



**BICOL UNIVERSITY COLLEGE OF SCIENCE
LEGAZPI, ALBAY**



IT Elect 1 – WEB DEVELOPMENT

DOCUMENTATION

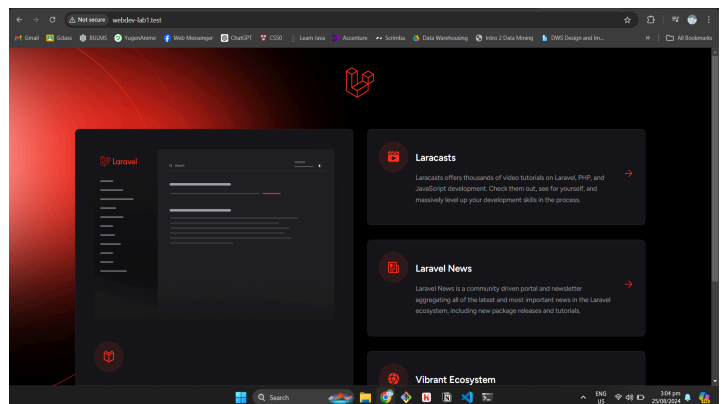
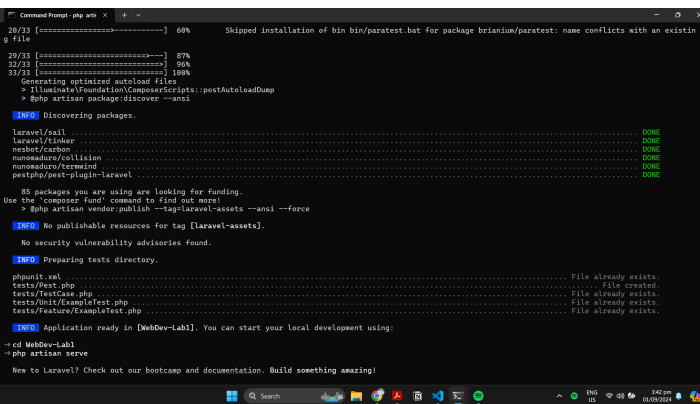
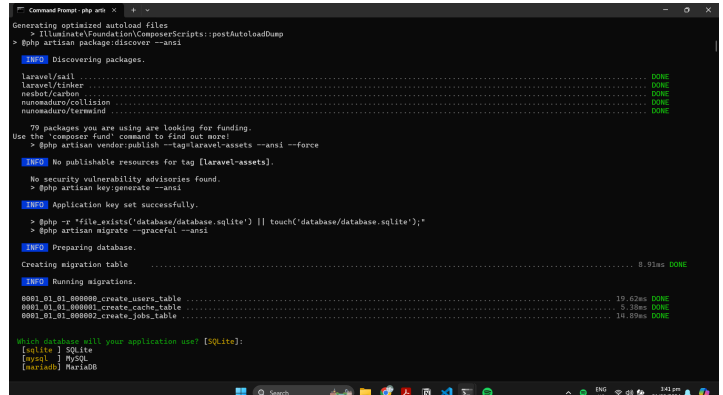
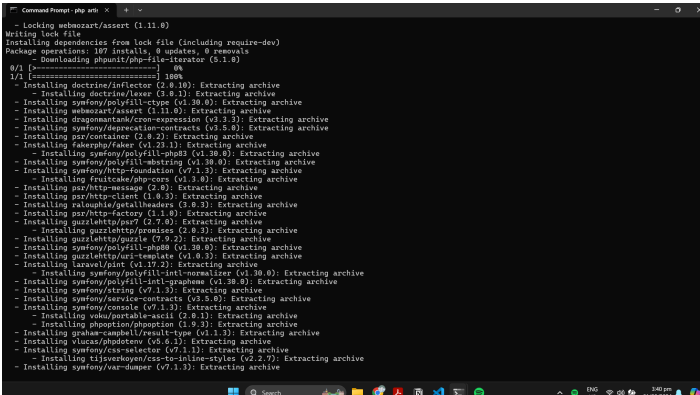
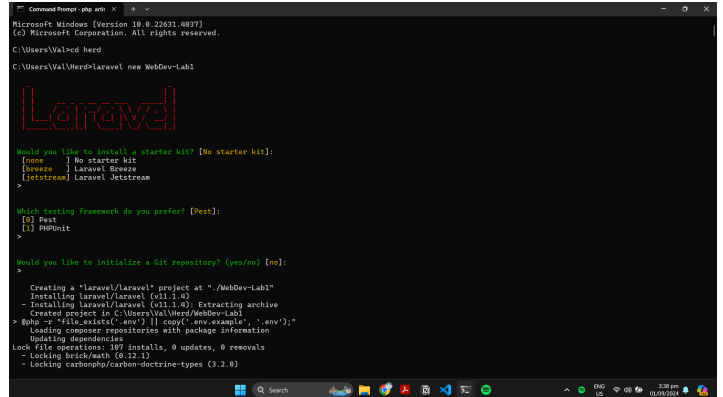
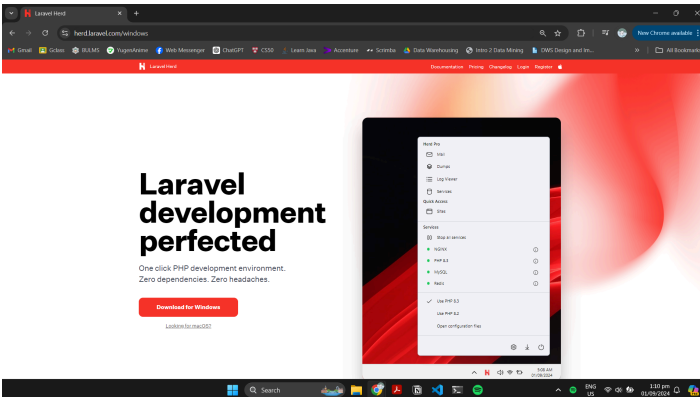
(LABORATORY 1)

SUBMITTED BY:

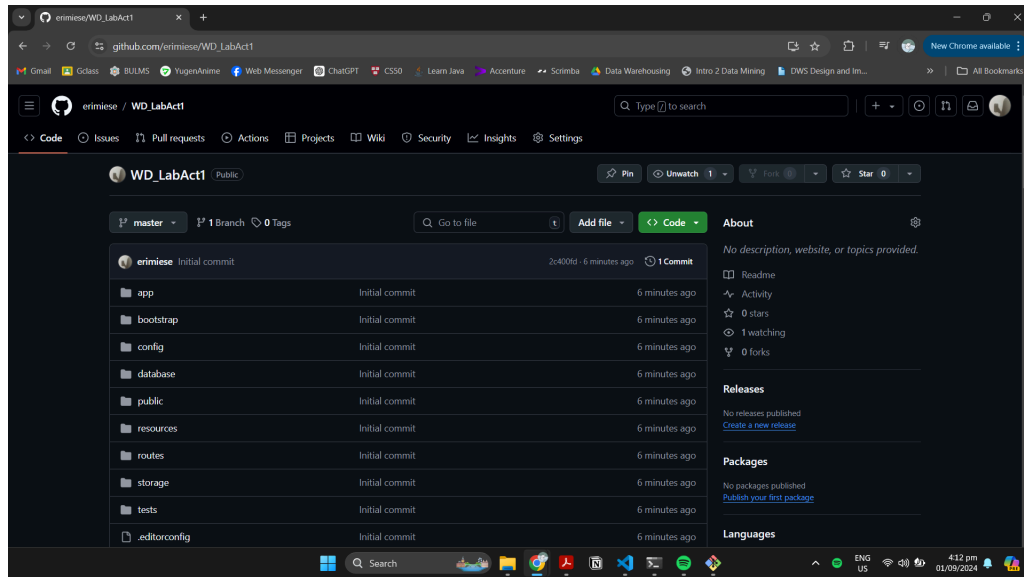
Valerie Joyce R. Soreda

BSIT – 3C

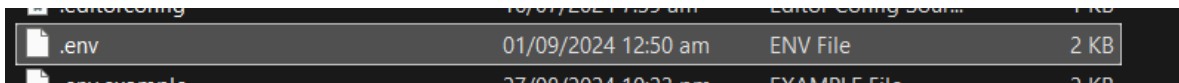
1. Install Laravel along with its dependencies.



2. Create a Laravel project and put it in a Git repository



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



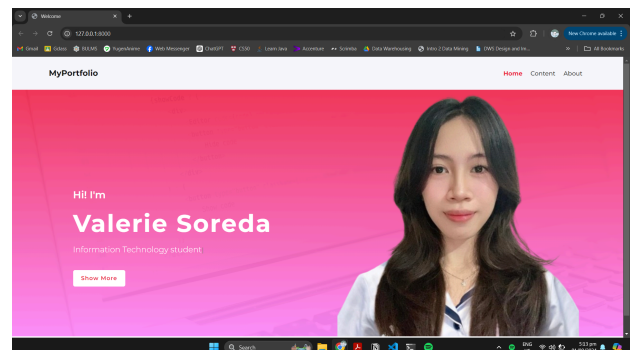
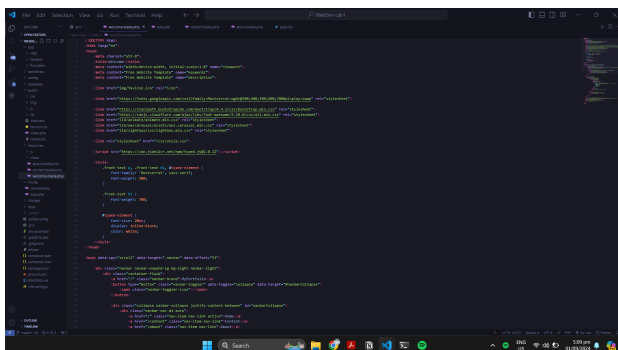
```
DB_CONNECTION=sqlite
# DB_HOST=127.0.0.1
# DB_PORT=3306
# DB_DATABASE=laravel
# DB_USERNAME=root
# DB_PASSWORD=
```

```
DB_CONNECTION=sqlite
# DB_HOST=127.0.0.1
# DB_PORT=3306
# DB_DATABASE=C:\Users\Val\Herd\WebDev-Lab1\database\database.sqlite
# DB_USERNAME=root
# DB_PASSWORD=
```

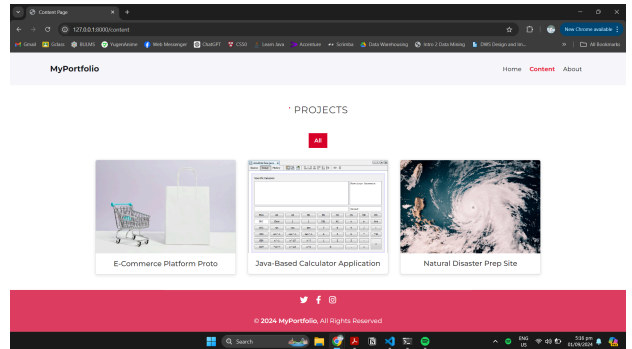
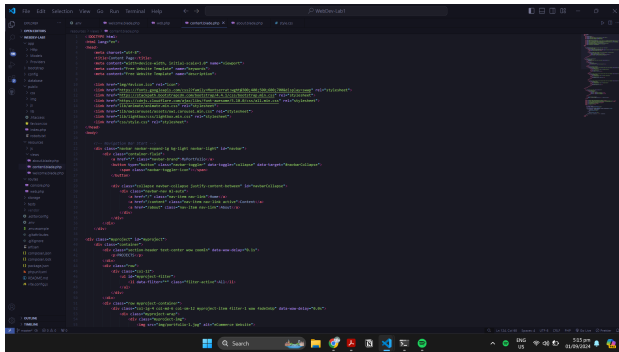
4. Create at least 3 views (homepage, about, content)

Name	Date modified	Type	Size
about.blade	01/09/2024 3:32 am	PHP Source File	5 KB
content.blade	01/09/2024 3:26 am	PHP Source File	6 KB
welcome.blade	01/09/2024 3:40 am	PHP Source File	4 KB

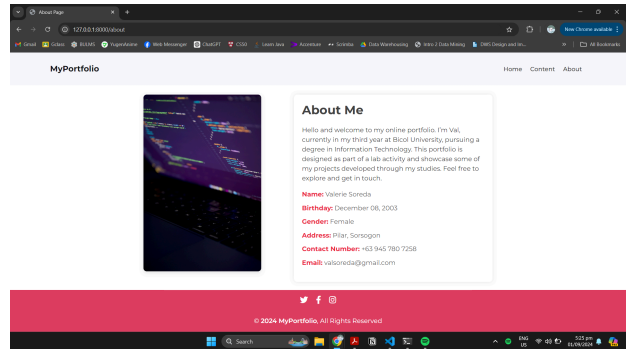
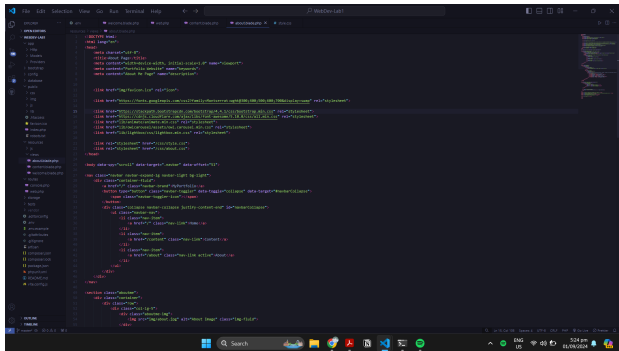
HOMEPAGE



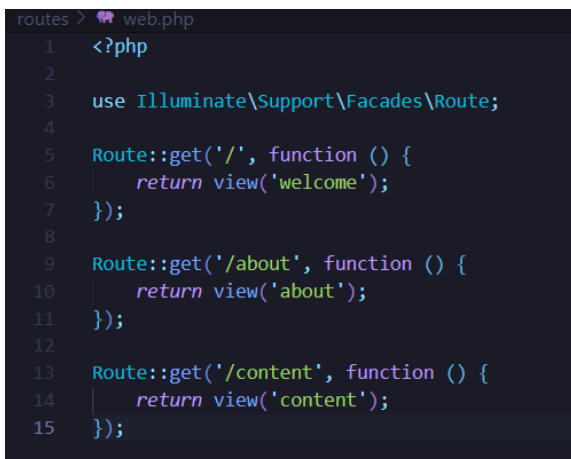
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ABOUT PAGE



5. Create and run routes



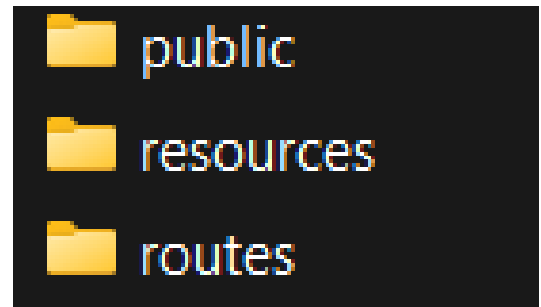
6. Identify and document the purpose of key directories and files in the Laravel project.

- **KEY DIRECTORIES**

public/: Acts as the application's entry point; it contains the index.php file and publicly accessible resources for users, such as pictures, CSS, and JavaScript.

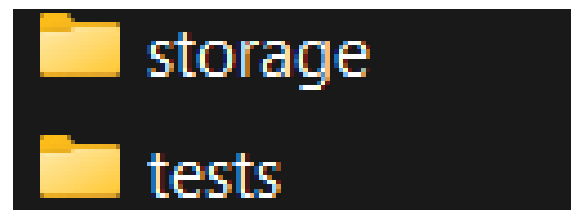
resources/: Keeps the content of the webpage, view templates, language files, and front-end resources (such as CSS, JavaScript, and pictures).

routes/: Responsible for URL routing, making sure users are sent to the right pages that correspond with their selections for navigation.



storage/: Holds files the application generates or needs while running, like logs and uploads.

tests/: This directory holds files for writing automated tests to ensure the quality of the code is maintained.



.env: Contains environment-specific configuration settings.



Artisan: is Laravel's command-line tool for running tasks and commands.

