



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



**IT Elect 1 – WEB DEVELOPMENT**

# **DOCUMENTATION**

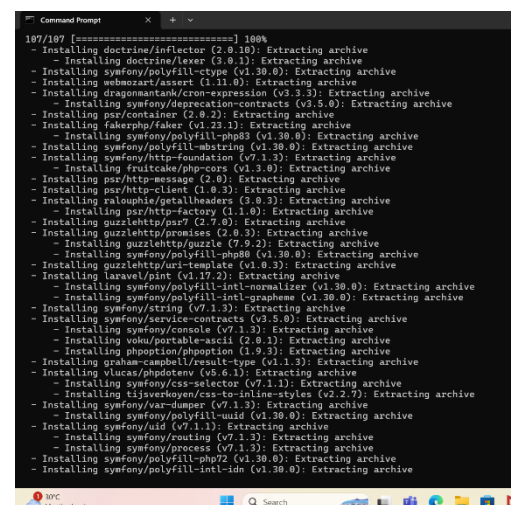
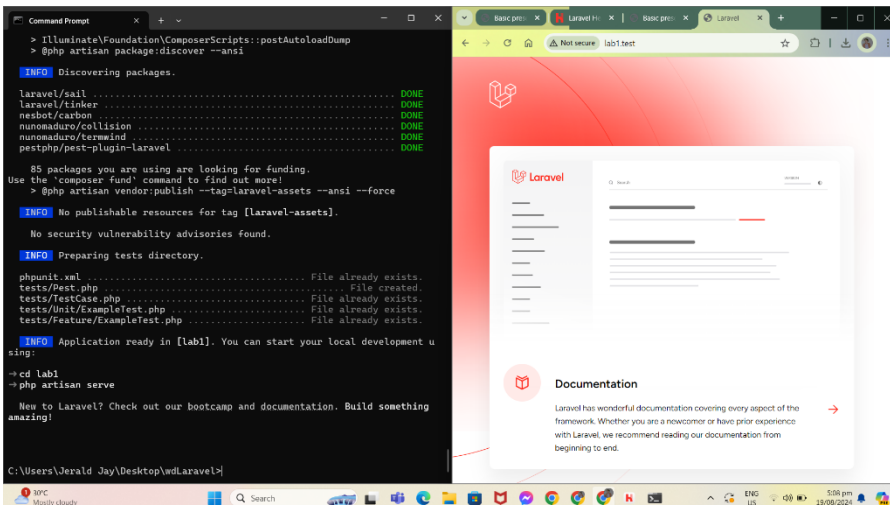
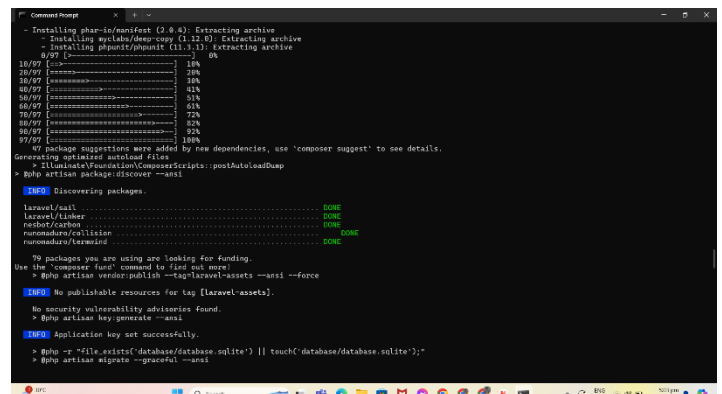
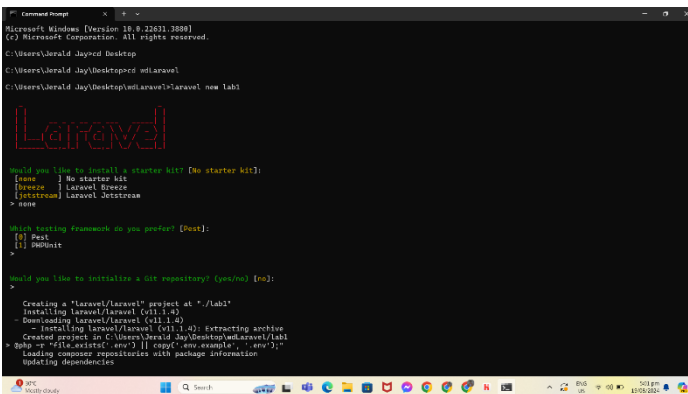
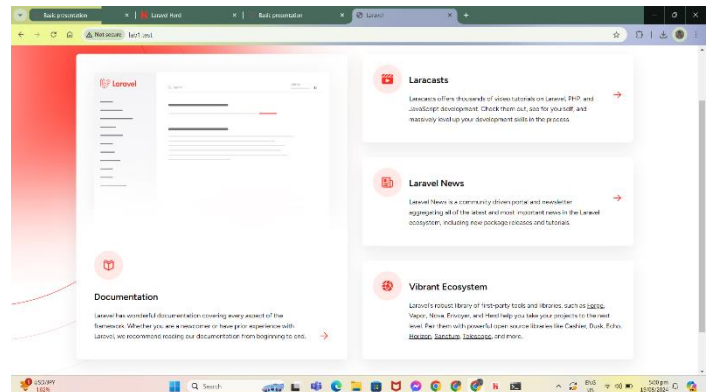
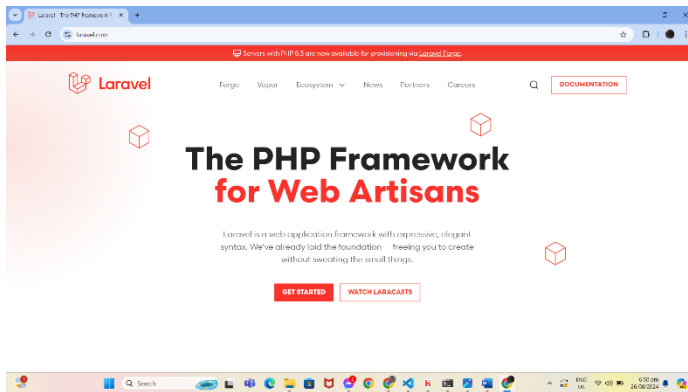
**(LABORATORY 1)**

**SUBMITTED BY:**

**JERALD JAY G. BUBAN**

**BSIT – 3C**

# 1. Install Laravel along with its dependencies.



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

```
Microsoft Windows [Version 10.0.22631.3880]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Jerald Jay>cd Herd

C:\Users\Jerald Jay\Herd>cd ..

C:\Users\Jerald Jay>cd desktop

C:\Users\Jerald Jay\Desktop>cd wdLaravel

C:\Users\Jerald Jay\Desktop\wdLaravel>cd lab1

C:\Users\Jerald Jay\Desktop\wdLaravel\lab1>git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   editorconfig
    new file:   env.example
    new file:   gitattributes
    new file:   gitignore
    new file:   README.md
    new file:   app/Http/Controllers/Controller.php
    new file:   app/Models/User.php
    new file:   app/Providers/AppServiceProvider.php
    new file:   artisan
    new file:   bootstrap/app.php
    new file:   bootstrap/cache/.gitignore
    new file:   bootstrap/providers.php
    new file:   composer.lock
    new file:   config/app.php
    new file:   config/auth.php
    new file:   config/cache.php
    new file:   config/database.php
    new file:   config/filesystems.php
    new file:   config/logging.php
    new file:   config/mail.php
```

```
new file:   storage/framework/cache/data/.gitignore
new file:   storage/framework/sessions/.gitignore
new file:   storage/framework/testing/.gitignore
new file:   storage/framework/views/.gitignore
new file:   storage/logs/.gitignore
new file:   tests/Feature/ExampleTest.php
new file:   tests/pest.php
new file:   tests/Testcase.php
new file:   tests/Unit/ExampleTest.php
new file:   vite.config.js

C:\Users\Jerald Jay\Desktop\wdLaravel\lab1>git commit -m "First Commit"
[master (root-commit) c61534e] First Commit
60 files changed, 11498 insertions(+)
create mode 100644 editorconfig
create mode 100644 env.example
create mode 100644 gitattributes
create mode 100644 gitignore
create mode 100644 README.md
create mode 100644 app/Http/Controllers/Controller.php
create mode 100644 app/Models/User.php
create mode 100644 app/Providers/AppServiceProvider.php
create mode 100644 artisan
create mode 100644 bootstrap/app.php
create mode 100644 bootstrap/cache/.gitignore
create mode 100644 bootstrap/providers.php
create mode 100644 composer.json
create mode 100644 composer.lock
create mode 100644 config/app.php
create mode 100644 config/auth.php
create mode 100644 config/cache.php
create mode 100644 config/database.php
create mode 100644 config/filesystems.php
create mode 100644 config/logging.php
create mode 100644 config/mail.php
create mode 100644 config/queue.php
create mode 100644 config/session.php
create mode 100644 config/services.php
create mode 100644 database/.gitignore
create mode 100644 database/factories/UserFactory.php
```

```
create mode 100644 database/factories/UserFactory.php
create mode 100644 database/migrations/0001_01_01_000000_create_users_table.php
create mode 100644 database/migrations/0001_01_01_000001_create_cache_table.php
create mode 100644 database/migrations/0001_01_01_000002_create_jobs_table.php
create mode 100644 database/seeds/DatabaseSeeder.php
create mode 100644 package.json
create mode 100644 phpunit.xml
create mode 100644 public/.htaccess
create mode 100644 public/assets/images/jj.jpg
create mode 100644 public/favicon.ico
create mode 100644 public/index.php
create mode 100644 public/robots.txt
create mode 100644 resources/css/app.css
create mode 100644 resources/js/app.js
create mode 100644 resources/js/bootstrap.js
create mode 100644 resources/views/about.blade.php
create mode 100644 resources/views/content.blade.php
create mode 100644 resources/views/home.blade.php
create mode 100644 resources/views/welcome.blade.php
create mode 100644 routes/console.php
create mode 100644 routes/web.php
create mode 100644 storage/app/.gitignore
create mode 100644 storage/app/public/.gitignore
create mode 100644 storage/framework/.gitignore
create mode 100644 storage/framework/cache/.gitignore
create mode 100644 storage/framework/cache/data/.gitignore
create mode 100644 storage/framework/sessions/.gitignore
create mode 100644 storage/framework/testing/.gitignore
create mode 100644 storage/framework/views/.gitignore
create mode 100644 storage/logs/.gitignore
create mode 100644 tests/Feature/ExampleTest.php
create mode 100644 tests/pest.php
create mode 100644 tests/Testcase.php
create mode 100644 tests/Unit/ExampleTest.php
create mode 100644 vite.config.js

C:\Users\Jerald Jay\Desktop\wdLaravel\lab1>git status
On branch master
nothing to commit, working tree clean

C:\Users\Jerald Jay\Desktop\wdLaravel\lab1>git remote add origin https://github.com/asleep33/BUBAN_JeraldJay_lab1.git
```

```
C:\Users\Jerald Jay\Desktop\wdLaravel\lab1>git status
On branch master
nothing to commit, working tree clean

C:\Users\Jerald Jay\Desktop\wdLaravel\lab1>git remote add origin https://github.com/asleep33/BUBAN_JeraldJay_lab1.git

C:\Users\Jerald Jay\Desktop\wdLaravel\lab1>git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/asleep33/BUBAN_JeraldJay_lab1.git/'

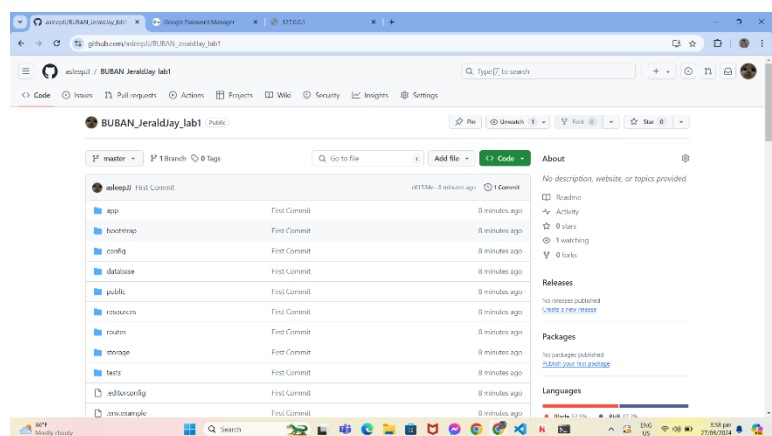
C:\Users\Jerald Jay\Desktop\wdLaravel\lab1>git push -u origin master
fatal: User cancelled dialog.
Username for 'https://github.com': asleep33
Password for 'https://asleep33@github.com':
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/get-started/getting-started-with-git/about-remote-repositories#cloning-with-https-urls for information on current
ly recommended modes of authentication.
fatal: Authentication failed for 'https://github.com/asleep33/BUBAN_JeraldJay_lab1.git/'

C:\Users\Jerald Jay\Desktop\wdLaravel\lab1>git push -u origin master
Info: please complete authentication in your browser...
Enumerating objects: 60, done.
Counting objects: 100% (62/62), done.
Delta compression using up to 12 threads
Compressing objects: 100% (60/60), done.
Writing objects: 100% (62/62), 976.44 KiB | 115.66 KiB/s, done.
Total 62 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), done.
To https://github.com/asleep33/BUBAN_JeraldJay_lab1.git
 * (new branch) master -> master
branch 'master' set up to track 'origin/master'.

C:\Users\Jerald Jay\Desktop\wdLaravel\lab1>git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

C:\Users\Jerald Jay\Desktop\wdLaravel\lab1>
```



## GIT REPOSITORY

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

resources	26/08/2024 7:28 am	resources	26/08/2024 7:28 am
.env	26/08/2024 7:28 pm	ENV File	2 KB

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

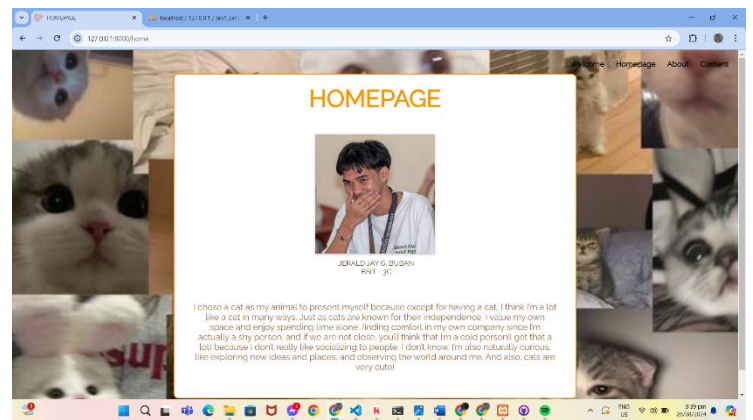
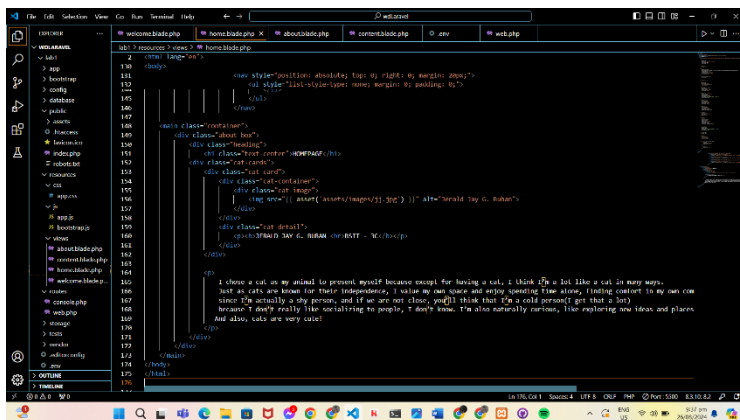
```
DB_CONNECTION=sqlite
# DB_HOST=127.0.0.1
# DB_PORT=3306
# DB_DATABASE=lab1_cat
# DB_USERNAME=root
# DB_PASSWORD=
```

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

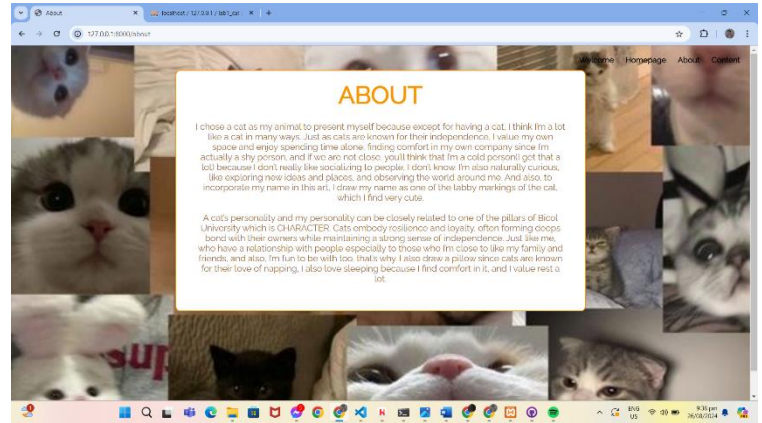
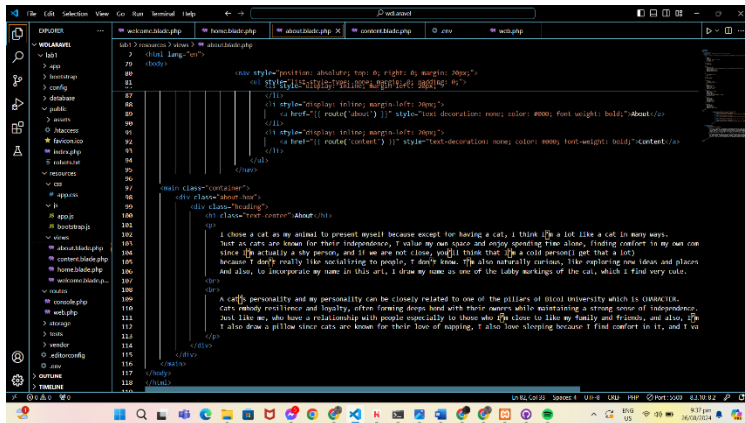
#### 3 Views

about.blade	26/08/2024 6:39 pm	PHP Source File	5 KB
content.blade	26/08/2024 9:21 pm	PHP Source File	11 KB
home.blade	26/08/2024 9:17 pm	PHP Source File	6 KB

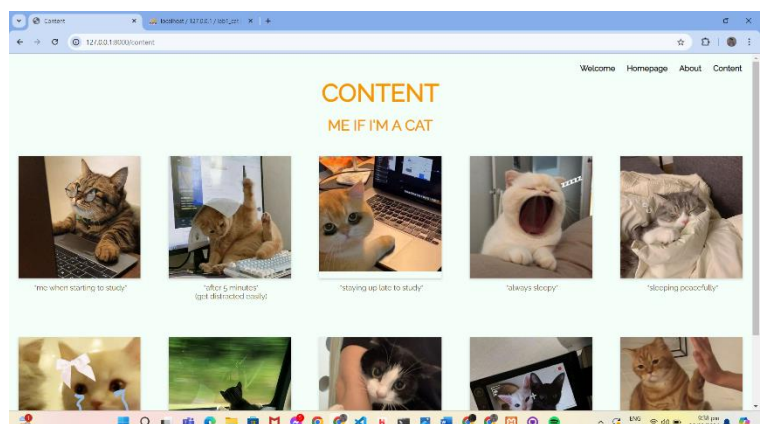
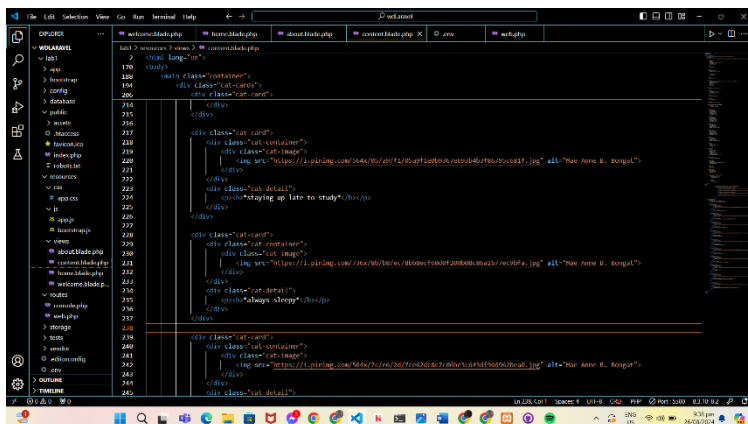
- HOMEPAGE**



- **ABOUT**



- **CONTENT**





## 5. Create and run routes


```
lab1 > routes > web.php
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4
5  Route::get('/', function () {
6      return view('welcome');
7  })->name('welcome');
8
9
10 Route::get('/home', function () {
11     return view('home');
12 })->name('home');
13
14 Route::get('/about', function () {
15     return view('about');
16 })->name('about');
17
18
19 Route::get('/content', function () {
20     return view('content');
21 })->name('content');
```

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


### KEY DIRECTORIES:


 public

 resources


 routes

- Stores the content of the webpage, including views, language files, and assets like images, CSS, and JavaScript.
- Manages URL routing to ensure the website directs users to the correct content based on their navigation choices.


 storage

 tests

- Stores files generated or needed by the application during runtime.
- For writing and organizing automated tests to ensure code quality.

 .env

- Stores environment variables.

 artisan

- Command Line tool to provide commands for managing a Laravel project.