the project root. Set the database connection details, including DB_HOST, DB_PORT, DB_DATABASE, DB_USERNAME, and DB_PASSWORD.

Env:

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=bookinventory
DB_USERNAME=root
DB_PASSWORD=
```

Let's create a migration for the books table by running the following command:

Bash

php artisan make:migration create_books_table

Php class migration

```
public function up()
{
    Schema::create('books', function (Blueprint $table) {
        $table->id();
        $table->string('title');
        $table->integer('isbn_no');
        $table->string('author');
        $table->string('publisher');
        $table->string('edition');
        $table->string('category');
        $table->integer('rack');
        $table->integer('total_no_copy');
        $table->integer('price');
        $table->integer('quantity');
        $table->timestamps();    });
}
```

Let's run the migration to create the "books" table in our database:

bash

php artisan migrate