Here’s the proper way to set up and run your existing Lumen project:

**Step 1: Install Dependencies**

If you haven't already, install the necessary dependencies by running:

**bash**composer install

**Step 2: Create the .env File**

Copy the .env.example file and rename it to .env:

**bash**  
**cp** .env.example .env

Then, open .env and configure the database settings:

**makefile**DB\_CONNECTION=mysql  
DB\_HOST=127.0.0.1  
DB\_PORT=3306  
DB\_DATABASE=flexiplan\_web  
DB\_USERNAME=root # Change if necessary  
DB\_PASSWORD= # Add password if your MySQL has one

**Step 3: Generate Application Key (Optional)**

Lumen does not come with php artisan key:generate, but if your project requires an APP\_KEY, manually set one in .env:

ini  
APP\_KEY=base64:some\_random\_generated\_key

If your project includes Laravel Passport or JWT authentication, an APP\_KEY might be necessary.

**Step 4: Create the Database**

Now, go to **phpMyAdmin** and create a database named **flexiplan\_web**.

**Step 5: Run Migrations & Seed Data**

Once the database is created, run:

**bash**php artisan migrate

If you also need to seed the database (populate tables with test data):

**bash**php artisan db:seed

If there are both migrations and seeders, you can run them together:

**bash**  
php artisan migrate --seed

**Step 6: Run the Lumen Project**

Start the local development server with:

**bash**  
php -S localhost:8000 -t **public**

OR, if you have Laravel's built-in serve command enabled:

**bash**php artisan serve

Now, visit **http://localhost:8000** in your browser.

**Step 7: Check Routes**

If the project isn't running properly, check the available routes with:

**bash**  
php artisan route:list

**Extra: Troubleshooting**

* **Database Connection Issues?** Ensure MySQL is running and credentials in .env are correct.
* **Migration Errors?** Try running php artisan migrate:fresh --seed to reset the database.
* **Missing artisan Commands?** Ensure you have APP\_KEY set in .env and the bootstrap/app.php file loads artisan commands:

php  
$app->withFacades();  
$app->withEloquent();

This should get your Lumen project up and running! 🚀 Let me know if you run into any issues.