

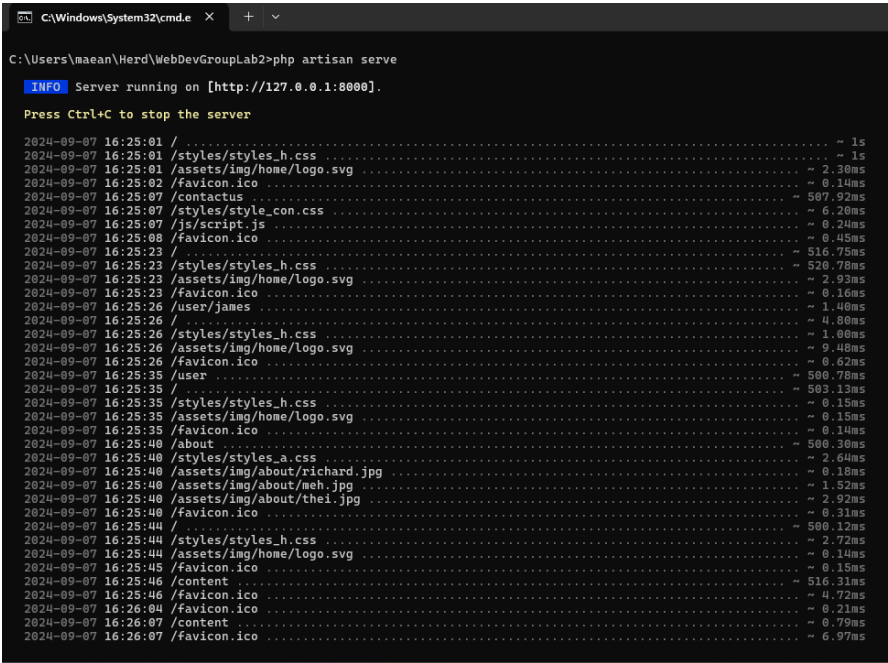
# DOCUMENTATION

## Web Development

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BSIT-3C

### Take screenshots of your application runtime along with its code



### WEB.PHP

```
6 Route::get('/', function () {
7     return view('welcome');
8 });
```

- This route responds to a GET request to the root URL ('/') and returns the **'welcome'** view.

```
10 Route::get('/contactus', function () {
11     return view('contactus');
12 });
```

- This route responds to a GET request to the **'/contactus'** URL and returns the **'contactus'** view.

```
14 Route::get('/about', function () {
15     return view('about');
16 });
```

- This route responds to a GET request to the **'/about'** URL and returns the **'about'** view.

```
18 Route::get('/user/{name?}', function ($name = null) {
19     $userName = preg_replace('/[^a-zA-Z]/', '', $name);
20
21     $userName = $userName ?: 'Guest';
22
23     $userName = ucfirst(strtolower($userName));
24
25     session()->flash('user_name', $userName);
26
27     return redirect('/');
28 });
```

- This route allows users to visit **'/user/{name?}'** and sets a session variable **'user\_name'** with the sanitized and formatted input. If no **'name'** is provided, it defaults to **'Guest'**. The user is then redirected back to the root URL.

**Provide a detailed explanation of how your code works, highlighting the purpose of each key section.**

## **HTML Structure**

HTML code defines a basic web page structure with a header, navigation menu, container, and a modal section.

### **Header Section**

The header section contains a logo and a navigation menu with three links: Home, About, and Contact Us. The logo is a link to the root URL (`/`), and the navigation links use the `url()` helper function to generate the URLs for each route.

## **WELCOME.BLADE.PHP**

### **Container Section**

The container section displays a logo, a heading, and a button to explore more. The button links to the About page.

### **Modal Section**

The modal section defines a welcome modal that displays a personalized message to the user. The modal is triggered by JavaScript code that checks if a `user_name` session variable is set. If it is, the modal is shown.

### **JavaScript Code**

The JavaScript code uses jQuery to show the welcome modal when the page is ready. There are two identical code blocks that check if the `user_name` session variable is set and show the modal if it is.

### **CSS and Fonts**

This code links to several external CSS files, including Google Fonts, Font Awesome, and Bootstrap. We also have a custom CSS file `(styles/styles_h.css)` that is linked at the end of the head section.

### **Laravel Integration**

Our code uses Laravel's `url()` helper function to generate URLs for each route. It also uses Blade syntax to display the `user_name` session variable in the welcome modal.

## ABOUT.BLADE.PHP

### Main Content Section

The main content section is divided into three parts, each representing a team member. Each part contains:

- A header with the team member's name
- An image of the team member
- An unordered list with two items:
  - Education: displays the team member's educational background
  - About Me: displays a brief description of the team member

### CSS and Fonts

We linked our codes to several external CSS files, including Google Fonts, Font Awesome, and a custom CSS file (styles/styles\_a.css) that is linked at the end of the head section.

### Laravel Integration

We also used Laravel's ``url()`` helper function to generate URLs for each route.

## CONTACTUS.BLADE.PHP

### Main Content (Form Section)

The main part of the page is the form that allows users to submit a message.

Form Layout: The form uses Bootstrap's grid system and classes (like form-control, btn, container) to ensure responsiveness and alignment.

The form fields are wrapped inside `<div>` elements with Bootstrap's utility classes, making them responsive and properly aligned within the page.

Icons: Feather icons (data-feather) are used for the name and email fields, adding a visual element to the input labels.

### External Scripts

The bottom of the page includes external scripts necessary for the functionality of Bootstrap and Feather icons.

**jQuery & Popper.js:** Required for Bootstrap's interactive components (such as modals, dropdowns, and tooltips).

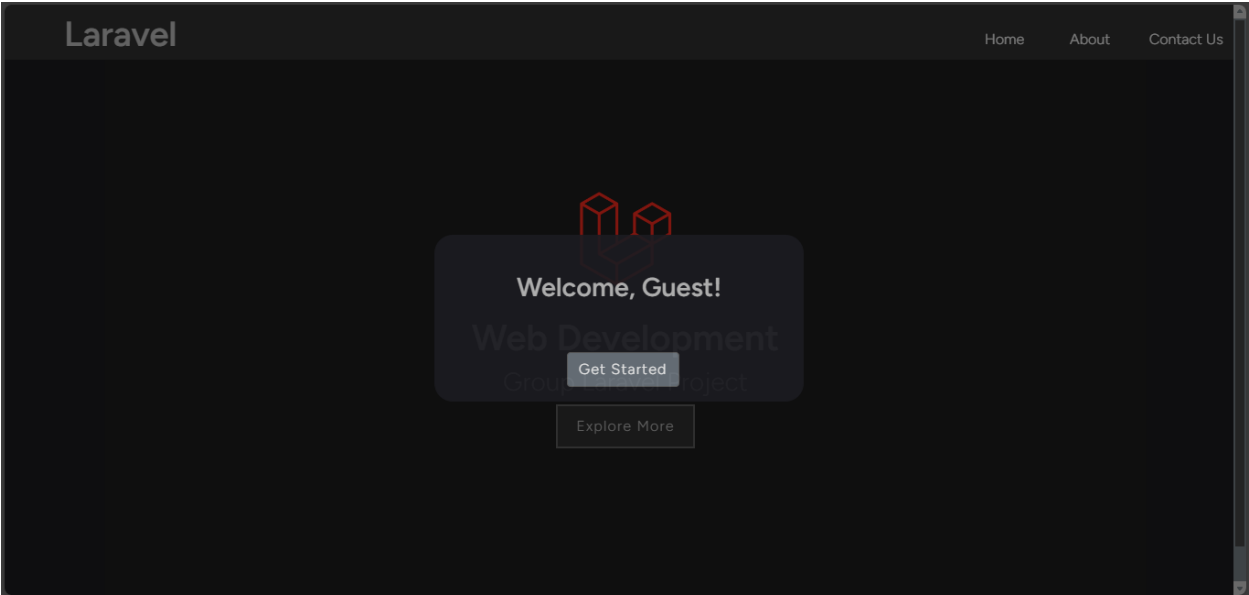
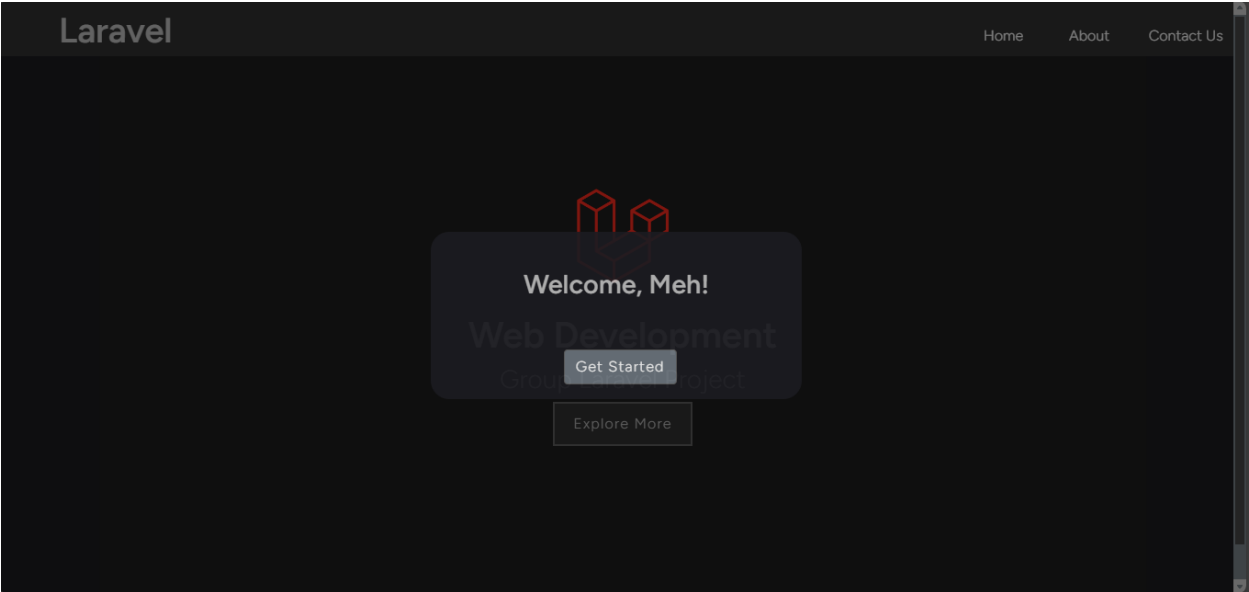
**Bootstrap JavaScript:** Enables Bootstrap's interactive components.

**Feather Icons Script:** Activates the Feather icons (data-feather).

**Custom Script:** script.js is loaded via Laravel's `{{ asset() }}` function, which ensures the correct path is used for static files.

**OUTPUT:**


**HOME**



ABOUT US

[Home](#)[About](#)[Contact Us](#)


ABOUT US



**RICHARD D. BILAN JR.**

Education:


3rd Year BS Information Technology



**MAE ANNE B. BONGAT**

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CONTACT US

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Talk to Us

Name

E-mail

Your message

Send message