

LAB 2 DOCUMENTATION

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WEB DEVELOPMENT

BSIT - 3C

1.

```
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Web Development</title>
7 <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Montserrat:ital,wght@0,100..900;1,100..900&display=swap">
8 <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Bebas+Neue&display=swap" >
9 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
10 <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Staatliches&display=swap">
11 <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Bebas+Neue&family=Figtree:wght@300;600&display=swap">
12 <link rel="stylesheet" href="styles/styles_h.css">
13 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
14 </head>
```

- This section sets up the webpage's metadata, including character encoding and viewport settings for mobile responsiveness. It also links to external stylesheets from Google Fonts, Font Awesome, a custom CSS file, and Bootstrap for styling and layout.

2.

```
7 <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Montserrat:ital,wght@0,100..900;1,100..900&display=swap">
8 <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Bebas+Neue&display=swap" >
9 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
10 <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Staatliches&display=swap">
11 <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Bebas+Neue&family=Figtree:wght@300;600&display=swap">
12 <link rel="stylesheet" href="styles/styles_h.css">
13 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
```

- This section links external stylesheets for Google Fonts, Font Awesome icons, a custom CSS file, and Bootstrap to style and layout the webpage.

3.

```
34 <div class="container">
35 
36 <h1 style="font-weight: 900;">Web Development</h1>
37 <h3 style="font-weight: 100;">Group Laravel Project</h3>
38 <a href="{{ url('/about') }}">
39 <button>Explore More</button>
40 </a>
41 </div>
```

- This container displays the Laravel logo, headings for "Web Development" and "Group Laravel Project", and provides a button that links to the "About" page using Laravel's URL helper.

4.

```
43 <section class="welcome-section">
44
45 <div class="modal fade welcome-modal" id="welcomeModal" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true">
46 <div class="modal-dialog modal-centered" role="document">
47 <div class="modal-content">
48 <div class="modal-body">
49 <p>Welcome, {{ session('user_name') }}!</p>
50 </div>
51 <div class="modal-footer">
52 <button type="button" class="btn btn-secondary" data-dismiss="modal">Get Started</button>
53 </div>
54 </div>
55 </div>
56 </div>
57
58 </section>
```

- This section defines a Bootstrap modal that welcomes the user by displaying their name, which is dynamically retrieved from the session (`{{ session('user_name') }}`). The modal includes a "Get Started" button to dismiss it, and is set to appear when triggered by JavaScript.

5.

```
61 <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
62 <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.6/dist/umd/popper.min.js"></script>
63 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
```

- This section includes external JavaScript libraries for jQuery, Popper.js, and Bootstrap to enable interactive functionality, such as modals, tooltips, and dynamic elements on the webpage.

6.

```
65 <script>
66     $(document).ready(function() {
67         @if(session('user_name'))
68             $('#welcomeModal').modal('show');
69         @endif
70     });
71
72     $(document).ready(function() {
73         @if(session('user'))
74             $('#welcomeModal').modal('show');
75         @endif
76     });
77 </script>
```

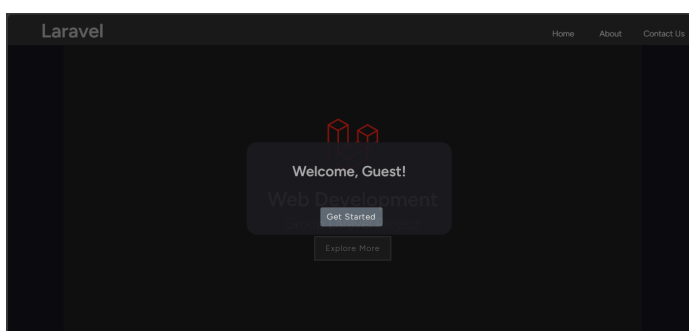
- This script uses jQuery to display the `#welcomeModal` if the session contains either `user_name` or `user`, with the modal shown when the document is ready.

7.

```
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 });
29
```

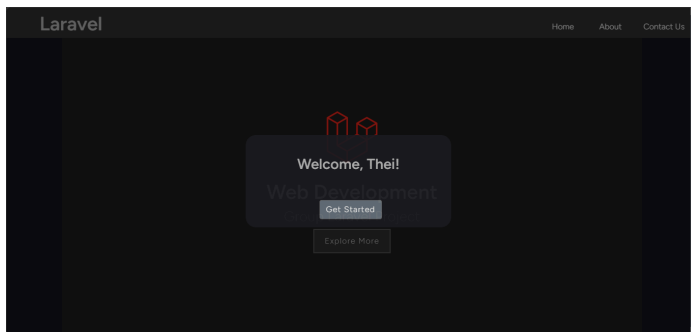
- This route captures an optional `name` parameter from the URL, sanitizes it by removing non-alphabetic characters, and formats it to a capitalized form. It then stores this formatted name in the session and redirects the user to the home page.

8.



- This will pop up if the user does not provide a name resulting in \$name being null, the code defaults \$userName to 'Guest'.

9.



- This will pop up if the user provides a name or a name with an integer, the code will remove the numeric characters, resulting in a name that only contains alphabetic characters.