



**BICOL UNIVERSITY**

**COLLEGE OF SCIENCE**

Legaspi City



# WEB DEVELOPMENT

## LABOLATORY 1

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BSIT 3-C

## It Elec 1 - Web Development

# LARAVEL

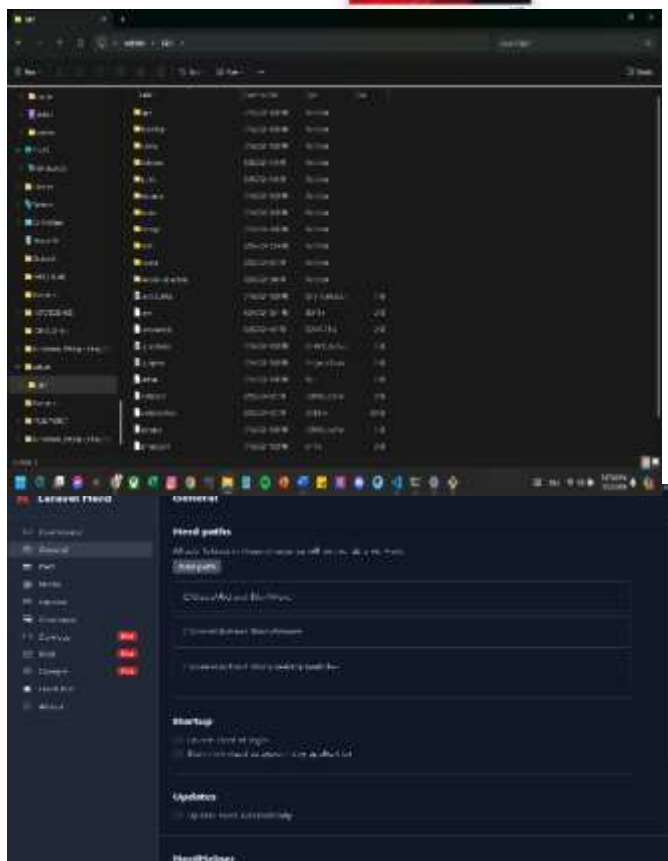
1. Install Laravel along with its dependencies.
2. Create a Laravel project and put it in a Git repository
3. Set up the .env file to include database connection details
4. Create at least 3 views (homepage, about, content)
5. Create and run routes
6. Identify and document the purpose of key directories and files in the Laravel project.
7. Document each step (from installation to navigation of the pages) by taking screenshots
8. For numbers 6 and 7, create a folder called "**docs**" and put your answers in a pdf file with the filename format: **surname\_fname\_lab1** within the folder

### 1. Install Laravel along with its dependencies.



First, I install Laravel in Herd.laravel.com

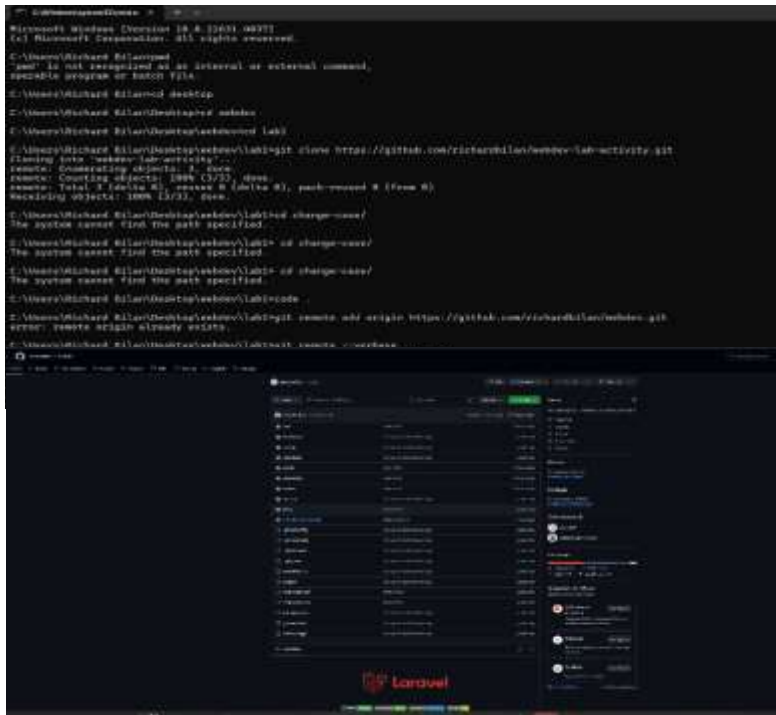
I'm using Windows so, I Installed for windows.



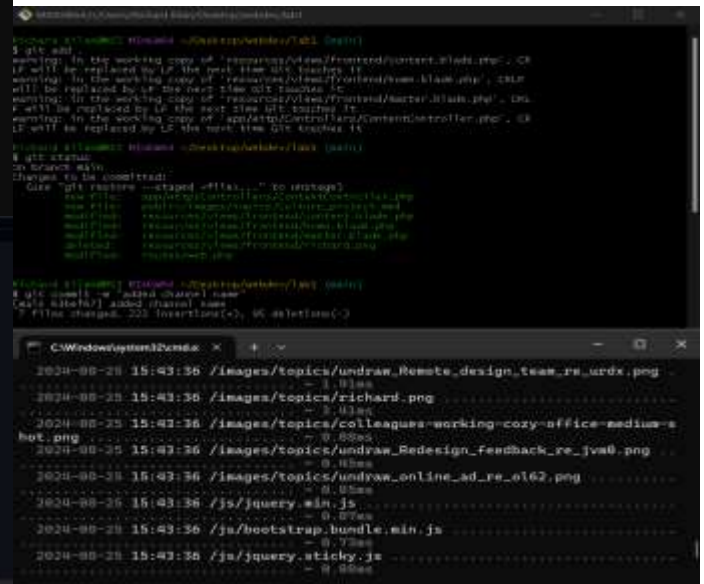
While waiting to download I created a File Directory called "Webdev."

After Installing Laravel, I open it and Go to General and click Add path and choose the file that I created.

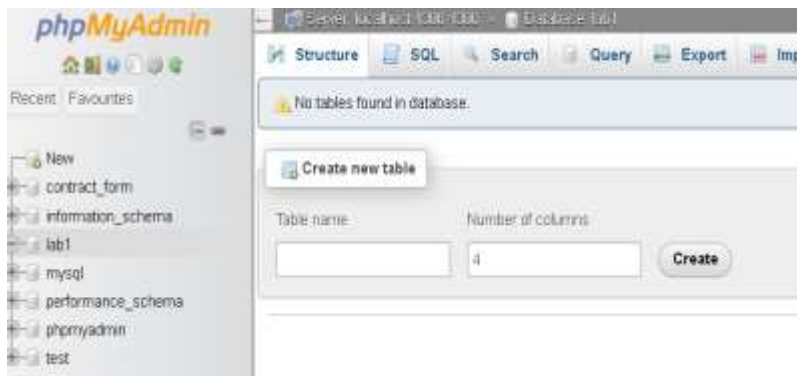




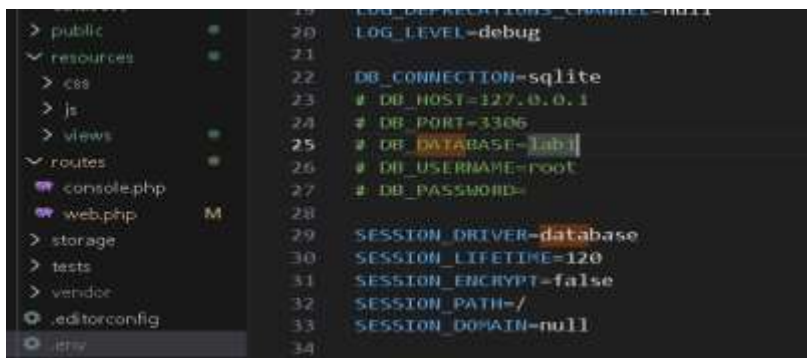
After Creating a Laravel project  
I created a Git and put it in Repository.



### 3. Set up the .env file to include database connection details



In .ENV file I created a Database Using myphpadmin



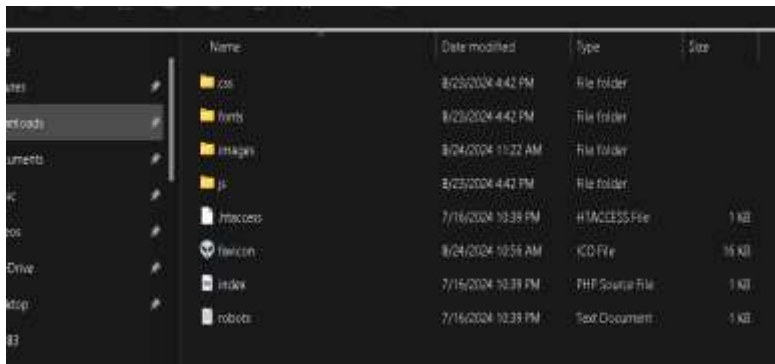
After I created a database connection I simply put the name of my database in .env file.

#### 4. Create at least 3 views (homepage, about, content)

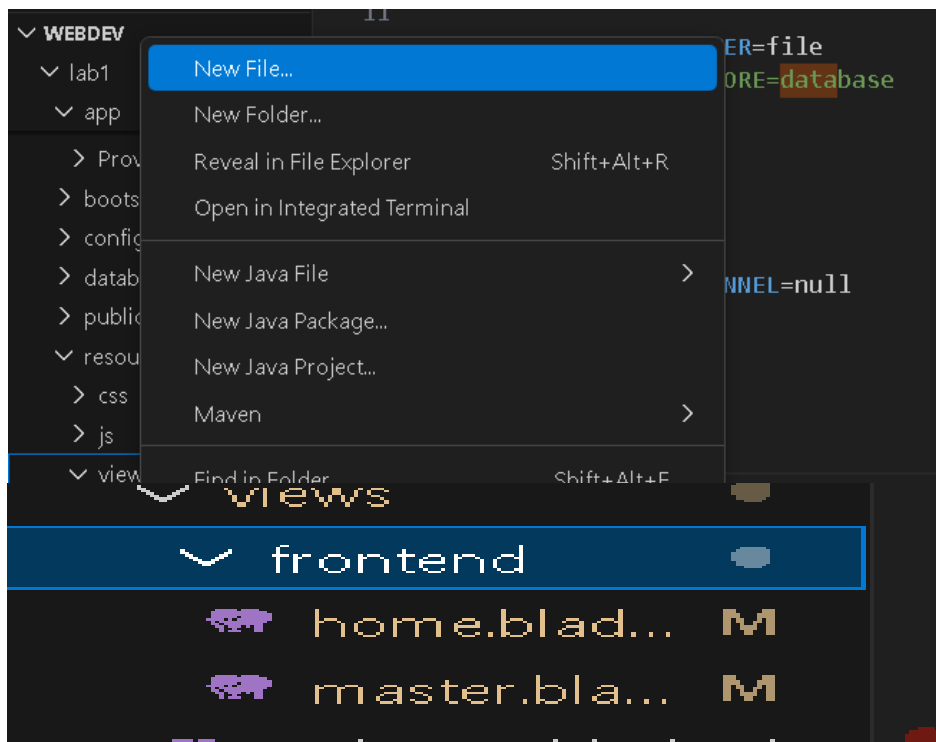


In creating my website I integrate a template html. first I downloaded a Template in templatemo.com

After downloading the template I extract and copy the files on it.



After copying the files paste it inside the public but I **only get the fonts and images and icons.**

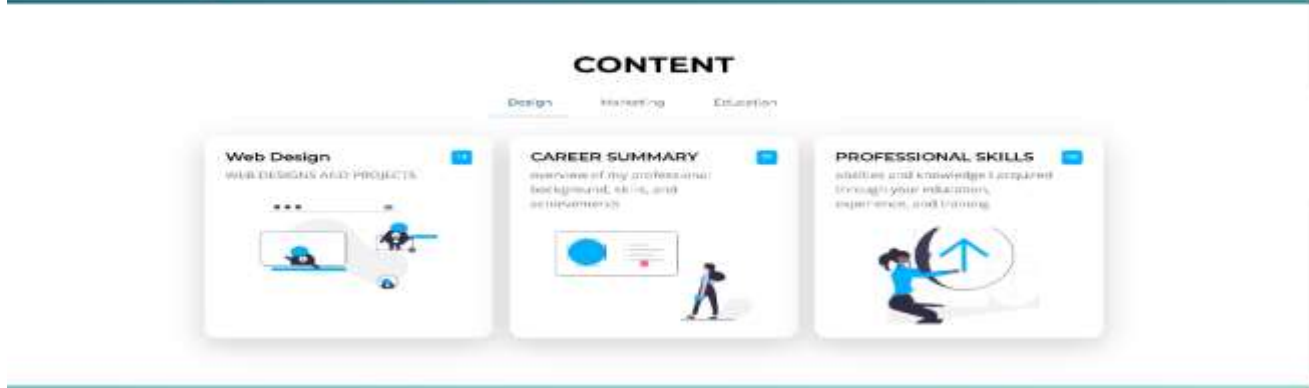


I open Visual Studio Code. In view right click and add new file.

I created 2 folders for the content and the footer

I use `@yield('footer')` to access the footer.





After many hours of coding these are the 3 views I did.

I tried to make a online Portfolio because last summer I was thinking to apply a job online and portfolio are required.+

HOME PAGE/ LANDING PAGE

CONTENT

ABOUT

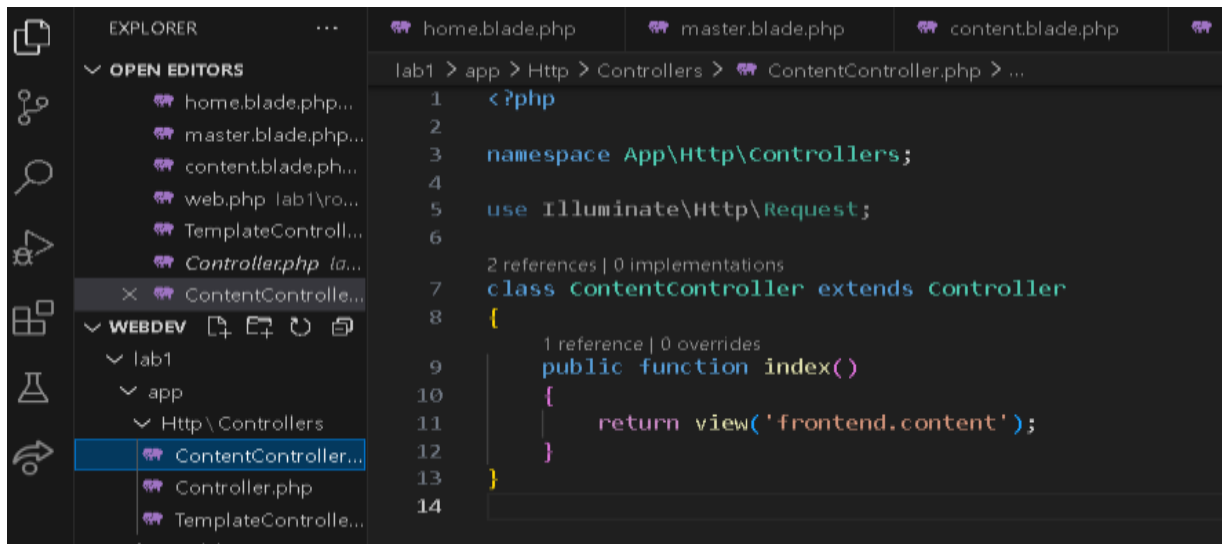
## 5. Create and run routes

```
Actions... routes > web.php
1 <?php
2
3 use App\Http\Controllers\TemplateController;
4 use App\Http\Controllers\ContentController;
5 use Illuminate\Support\Facades\Route;
6
7 Route::get('/', [TemplateController::class, 'index']);
8
9 Route::get('/content', [ContentController::class, 'index'])->name('content');
10
11
```

Since I use template for fonts, icons and more I created a controller

```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6
7 2 references | 0 implementations
8 class TemplateController extends Controller
9 {
10     1 reference | 0 overrides
11     public function index()
12     {
13         return view('frontend.home');
14     }
15 }
```

Routes is for the homepage and a content page, linking them to their respective controller methods for handling requests and generating responses.



The Template Controller class has an index method that returns a view named frontend.home. it is used to render the homepage when a user visits the root URL of the application. The view file home.blade.php should be located in the resources/views/frontend directory.