

DOCUMENTATION

1. Blade Layout File (layout.blade.php)

Purpose and Usage

- **Purpose:** The layout.blade.php file serves as the base layout for our web pages. It includes common elements such as the header, footer, and essential styles and scripts that are consistent across all pages.
- **Usage:** Each page-specific Blade template extends this layout to ensure a cohesive design throughout the site. The layout file defines placeholders where specific content will be inserted by individual views.

Structure:

layout.blade.php

```
resources > views > components > layout.blade.php
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>@yield('title')</title>
8      <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
9      <link href="{{ asset('asset/css/style.css') }}" rel="stylesheet">
10 </head>
11
12 <body>
13     <header>
14         <nav class="navbar navbar-expand-lg navbar-light">
15             <div class="container">
16                 <a class="navbar-brand" href="/">Crafts N' Wraps</a>
17                 <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav"
18                     aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
19                     <span class="navbar-toggler-icon"></span>
20                 </button>
21                 <div class="collapse navbar-collapse" id="navbarNav">
22                     <ul class="navbar-nav ms-auto">
23                         <li class="nav-item">
24                             <a class="nav-link" href="/">Home</a>
25                         </li>
26                         <li class="nav-item">
27                             <a class="nav-link" href="/about">About</a>
28                         </li>
29                         <li class="nav-item">
30                             <a class="nav-link" href="/shop">Shop</a>
31                         </li>
32                     </ul>
33                 </div>
34             </div>
35         </nav>
36     </header>
37
38     @yield('jumbotron')
39
40     @yield('content')
41
42     <footer class="footer mt-5">
43         <div class="container">
44             <p>&copy; 2024 Crafts N' Wraps. All rights reserved.</p>
45         </div>
46     </footer>
47
48     <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
49     <script>
50         let prevScrollpos = window.pageYOffset;
51         window.onscroll = function() {
52             let currentScrollPos = window.pageYOffset;
53             if (prevScrollpos > currentScrollPos) {
54                 document.querySelector(".navbar").classList.remove("hidden");
55             } else {
56                 document.querySelector(".navbar").classList.add("hidden");
57             }
58             prevScrollpos = currentScrollPos;
59         }
60     </script>
61 </body>
62
63 </html>
```

2. View Files

home.blade.php

```
resources > views > home.blade.php
1  @extends('Components.layout')
2
3  @section('title', 'CNW | Home')
4
5  @section('jumbotron')
6  <div class="jumbotron">
7      <div>
8          <h1>Crafts N' Wraps</h1>
9          <p>Creating eternal treasures embraced by the heart.</p>
10         <a href="/shop" class="btn btn-shop-now btn-lg">Shop Now</a>
11     </div>
12 </div>
13 @endsection
14
15 @section('content')
16 <div class="container mt-5">
17     <h2 class="text-center">Best Sellers</h2>
18     <div class="row mt-4">
19         <div class="col-md-4">
20             <div class="card">
21                 
22                 <div class="card-body">
23                     <h5 class="card-title">Bouquet 1</h5>
24                     <p class="card-text">A stunning mix of artificial flowers and chocolates perfect for any occasion.</p>
25                 </div>
26             </div>
27         </div>
28         <div class="col-md-4">
29             <div class="card">
30                 
31                 <div class="card-body">
32                     <h5 class="card-title">Bouquet 2</h5>
33                     <p class="card-text">Brighten up someone's day with this vibrant arrangement.</p>
34                 </div>
35             </div>
36         </div>
37         <div class="col-md-4">
38             <div class="card">
39                 
40                 <div class="card-body">
41                     <h5 class="card-title">Bouquet 3</h5>
42                     <p class="card-text">A classic bouquet featuring timeless floral favorites.</p>
43                 </div>
44             </div>
45         </div>
46     </div>
47 </div>
48 @endsection
```

- **Purpose:** This file is used to render the homepage of our site. It includes a jumbotron for promotional content and a section for showcasing best sellers.
- **Integration:** It extends layout.blade.php, filling the @yield('title'), @yield('jumbotron'), and @yield('content') sections with relevant content for the homepage.

about.blade.php

```
resources > views > about.blade.php
1  @extends('Components.layout')
2
3  @section('title', 'CNW | About')
4
5  @section('content')
6  <div class="container mt-5">
7      <br>
8      <h1 class="text-center">About CNW</h1>
9      <p class="text-center">
10         Crafts N' Wraps is a flower shop offering exquisite bouquets crafted with love and care. Our mission is to
11         bring beauty and joy into every home with our artificial floral arrangements.
12     </p>
13     <div class="row mt-4">
14         <div class="col-md-6">
15             
16         </div>
17         <div class="col-md-6">
18             <h3>Our Story</h3>
19             <p>
20                 Founded in 2024, CNW began as a small passion project. Today, we are proud to have grown into a
21                 beloved local business known for our unique and high-quality bouquets.
22             </p>
23         </div>
24     </div>
25 </div>
26 @endsection
```

- **Purpose:** This file is for the "About" page, providing information about the company.
- **Integration:** It extends layout.blade.php and populates the @yield('title') and @yield('content') sections with details about the company.

shop.blade.php

```
resources > views > shop.blade.php
1  @extends('Components.layout')
2
3  @section('title', 'CNW | Shop')
4
5  @section('content')
6  <div class="container mt-5">
7      <br>
8      <h1 class="text-center">Our Bouquets</h1>
9      <div class="row mt-4">
10         <div class="col-md-4 mb-custom">
11             <div class="card">
12                 
13                 <div class="card-body">
14                     <h5 class="card-title">Bouquet 1</h5>
15                     <p class="card-text">A stunning mix of roses and daisies.</p>
16                     <br>
17                     <p class="card-text"><strong>Price:</strong> P330</p>
18                     <a href="#" class="btn btn-shop-now btn-lg">Buy Now</a>
19                 </div>
20             </div>
21         </div>
22         <div class="col-md-4 mb-custom">
23             <div class="card">
24                 
25                 <div class="card-body">
26                     <h5 class="card-title">Bouquet 2</h5>
27                     <p class="card-text">Sunflowers and tulips for a bright, cheerful arrangement.</p>
28                     <p class="card-text"><strong>Price:</strong> P330</p>
29                     <a href="#" class="btn btn-shop-now btn-lg">Buy Now</a>
30                 </div>
31             </div>
32         </div>
33         <div class="col-md-4 mb-custom">
34             <div class="card">
35                 
36                 <div class="card-body">
37                     <h5 class="card-title">Bouquet 3</h5>
38                     <p class="card-text">A romantic blend of red and cream roses.</p>
39                     <br>
40                     <p class="card-text"><strong>Price:</strong> P500</p>
41                     <a href="#" class="btn btn-shop-now btn-lg">Buy Now</a>
42                 </div>
43             </div>
44         </div>
45         <div class="col-md-4 mb-custom">
46             <div class="card">
47                 
48                 <div class="card-body">
49                     <h5 class="card-title">Bouquet 4</h5>
50                     <p class="card-text">An elegant combination of roses and daisies.</p>
51                     <br>
52                     <p class="card-text"><strong>Price:</strong> P470</p>
53                     <a href="#" class="btn btn-shop-now btn-lg">Buy Now</a>
54                 </div>
55             </div>
56         </div>
57     </div>
58 </div>
```

```
55     </div>
56 </div>
57 <div class="col-md-4 mb-custom">
58     <div class="card">
59         
60         <div class="card-body">
61             <h5 class="card-title">Bouquet 5</h5>
62             <p class="card-text">A vibrant arrangement of butterflies and chocolates.</p>
63             <p class="card-text"><strong>Price:</strong> P450</p>
64             <a href="#" class="btn btn-shop-now btn-lg">Buy Now</a>
65         </div>
66     </div>
67 </div>
68 <div class="col-md-4 mb-custom">
69     <div class="card">
70         
71         <div class="card-body">
72             <h5 class="card-title">Bouquet 6</h5>
73             <p class="card-text">A beautiful single sunflower.</p>
74             <br>
75             <p class="card-text"><strong>Price:</strong> P150</p>
76             <a href="#" class="btn btn-shop-now btn-lg">Buy Now</a>
77         </div>
78     </div>
79 </div>
80 </div>
81 </div>
82 @endsection
```

- **Purpose:** This file displays the "Shop" page, featuring a list of bouquets available for purchase.
- **Integration:** It extends layout.blade.php and fills the @yield('title') and @yield('content') sections with shop content.

3. Routing Configuration (web . php)

```
routes > web.php
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4
5  Route::get('/', function () {
6      return view('home');
7  });
8
9  Route::get('/about', function () {
10     return view('about');
11 });
12
13 Route::get('/shop', function () {
14     return view('shop');
15 });
```

- **Purpose:** This routing configuration maps URLs to specific Blade views, defining how different pages of the site are accessed.
- **Integration:** Each route specifies which view file to load when a user visits a particular URL, ensuring that the correct page content is displayed.

4. Challenges and Resolutions

- **Challenge:** Integrating the layout and individual views to ensure consistent design and functionality.

- **Resolution:** We used @extends and @section correctly in our view files to ensure that content is properly inserted into the layout's placeholders.
- **Challenge:** Achieving responsive design and maintaining layout consistency across various devices.
  - **Resolution:** We utilized Bootstrap's grid system and utility classes to ensure that our site is responsive and looks consistent across different screen sizes.

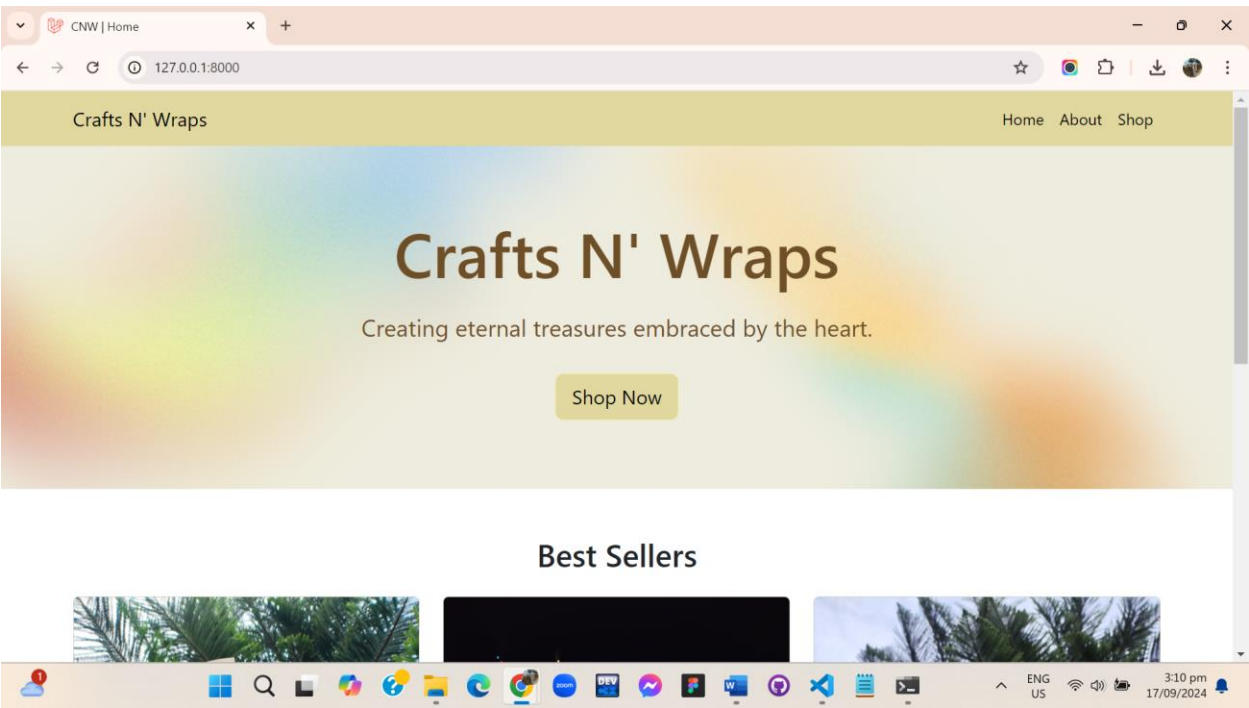
5. Comparison Between {{\$slot}} and @yield

- **{{\$slot}}:**
  - **Usage:** We use {{\$slot}} in Blade components to specify where the content passed between component tags should be rendered.
- **@yield:**
  - **Usage:** In our layout files, @yield is used to define placeholders where child views will provide content.

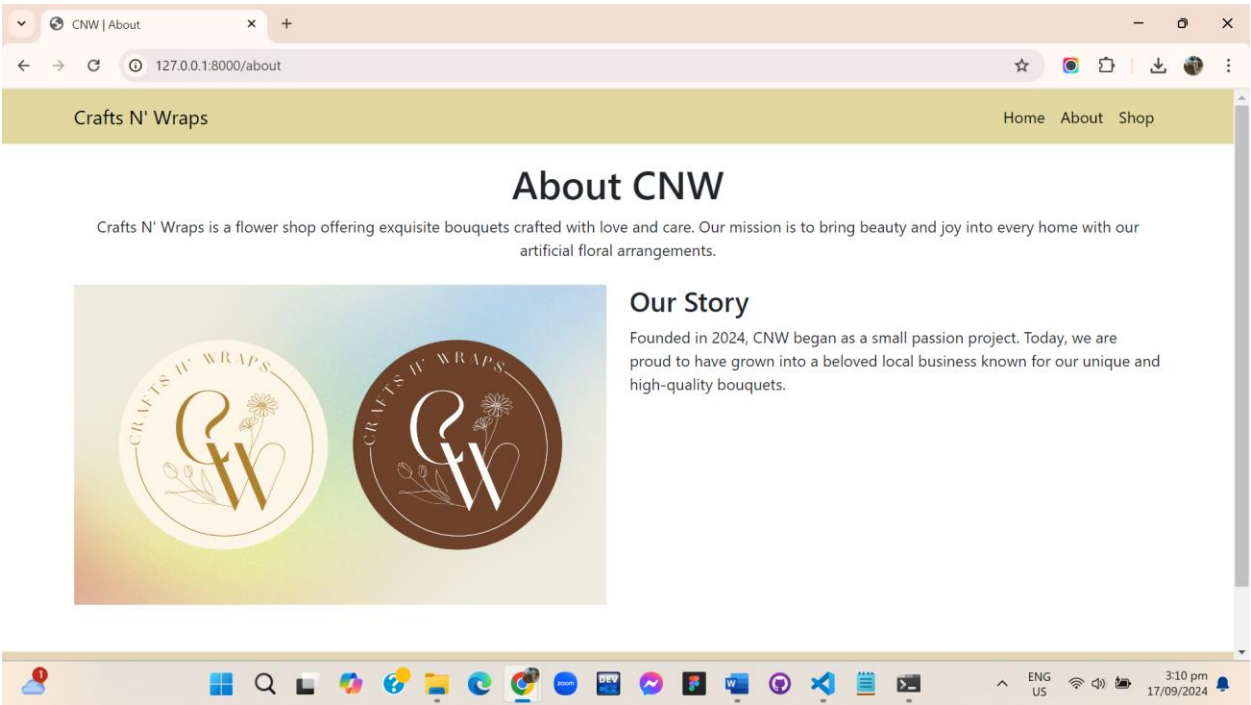
**Summary:** {{\$slot}} is used in components for dynamic content insertion, while @yield is used in layouts to define content sections that are filled by individual views.

6. Rendered Web Pages

Home



About



Shop

