

Submitted by  
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BSIT 3-C

August 24, 2024

**IT ELEC 1**  
**WEB**  
**DEVELOPMENT**

Submitted to  
Prof.John Paul Azore

## Individual:

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

## PURPOSE OF KEY DIRECTORIES AND FILES IN THE LARAVEL PROJECT.

- php artisan serve: Starts a local development server at http://localhost:8000.
- app/: Application logic.
- bootstrap/: Bootstrapping files and cache.
- config/: Configuration files.
- database/: Migrations, seeders, and factories.
- resources/: Views, language files, and front-end assets.
- public/: Public assets (css/, js/, images/).
- routes/: Route definitions.
- storage/: Logs, cached files, and user files.
- tests/: Automated tests.
- vendor/: Composer dependencies.
- git add .: Stages all changes in the current directory.
- git commit -m "Your message": Commits changes with a descriptive message.
- .env: Stores environment-specific configuration.

## DOCUMENTATION

### LARAVEL INSTALLATION

```
Last login: Sat Aug 24 12:25:50 on ttys000
elainemaebertiz@Elaines-MacBook-Air ~ % /bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
==> Checking for 'sudo' access (which may request your password)...
Password:
==> This script will install:
/opt/homebrew/bin/brew
/opt/homebrew/share/doc/homebrew
/opt/homebrew/share/man/man1/brew.1
/opt/homebrew/share/zsh/site-functions/_brew
/opt/homebrew/etc/bash_completion.d/brew
/opt/homebrew

Press RETURN/ENTER to continue or any other key to abort:
==> /usr/bin/sudo /usr/sbin/chown -R elainemaebertiz:admin /opt/homebrew
==> Downloading and installing Homebrew...
Reset branch 'stable'
==> Updating Homebrew...
Warning: /opt/homebrew/bin is not in your PATH.
  Instructions on how to configure your shell for Homebrew
  can be found in the 'Next steps' section below.
==> Installation successful!

==> Homebrew has enabled anonymous aggregate formulae and cask analytics.
Read the analytics documentation (and how to opt-out) here:
  https://docs.brew.sh/Analytics
No analytics data has been sent yet (nor will any be during this install run).

==> Homebrew is run entirely by unpaid volunteers. Please consider donating:
  https://github.com/Homebrew/brew#donations

==> Next steps:
- Run these two commands in your terminal to add Homebrew to your PATH:
  (echo; echo 'eval "$( $(/opt/homebrew/bin/brew shellenv)" ) >> /Users/elainemaebertiz/.zprofile
  eval "$(/opt/homebrew/bin/brew shellenv)"'
- Run brew help to get started
- Further documentation:
  https://docs.brew.sh

elainemaebertiz@Elaines-MacBook-Air ~ % brew install composer
Running `brew update --auto-update`...
```

```

elainemaebertiz@Elaines-MacBook-Air ~ % brew install composer
Running `brew update --auto-update`... => Downloading https://ghcr.io/v2/homebrew/portable-ruby/portable-ruby/blobs/sha256:bd12dc53d0714e477ce2ff4beaeb6ad71a9317271a63c3cd2f5d0427cf42f5c5
#####
====> Pouring portable-ruby-3.3.4.1.el_capitan.bottle.tar.gz
#####
====> Downloading https://formulae.brew.sh/api/formula.jws.json
#####
=====curl: (28) Operation too slow. Less than 100 bytes/sec transferred the last 5 seconds
Warning: formula.jws.json: update failed, falling back to cached version.
====> Downloading https://formulae.brew.sh/api/formula.jws.json
#####
=====curl: (28) Operation too slow. Less than 100 bytes/sec transferred the last 5 seconds
====> Downloading https://formulae.brew.sh/api/cask.jws.json
#####
=====curl: (28) Operation too slow. Less than 100 bytes/sec transferred the last 5 seconds
100.0%
100.0%
```

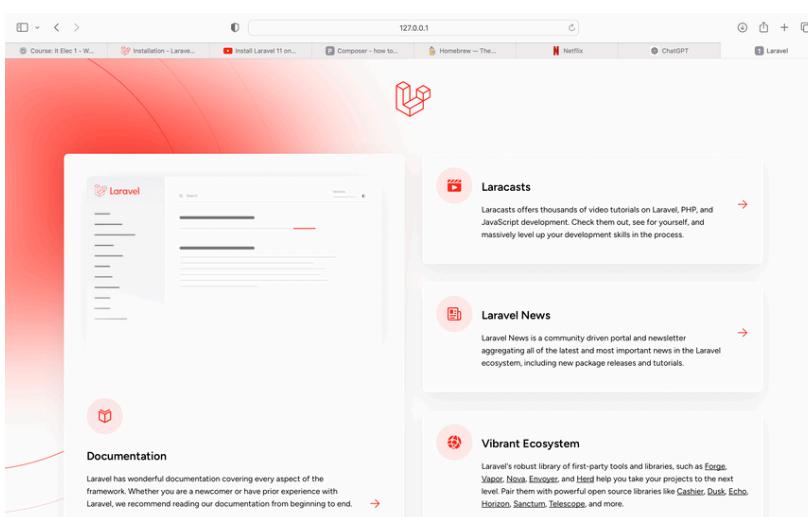
## DONE INSTALLING LARAVEL

```
[elainemaebertiz@Caesse-Marten-s-A12 laravel % php artisan serve
```

**INFO** Server running on [<http://127.0.0.1:8000>].

Press **Ctrl+C** to stop the server

```
[elainemaebertiz@Caesse-Marten-s-A12 laravel % php artisan --version
Laravel Framework 11.21.0
elainemaebertiz@Caesse-Marten-s-A12 laravel % ]
```



## MAKING GIT REPOSITORY

### Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Required fields are marked with an asterisk (\*).

Owner \*      Repository name \*

lucxaellin /

Your new repository will be created as **LaravelProject-**

The repository name can only contain ASCII letters, digits, and the characters ., -, and \_.

Great repository names are short and memorable. Need inspiration? How about **cuddly-umbrella** ?

Description (optional)

Public

Anyone on the internet can see this repository. You choose who can commit.

Private

You choose who can see and commit to this repository.

Initialize this repository with:

Add a README file

This is where you can write a long description for your project. [Learn more about READMEs](#).

Add .gitignore

.gitignore template:

Choose which files not to track from a list of templates. [Learn more about ignoring files](#).

Choose a license

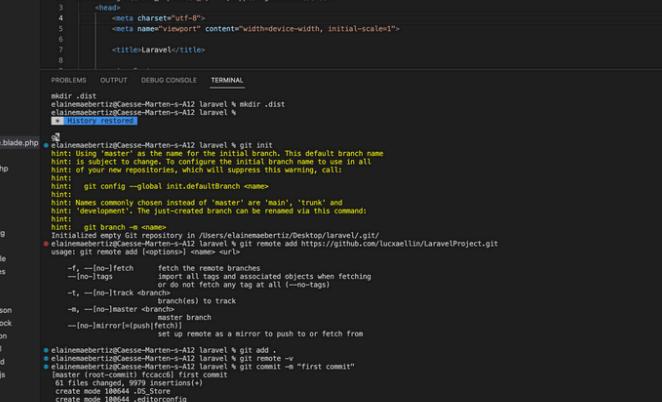
License:

A license tells others what they can and can't do with your code. [Learn more about licenses](#).

This will set main as the default branch. Change the default name in your [settings](#).

ⓘ You are creating a public repository in your personal account.

# UPLOADING PROJECT TO GIT



The screenshot shows the Visual Studio Code interface with a Laravel project loaded. The Explorer sidebar on the left lists files like .gitignore, composer.json, package.json, and various config and route files. The Editor tab displays the contents of `welcome.blade.php`:

```
<!DOCTYPE html>
<html lang="{{ str_replace('_', '-', app()->getLocale()) }}">
    <head>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <title>Laravel</title>
    </head>
```

The bottom right corner shows a preview of the rendered blade template, which displays "Laravel". The bottom status bar shows the current file path as `/Users/elainemebertiz/Desktop/laravel/laravel/.gitignore`.

The screenshot shows the VS Code interface with the Laravel application open. The left sidebar lists files like .env, .gitignore, composer.json, and README.md. The main editor area displays the contents of welcome.blade.php:

```
<!DOCTYPE html>
<html lang="{{ str_replace('_', '-', app()->getLocale()) }}">
    <head>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <title>Laravel</title>
```

The bottom right corner features a floating terminal window showing the output of a command, likely related to the Laravel development environment.

The screenshot shows a code editor interface with a terminal window at the bottom displaying the following command and its execution:

```
git remote add lucxaelin https://github.com/luxxaelin/nAravelProject.git
git push -u lucxaelin master
```

The terminal output indicates that the push was successful, but it also points out that there is no configured push destination, suggesting the URL should be specified on the command line or in a configuration file.

The screenshot shows a typical workflow in VS Code for a Laravel application. The Explorer sidebar on the left lists files like 'welcome.blade.php', 'web.php', and 'routes'. The code editor displays the 'welcome.blade.php' file with its Blade syntax. The terminal at the bottom shows the output of a 'git push' command, which failed because the remote branch 'master' did not exist. It includes instructions to either set the upstream or create a new branch. The status bar at the bottom indicates the file is '1 changed, 1 new, 0 deleted'.

## DONE PUTTING IN THE GIT REPOSITORY

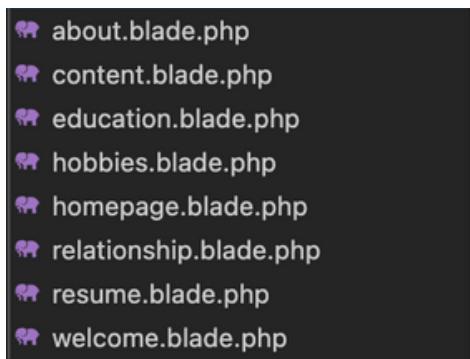
The screenshot shows a GitHub repository named 'LaravelProject'. The main page displays a commit history from 'lucxaellin' with the message 'first commit'. Below the commit list, there's a 'Switch branches/tags' dropdown menu. The menu has a search bar at the top, followed by tabs for 'Branches' and 'Tags'. Under 'Branches', it lists 'main' and 'master'. The 'master' branch is selected and highlighted in blue. There are also links to 'View all branches' and 'Create new branch'.

## SETTING UP THE .ENV FILE TO INCLUDE DATABASE CONNECTION DETAILS

The screenshot shows two code editors side-by-side, both displaying the '.env.example' file for a Laravel application. The left editor shows a version with fewer environment variables, while the right editor shows a more complete version with additional variables like AWS settings and VITE\_APP\_NAME.

```
$ .env.example
$ .env.example
1 APP_NAME=laravel
2 APP_ENV=local
3 APP_KEY=
4 APP_DEBUG=true
5 APP_TIMEZONE=UTC
6 APP_URL=http://localhost
7
8 APP_LOCALE=en
9 APP_FALLBACK_LOCALE=en
10 APP_FAKER_LOCALE=en_US
11
12 APP_MAINTENANCE_DRIVER=file
13 # APP_MAINTENANCE_STORE=database
14
15 BCRYPT_ROUNDS=12
16
17 LOG_CHANNEL=stack
18 LOG_STACKsingle
19 LOG_DEPRECATIONS_CHANNEL=null
20 LOG_LEVEL=debug
21
22 DB_CONNECTION=mysql
23 # DB_HOST=127.0.0.1
24 # DB_PORT=3306
25 # DB_DATABASE=laravel
26 # DB_USERNAME=root
27 # DB_PASSWORD=
28
29 SESSION_DRIVER=database
30 SESSION_LIFETIME=120
31 SESSION_ENCRYPTION=false
32 SESSION_DOMAIN=null
33 SESSION_DOMAIN=null
34
35 BROADCAST_CONNECTION=log
36 FILESYSTEM_DISK=local
37 QUEUE_CONNECTION=database
38
39 CACHE_STORE=database
40 CACHE_PREFIX=
41
42 MEMCACHED_HOST=127.0.0.1
43
44 REDIS_CLIENT=phpredis
45 REDIS_HOST=127.0.0.1
46 REDIS_PASSWORD=null
47 REDIS_PORT=6379
48
49 MAIL_MAILER=log
50 MAIL_HOST=127.0.0.1
51 MAIL_PORT=2525
52 MAIL_USERNAME=
53 MAIL_PASSWORD=
54 MAIL_ENCRYPTION=null
55 MAIL_FROM_ADDRESS="hello@example.com"
56 MAIL_FROM_NAME="$APP_NAME"
57
58 AWS_ACCESS_KEY_ID=
59 AWS_SECRET_ACCESS_KEY=
60 AWS_DEFAULT_REGION=us-east-1
61 AWS_BUCKET=
62 AWS_USE_PATH_STYLE_ENDPOINT=false
63
64 VITE_APP_NAME="$APP_NAME"
```

## CREATE AT LEAST 3 VIEWS (HOMEPAGE, ABOUT, CONTENT)



## CREATE AND RUN ROUTES

```
Route::get('/', function () {
    return view('homepage');
});

Route::get('/about', function () {
    return view('about');
});

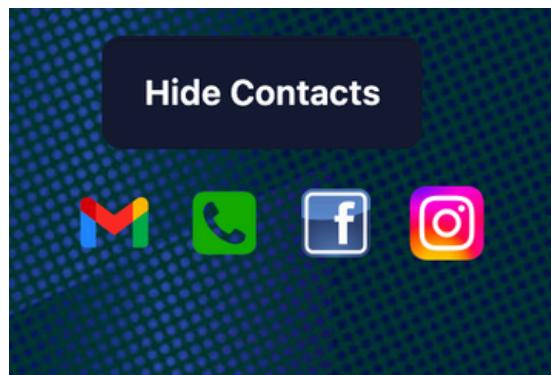
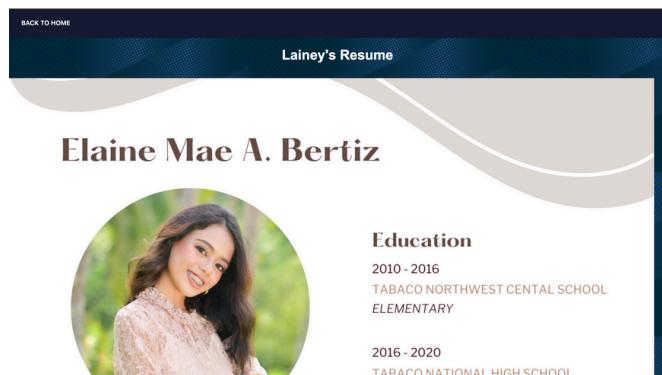
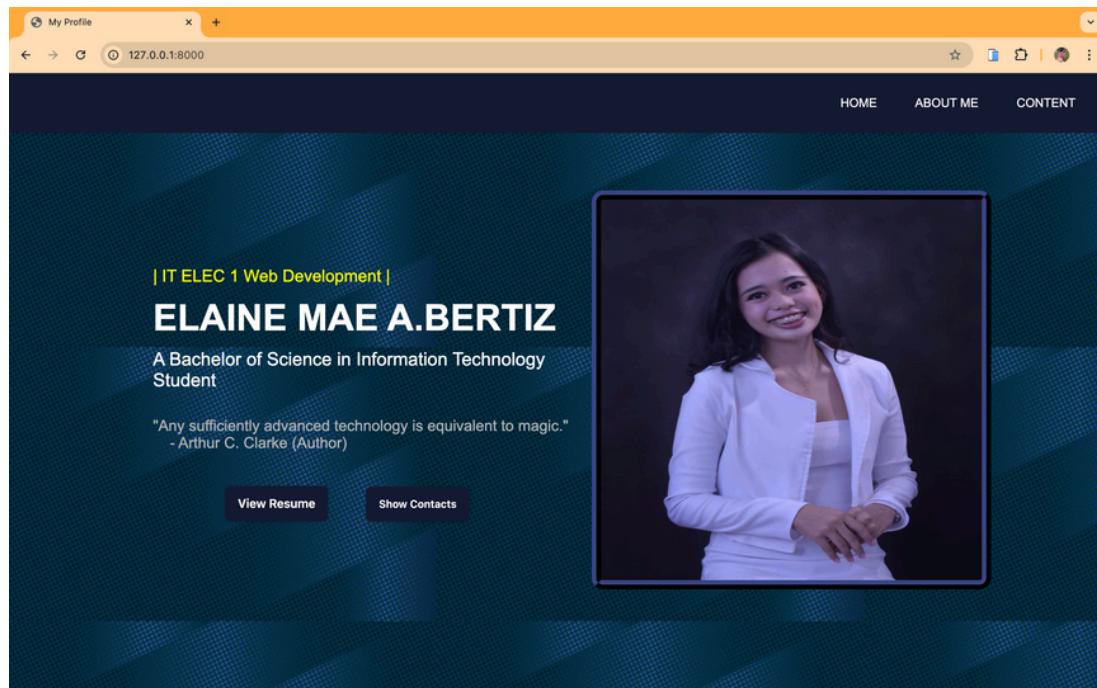
Route::get('/content', function () {
    return view('content');
});

Route::get('/education', function () {
    return view('education');
});

Route::get('/relationship', function () {
    return view('relationship');
});

Route::get('/hobbies', function () {
    return view('hobbies');
});
💡
Route::get('/resume', function () {
    return view('resume');
});
```

## Homepage



## ABOUT

127.0.0.1:8000/about

**About Me**

*~ Allow me to Introduce Myself ~*



Hello, I am Elaine, also known as Lainey or Laine. I bring forth a vibrant and positive energy to both my personal and professional life. As an extroverted individual, I find joy in interacting with people and establishing connections. Currently pursuing a Bachelor of Science in Information Technology at Bicol University, I am not only dedicated to academic excellence but also committed to developing practical skills in the ever-evolving field of technology. What sets me apart is my ability to seamlessly transition between leadership roles and collaborative team environments. I consider myself both a capable leader and an enthusiastic team player, valuing the strength that diversity brings to any group. My communication skills and adaptability contribute to effective collaboration, fostering a positive and productive team dynamic. I am particularly eager to learn and gain valuable experiences at every opportunity. This drive for continuous improvement motivates me to embrace challenges and seek innovative solutions. I am confident that my blend of leadership, teamwork, and a perpetual eagerness to learn will make a positive impact in any professional setting. I am a dynamic individual who effortlessly transitions between leadership and teamwork, driven by an unwavering enthusiasm for learning and growth. Eager to contribute my skills to any team, I possess a strong profile and a passion for creating positive work experiences. I am open to new opportunities and envision being a valuable asset to any company's success story. I am seeking a meaningful and impactful role where my skills and enthusiasm align with a shared vision for success.



## CONTENT

127.0.0.1:8000/content

**CONTENT**

*~ Get to know more about Lainey ~*

  
EDUCATION

  
RELATIONSHIP

  
HOBBIES

HOME    ABOUT ME    CONTENT

**EDUCATION**

*~ Get to know my alma mater ~*

  
Northwest Central Elementary School  
(2015-2016)

  
Tabaco National High School  
(2015-2016)

  
Mariners' Polytechnic Colleges Foundation  
Legazpi City  
(2019-2020)

  
Bicol University  
(2022-present)

## RELATIONSHIP

~ Lainey's Family ~

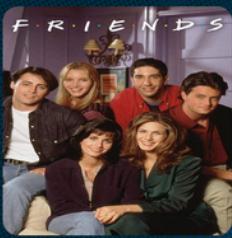


This photo shows my little family, including my boyfriend. These three people mean everything to me. We're really close, and they bring a lot of happiness to my life. In the see the strong bond and love we share. Each person in the photo is like a piece of a puzzle that completes our family picture. We have lots of fun times together, and these life feel special. Looking at this photo reminds me of the love and joy that come from being with the people I care about the most. It's a snapshot of the happy moments connections that make our family unique and special.



## HOBBIES

~ Let's keep this a secret! ~



Watching Sitcom Series



Traveling



Shopping



Photography

