

SCREENSHOTS: TAKE SCREENSHOTS OF YOUR BLADE TEMPLATE FILES, ROUTING CONFIGURATION, AND THE RENDERED WEB PAGES

Layout.blade.php

```
resources > views > components > layout.blade.php > ...
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>@yield('title')</title>
7     <link rel="stylesheet" href="{{ asset('css/app.css') }}">
8     @yield('styles')
9 </head>
10 <body>
11     <header>
12         <div class="logo">
13             <a href="{{ url('/') }}" style="text-decoration: none;">
14                 <h1 class="text"></h1>
15             </a>
16         </div>
17         <nav class="logo">
18             <ul>
19                 <li><a href="{{ url('/') }}" style="text-decoration: none;">Home</a></li>
20                 <li><a href="{{ url('/about') }}" style="text-decoration: none;">About</a></li>
21                 <li><a href="{{ url('/contactus') }}" style="text-decoration: none;">Contact Us</a></li>
22             </ul>
23         </nav>
24     </header>
25
26     <div class="content">
27         @yield('content')
28     </div>
29
30     <script src="{{ asset('js/app.js') }}"></script>
31     <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
32     <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.6/dist/umd/popper.min.js"></script>
33     <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
34     <script src="https://stackpath.bootstrapcdn.com/bootstrap/5.3.0/js/bootstrap.bundle.min.js"></script>
35
36     @yield('scripts')
37 </body>
38 </html>
```

about.blade.php

```
resources > views > aboutblade.php > div.section-header
1
2 @extends('components.layout')
3 @section('title', 'About Us')
4
5 @section('styles')
6     <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Bebas+Neue&family=Figtree:wght@300;600&display=swap">
7
8     <link rel="stylesheet" href="{{ asset('styles/styles_a.css') }}">
9 @endsection
10
11 @section('content')
12
13     <div class="section-header">
14         <h2 class="header header_home">About Us</h2>
15     </div>
16
17     <div class="container">
18         <div class="box">
19             <div class="info-image">
20                 
21             </div>
22
23             <h2> RICHARD D. BILAN JR. </h2>
24             <ul class="info-list">
25                 <li><strong>Education:</strong> <br>3rd Year BS Information Technology <br> College of Science <br> Bicol University</li>
26                 <li><strong>About Me:</strong> <br>I am an IT student with a strong curiosity about the tech field. While I am still exploring my future career path, I'm focused on f<
27             </ul>
28         </div>
29
30         <div class="box">
31             <div class="info-image">
32                 
33             </div>
34
35             <h2> MAE ANNE B. BONGAT</h2>
36             <ul class="info-list">
37                 <li><strong>Education:</strong> <br>3rd Year BS Information Technology <br> College of Science <br> Bicol University</li>
38                 <li><strong>About Me:</strong> <br>A student eager to learn more about the IT industry. Although still uncertain about which path to take, I am committed to completing<
39             </ul>
40         </div>
41
42         <div class="box">
43             <div class="info-image">
44                 
45             </div>
46
47             <h2> ALTHEA M. CASIMIRO</h2>
48             <ul class="info-list">
```

```
47 |         <h2> ALTHEA M. CASIMIRO</h2>
48 |         <ul class="info-list">
49 |           <li><strong>Education:</strong><br>3rd Year BS Information Technology <br> College of Science <br> Bicol University</li>
50 |           <li><strong>About Me:</strong> <br>I'm an IT student who is passionate about finishing my studies in this course but I also love engaging in creative activities that I
51 |         </ul>
52 |       </div>
53 |     </div>
54 |
55 | @endsection
56 |
```

Welcome.blade.php

```
resources > views > welcome.blade.php > ...
1 | @extends('components.layout')
2 |
3 | @section('title', 'Web Development')
4 |
5 | @section('styles')
6 |     <link rel='stylesheet' href='https://fonts.googleapis.com/css2?family=Bebas+Neue&family=Figtree:wght@300&family=Inter:wght@400&family=Roboto:wght@400&family=Roboto:wght@700&family=Roboto:wght@900'>
7 |
8 |     <link rel="stylesheet" href="{{ asset('styles/styles_h.css') }}">
9 | @endsection
10 |
11 | @section('content')
12 |     <div class="container">
13 |         
14 |         <h1>Web Development</h1>
15 |         <h2>Group Laravel Project</h2>
16 |         <a href="{{ url('/login') }}">
17 |             <button>Explore More</button>
18 |         </a>
19 |     </div>
20 | @endsection
```

Contactus.blade.php

```
resources > views > contactus.blade.php > div.container.d-flex.justify-content-center.align-items-center > svg.svg > g#Image > g#g14 > g#g16 > g#g22 > g#g26 > g#g30 > g#g32
1 | @extends('Components.Layout')
2 |
3 | @section('title', 'Contact Us')
4 |
5 | @section('styles')
6 |     <link rel='stylesheet' href='https://fonts.googleapis.com/css2?family=Bebas+Neue&family=Figtree:wght@300&family=Inter:wght@400&family=Roboto:wght@400&family=Roboto:wght@700&family=Roboto:wght@900'>
7 |     <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/normalize/5.0.0/normalize.min.css">
8 |     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
9 |     <link rel="stylesheet" href='https://fonts.googleapis.com/css2?family=Pacifico&family=Quicksand&family=Roboto:wght@400&family=Roboto:wght@700&family=Roboto:wght@900'>
10 |     <link rel="stylesheet" href="{{ url('styles/style_con.css') }}">
11 | @endsection
12 |
13 | @section('content')
14 |
15 | <div class="container d-flex justify-content-center align-items-center">
16 |     <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 790 563" fill="none" class="svg">
17 |         <g id="Image">
18 |             <g id="g14">
19 |                 <g id="g16">
20 |                     <g id="g22">
21 |                         <path id="path24" d="M578.06 12.9772C592.384 8.33142 607.668 7.43103 622.952 7.43103 638.236 7.43103 653.52 7.43103 668.804 7.43103 684.088 7.43103 699.372 7.43103 714.656 7.43103 729.94 7.43103 745.224 7.43103 770.708 7.43103 796.192 7.43103 821.676 7.43103 847.16 7.43103 872.644 7.43103 898.128 7.43103 923.612 7.43103 949.096 7.43103 974.58 7.43103 1000.06 7.43103 1025.54 7.43103 1051.02 7.43103 1076.5 7.43103 1101.98 7.43103 1127.94 7.43103 1153.42 7.43103 1178.9 7.43103 1204.38 7.43103 1229.86 7.43103 1255.34 7.43103 1280.82 7.43103 1306.28 7.43103 1331.76 7.43103 1357.24 7.43103 1382.72 7.43103 1408.2 7.43103 1433.68 7.43103 1459.16 7.43103 1484.64 7.43103 1510.12 7.43103 1535.6 7.43103 1561.08 7.43103 1586.56 7.43103 1612.04 7.43103 1637.52 7.43103 1662.96 7.43103 1688.44 7.43103 1713.92 7.43103 1739.4 7.43103 1764.88 7.43103 1790.36 7.43103 1816.32 7.43103 1841.76 7.43103 1867.24 7.43103 1892.72 7.43103 1918.2 7.43103 1943.68 7.43103 1969.16 7.43103 1994.64 7.43103 2020.12 7.43103 2045.6 7.43103 2071.08 7.43103 2096.56 7.43103 2122.04 7.43103 2147.52 7.43103 2172.96 7.43103 2203.44 7.43103 2228.92 7.43103 2254.4 7.43103 2279.88 7.43103 2305.36 7.43103 2330.84 7.43103 2356.32 7.43103 2381.8 7.43103 2407.28 7.43103 2432.76 7.43103 2458.24 7.43103 2483.72 7.43103 2509.2 7.43103 2534.68 7.43103 2560.16 7.43103 2585.64 7.43103 2611.12 7.43103 2636.6 7.43103 2662.08 7.43103 2687.56 7.43103 2713.04 7.43103 2738.52 7.43103 2764 7.43103 2789.48 7.43103 2814.96 7.43103 2840.44 7.43103 2865.92 7.43103 2891.4 7.43103 2916.88 7.43103 2942.36 7.43103 2967.84 7.43103 2993.32 7.43103 3018.8 7.43103 3044.28 7.43103 3069.76 7.43103 3095.24 7.43103 3120.72 7.43103 3146.2 7.43103 3171.68 7.43103 3197.16 7.43103 3222.64 7.43103 3248.12 7.43103 3273.6 7.43103 3299.08 7.43103 3324.56 7.43103 3350.04 7.43103 3375.52 7.43103 3401 7.43103 3426.48 7.43103 3451.96 7.43103 3477.44 7.43103 3502.92 7.43103 3528.4 7.43103 3553.88 7.43103 3579.36 7.43103 3604.84 7.43103 3630.32 7.43103 3655.8 7.43103 3681.28 7.43103 3706.76 7.43103 3732.24 7.43103 3757.72 7.43103 3783.2 7.43103 3808.68 7.43103 3834.16 7.43103 3859.64 7.43103 3885.12 7.43103 3910.6 7.43103 3936.08 7.43103 3961.56 7.43103 3987.04 7.43103 4012.52 7.43103 4038 7.43103 4063.48 7.43103 4088.96 7.43103 4114.44 7.43103 4139.92 7.43103 4165.4 7.43103 4190.88 7.43103 4216.36 7.43103 4241.84 7.43103 4267.32 7.43103 4292.8 7.43103 4318.28 7.43103 4343.76 7.43103 4369.24 7.43103 4394.72 7.43103 4420.2 7.43103 4445.68 7.43103 4471.16 7.43103 4496.64 7.43103 4522.12 7.43103 4547.6 7.43103 4573.08 7.43103 4598.56 7.43103 4624.04 7.43103 4649.52 7.43103 4675 7.43103 4700.48 7.43103 4725.96 7.43103 4751.44 7.43103 4776.92 7.43103 4802.4 7.43103 4827.88 7.43103 4853.36 7.43103 4878.84 7.43103 4904.32 7.43103 4929.8 7.43103 4955.28 7.43103 4980.76 7.43103 5006.24 7.43103 5031.72 7.43103 5057.2 7.43103 5082.68 7.43103 5108.16 7.43103 5133.64 7.43103 5159.12 7.43103 5184.6 7.43103 5210.08 7.43103 5235.56 7.43103 5261.04 7.43103 5286.52 7.43103 5312 7.43103 5337.48 7.43103 5362.96 7.43103 5388.44 7.43103 5413.92 7.43103 5439.4 7.43103 5464.88 7.43103 5490.36 7.43103 5515.84 7.43103 5541.32 7.43103 5566.8 7.43103 5592.28 7.43103 5617.76 7.43103 5643.24 7.43103 5668.72 7.43103 5694.2 7.43103 5719.68 7.43103 5745.16 7.43103 5770.64 7.43103 5796.12 7.43103 5821.6 7.43103 5847.08 7.43103 5872.56 7.43103 5898.04 7.43103 5923.52 7.43103 5949 7.43103 5974.48 7.43103 6000 7.43103 6025.48 7.43103 6050.96 7.43103 6076.44 7.43103 6101.92 7.43103 6127.4 7.43103 6152.88 7.43103 6178.36 7.43103 6203.84 7.43103 6229.32 7.43103 6254.8 7.43103 6280.28 7.43103 6305.76 7.43103 6331.24 7.43103 6356.72 7.43103 6382.2 7.43103 6407.68 7.43103 6433.16 7.43103 6458.64 7.43103 6484.12 7.43103 6509.6 7.43103 6535.08 7.43103 6560.56 7.43103 6586.04 7.43103 6611.52 7.43103 6637 7.43103 6662.48 7.43103 6687.96 7.43103 6713.44 7.43103 6738.92 7.43103 6764.4 7.43103 6789.88 7.43103 6815.36 7.43103 6840.84 7.43103 6866.32 7.43103 6891.8 7.43103 6917.28 7.43103 6942.76 7.43103 6968.24 7.43103 6993.72 7.43103 7019.2 7.43103 7044.68 7.43103 7070.16 7.43103 7095.64 7.43103 7121.12 7.43103 7146.6 7.43103 7172.08 7.43103 7197.56 7.43103 7223.04 7.43103 7248.52 7.43103 7274 7.43103 7299.48 7.43103 7324.96 7.43103 7350.44 7.43103 7375.92 7.43103 7401.4 7.43103 7426.88 7.43103 7452.36 7.43103 7477.84 7.43103 7503.32 7.43103 7528.8 7.43103 7554.28 7.43103 7579.76 7.43103 7605.24 7.43103 7630.72 7.43103 7656.2 7.43103 7681.68 7.43103 7707.16 7.43103 7732.64 7.43103 7758.12 7.43103 7783.6 7.43103 7809.08 7.43103 7834.56 7.43103 7860.04 7.43103 7885.52 7.43103 7911 7.43103 7936.48 7.43103 7961.96 7.43103 7987.44 7.43103 8012.92 7.43103 8038.4 7.43103 8063.88 7.43103 8089.36 7.43103 8114.84 7.43103 8140.32 7.43103 8165.8 7.43103 8191.28 7.43103 8216.76 7.43103 8242.24 7.43103 8267.72 7.43103 8293.2 7.43103 8318.68 7.43103 8344.16 7.43103 8369.64 7.43103 8395.12 7.43103 8420.6 7.43103 8446.08 7.43103 8471.56 7.43103 8497.04 7.43103 8522.52 7.43103 8548 7.43103 8573.48 7.43103 8598.96 7.43103 8624.44 7.43103 8649.92 7.43103 8675.4 7.43103 8700.88 7.43103 8726.36 7.43103 8751.84 7.43103 8777.32 7.43103 8802.8 7.43103 8828.28 7.43103 8853.76 7.43103 8879.24 7.43103 8904.72 7.43103 8930.2 7.43103 8955.68 7.43103 8981.16 7.43103 9006.64 7.43103 9032.12 7.43103 9057.6 7.43103 9083.08 7.43103 9108.56 7.43103 9134.04 7.43103 9159.52 7.43103 9185 7.43103 9210.48 7.43103 9235.96 7.43103 9261.44 7.43103 9286.92 7.43103 9312.4 7.43103 9337.88 7.43103 9363.36 7.43103 9388.84 7.43103 9414.32 7.43103 9439.8 7.43103 9465.28 7.43103 9490.76 7.43103 9516.24 7.43103 9541.72 7.43103 9567.2 7.43103 9592.68 7.43103 9618.16 7.43103 9643.64 7.43103 9669.12 7.43103 9694.6 7.43103 9720.08 7.43103 9745.56 7.43103 9771.04 7.43103 9796.52 7.43103 9822 7.43103 9847.48 7.43103 9872.96 7.43103 9898.44 7.43103 9923.92 7.43103 9949.4 7.43103 9974.88 7.43103 10000.36 7.43103 10025.84 7.43103 10051.32 7.43103 10076.8 7.43103 10102.28 7.43103 10127.76 7.43103 10153.24 7.43103 10178.72 7.43103 10204.2 7.43103 10229.68 7.43103 10255.16 7.43103 10280.64 7.43103 10306.12 7.43103 10331.6 7.43103 10357.08 7.43103 10382.56 7.43103 10408.04 7.43103 10433.52 7.43103 10459 7.43103 10484.48 7.43103 10509.96 7.43103 10535.44 7.43103 10560.92 7.43103 10586.4 7.43103 10611.88 7.43103 10637.36 7.43103 10662.84 7.43103 10688.32 7.43103 10713.8 7.43103 10739.28 7.43103 10764.76 7.43103 10790.24 7.43103 10815.72 7.43103 10841.2 7.43103 10866.68 7.43103 10892.16 7.43103 10917.64 7.43103 10943.12 7.43103 10968.6 7.43103 10994.08 7.43103 11019.56 7.43103 11045.04 7.43103 11070.52 7.43103 11096 7.43103 11121.48 7.43103 11146.96 7.43103 11172.44 7.43103 11197.92 7.43103 11223.4 7.43103 11248.88 7.43103 11274.36 7.43103 11299.84 7.43103 11325.32 7.43103 11350.8 7.43103 11376.28 7.43103 11401.76 7.43103 11427.24 7.43103 11452.72 7.43103 11478.2 7.43103 11503.68 7.43103 11529.16 7.43103 11554.64 7.43103 11580.12 7.43103 11605.6 7.43103 11631.08 7.43103 11656.56 7.43103 11682.04 7.43103 11707.52 7.43103 11733 7.43103 11758.48 7.43103 11783.96 7.43103 11809.44 7.43103 11834.92 7.43103 11860.4 7.43103 11885.88 7.43103 11911.36 7.43103 11936.84 7.43103 11962.32 7.43103 11987.8 7.43103 12013.28 7.43103 12038.76 7.43103 12064.24 7.43103 12089.72 7.43103 12115.2 7.43103 12140.68 7.43103 12166.16 7.43103 12191.64 7.43103 12217.12 7.43103 12242.6 7.43103 12268.08 7.43103 12293.56 7.43103 12319.04 7.43103 12344.52 7.43103 12370 7.43103 12395.48 7.43103 12420.96 7.43103 12446.44 7.43103 12471.92 7.43103 12497.4 7.43103 12522.88 7.43103 12548.36 7.43103 12573.84 7.43103 12599.32 7.43103 12624.8 7.43103 12650.28 7.43103 12675.76 7.43103 12701.24 7.43103 12726.72 7.43103 12752.2 7.43103 12777.68 7.43103 12803.16 7.43103 12828.64 7.43103 12854.12 7.43103 12879.6 7.43103 12905.08 7.43103 12930.56 7.43103 12956.04 7.43103 12981.52 7.43103 13007 7.43103 13032.48 7.43103 13057.96 7.43103 13083.44 7.43103 13108.92 7.43103 13134.4 7.43103 13159.88 7.43103 13185.36 7.43103 13210.84 7.43103 13236.32 7.43103 13261.8 7.43103 13287.28 7.43103 13312.76 7.43103 13338.24 7.43103 13363.72 7.43103 13389.2 7.43103 13414.68 7.43103 13440.16 7.43103 13465.64 7.43103 13491.12 7.43103 13516.6 7.43103 13542.08 7.43103 13567.56 7.43103 13593.04 7.43103 13618.52 7.43103 13644 7.43103 13669.48 7.43103 13694.96 7.43103 13720.44 7.43103 13745.92 7.43103 13771.4 7.43103 13796.88 7.43103 13822.36 7.43103 13847.84 7.43103 13873.32 7.43103 13898.8 7.43103 13924.28 7.43103 13949.76 7.43103 13975.24 7.43103 14000.72 7.43103 14026.2 7.43103 14051.68 7.43103 14077.16 7.43103 14102.64 7.43103 14128.12 7.43103 14153.6 7.43103 14179.08 7.43103 14204.56 7.43103 14230.04 7.43103 14255.52 7.43103 14281 7.43103 14306.48 7.43103 14331.96 7.43103 14357.44 7.43103 14382.92 7.43103 14408.4 7.43103 14433.88 7.43103 14459.36 7.43103 14484.84 7.43103 14510.32 7.43103 14535.8 7.43103 14561.28 7.43103 14586.76 7.43103 14612.24 7.43103 14637.72 7.43103 14663.2 7.43103 14688.68 7.43103 14714.16 7.43103 14739.64 7.43103 14765.12 7.43103 14790.6 7.43103 14816.08 7.43103 14841.56 7.43103 14867.04 7.43103 14892.52 7.43103 14918 7.43103 14943.48 7.43103 14968.96 7.43103 14994.44 7.43103 15019.92 7.43103 15045.4 7.43103 15070.88 7.43103 15096.36 7.43103 15121.84 7.43103 15147.32 7.43103 15172.8 7.43103 15198.28 7.43103 15223.76 7.43103 15249.24 7.43103 15274.72 7.43103 15300.2 7.43103 15325.68 7.43103 15351.16 7.43103 15376.64 7.43103 15402.12 7.43103 15427.6 7.43103 15453.08 7.43103 15478.56 7.43103 15504.04 7.43103 15529.52 7.43103 15555 7.43103 15580.48 7.43103 15605.96 7.43103 15631.44 7.43103 15656.92 7.43103 15682.4 7.43103 15707.88 7.43103 15733.36 7.43103 15758.84 7.43103 15784.32 7.43103 15809.8 7.43103 15835.28 7.43103 15860.76 7.43103 15886.24 7.43103 15911.72 7.43103 15937.2 7.43103 15962.68 7.43103 15988.16 7.43103 16013.64 7.43103 16039.12 7.43103 16064.6 7.43103 16090.08 7.43103 16115.56 7.43103 16141.04 7.43103 16166.52 7.43103 16192 7.43103 16217.48 7.43103 16242.96 7.43103 16268.44 7.43103 16293.92 7.43103 16319.4 7.43103 16344.88 7.43103 16370.36 7.43103 16395.84 7.43103 16421.32 7.43103 16446.8 7.43103 16472.28 7.43103 16497.76 7.43103 16523.24 7.43103 16548.72 7.43103 16574.2 7.43103 16599.68 7.43103 16625.16 7.43103 16650.64 7.43103 16676.12 7.43103 16701.6 7.43103 16727.08 7.43103 16752.56 7.43103 16778.04 7.43103 16803.52 7.43103 16829 7.43103 16854.48 7.43103 16879.96 7.43103 16905.44 7.43103 16930.92 7.43103 16956.4 7.43103 16981.88 7.43103 17007.36 7.43103 17032.84 7.43103 17058.32 7.43103 17083.8 7.43103 17109.28 7.43103 17134.76 7.43103 17160.24 7.43103 17185.72 7.43103 17211.2 7.43103 17236.68 7.43103 17262.16 7.43103 17287.64 7.43103 17313.12 7.43103 17338.6 7.43103 17364.08 7.43103 17389.56 7.43103 17415.04 7.43103 17440.52 7.43103 17466 7.43103 17491.48 7.43103 17516.96 7.43103 17542.44 7.43103 17567.92 7.43103 17593.4 7.43103 17618.88 7.43103 17644.36 7.43103 17669.84 7.43103 17695.32 7.43103 17720.8 7.43103 17746.28 7.43103 17771.76 7.43103 17
```

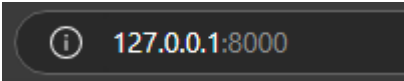
```
314 <form>
315     <h1 class="title text-center mb-4">Talk to Us</h1>
316
317     <div class="form-group position-relative">
318         <label for="formName" class="d-block">
319             <i class="icon" data-feather="user"></i>
320         </label>
321         <input type="text" id="formName" class="form-control form-control-lg thick" placeholder="Name">
322     </div>
323
324     <div class="form-group position-relative">
325         <label for="formEmail" class="d-block">
326             <i class="icon" data-feather="mail"></i>
327         </label>
328         <input type="email" id="formEmail" class="form-control form-control-lg thick" placeholder="E-mail">
329     </div>
330
331     <div class="form-group message">
332         <textarea id="formMessage" class="form-control form-control-lg" rows="7" placeholder="Your message">
333     </div>
334
335     <div class="text-center">
336         <button type="submit" class="btn btn-primary" tabIndex="-1">Send message</button>
337     </div>
338 </form>
339
340 </div>
341 @endsection
```

ROUTE CONFIGURATION

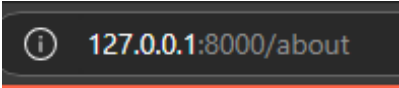
```
routes > web.php
1 <?php
2
3 use Illuminate\Support\Facades\Auth;
4 use Illuminate\Http\Request;
5 use Illuminate\Support\Facades\Route;
6
7 Route::get('/', function () {
8     return view('welcome');
9 })->name('welcome');
10
11 Route::get('/contactus', function () {
12     return view('contactus');
13 })->name('contact');
14
15 Route::get('/about', function () {
16     return view('about');
17 })->name('about');
18
19 Route::get('/user/{name?}', function ($name = null) {
20     $userName = preg_replace('/[^\a-zA-Z]/', '', $name);
21     $userName = $userName ?: 'Guest';
22     $userName = ucfirst(strtolower($userName));
23     session()->flash('user_name', $userName);
24
25     return redirect()->route('welcome');
26 });
```

THE RENDERED WEB PAGES

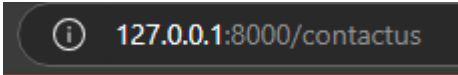
welcome.blade.php



about.blade.php



contactus.blade.php



1. PURPOSE OF THE LAYOUT FILE AND HOW IT IS USED

Layout File Purpose

The layout file, components.layout, serves as the base template for your application. It defines a common structure for all pages, including the <head>, header, footer, and any other repeating elements.

How It Is Used

- @extends('components.layout') in each view file tells Laravel to use components.layout as the base layout.
- @yield('title') and @yield('styles') are placeholders for content that will be filled in by the individual view files.
- @yield('content') is where the main content of each page will be inserted.

2. HOW EACH VIEW FILE EXTENDS THE LAYOUT AND INSERTS SPECIFIC CONTENT

Home Page View:

- Title Section: `@section('title', 'Web Development')` sets the title of the page.
- Styles Section: `@section('styles')` includes specific CSS files for this page.
- Content Section: `@section('content')` provides the unique content for the home page, such as images and buttons.

About Us Page View:

- Title Section: `@section('title', 'About Us')` sets the page title to "About Us."
- Styles Section: `@section('styles')` includes a different CSS file specific to the About Us page.
- Content Section: `@section('content')` contains information about team members, including images and text.

Each view file defines content for the title, styles, and content sections, which are then inserted into the layout file.

Contact Us Page View:

- Title Section: `@section('title', 'Contact Us')` sets the title of the page to "Contact Us."
- Styles Section: `@section('styles')` includes specific CSS files for this page, including Google Fonts, Normalize.css, Bootstrap, and a custom stylesheet (style_con.css).
- Content Section: `@section('content')` provides the unique content for the Contact Us page, including a centered form for users to enter their name, email, and message, along with a submit button.

3. THE ROUTING SETUP AND HOW IT SERVES THE VIEWS.

a. Route for the Home Page

- HTTP Method: GET
- URL: `/`
- Action: Returns the welcome view.
- Named Route: `welcome`
- **Purpose:** This route handles requests to the root URL of the application. When users visit the homepage (`/`), they are served the view located at `resources/views/welcome.blade.php`. This view might include introductory content or a landing page for your site.

b. Route for the Contact Us Page

- HTTP Method: GET
- URL: `/contactus`
- Action: Returns the contactus view.
- Named Route: `contact`
- **Purpose:** This route is responsible for displaying the Contact Us page. When users navigate to `/contactus`, they are served the view located at `resources/views/contactus.blade.php`. This page typically contains a contact form or other means for users to get in touch.

c. Route for the About Us Page

- HTTP Method: GET
- URL: `/about`
- Action: Returns the about view.
- Named Route: `about`
- **Purpose:** This route serves the About Us page. When users visit `/about`, they are shown the view at `resources/views/about.blade.php`. This page generally includes information about the team, company history, or other relevant details.

d. **Route for User Handling**

- HTTP Method: GET
- URL: /user/{name?}
- Action: Processes the name parameter, sanitizes it, stores it in the session, and then redirects to the welcome route.
- Parameters:
- {name?}: An optional route parameter. If provided, it is used to set a user name. If not provided, defaults to 'Guest'.

Processing:

- Sanitization: Removes any non-alphabetic characters from the name parameter.
- Default Value: If name is empty or null, defaults to 'Guest'.
- Capitalization: Converts the name to proper case (first letter uppercase, the rest lowercase).
- Session Flash: Stores the processed user name in the session as a flash message, which is temporary and typically used for displaying messages on the next request.

Redirection:

- After processing the name, the route redirects the user to the welcome route, which displays the homepage.

How Routes Serve the Views

- **Routing Mechanism:** When a request is made to a specific URL, Laravel's routing mechanism matches this URL to the appropriate route defined in routes/web.php.

View Rendering:

- For direct view routes (/ , /contactus, /about), the route returns a view using the return view('view_name') syntax. Laravel renders the corresponding Blade template and returns the HTML to the user's browser.
- For the /user/{name?} route, after processing the input, the route uses redirect()->route('welcome') to send the user to the homepage. The homepage view (welcome) is then rendered and returned.

This routing setup ensures that users can access different pages of the application based on the URL they visit, and it handles dynamic data (like the user name) through URL parameters and sessions.

4. EXPLAIN ANY CHALLENGES YOU FACED AND HOW YOU RESOLVED THEM.

I and my groupmates faced significant trouble connecting the CSS styles properly when using the `layout.blade.php` file in our Laravel application. The primary issue was ensuring that the CSS stylesheets were correctly linked and applied across all our views. But since I was assigned with the final touch, here are the things that I did to resolve these issues.

Resolution Steps:

1. Checking Href Links in `layout.blade.php`:

- ✓ I started by carefully reviewing each `href` link in my `layout.blade.php` file. I made sure that the paths to all the CSS files were correct.
- ✓ This step was crucial because any errors or typos in these paths would prevent the styles from loading correctly. By ensuring that these paths were accurate, I could be confident that the base layout had the right links to the stylesheets.

2. Verifying Href Links in Each View:

- ✓ I didn't stop at just the layout file; I also checked the `href` links in each individual view file. This ensured that any additional stylesheets or overrides specific to those views were correctly referenced.
- ✓ This thorough check helped me catch any broken links or incorrect paths that might have caused styles not to apply as expected.

3. Clearing Browser Cache:

- ✓ Sometimes, despite having the correct paths, the styles didn't update immediately. In such cases, I cleared the browser cache to make sure that the latest version of the stylesheet was loaded.
- ✓ This was an important step because browsers often cache CSS files to speed up loading times, which can lead to old versions of stylesheets being used.

4. Using Laravel's `asset` Helper Function:

- ✓ To generate URLs for my CSS files, I used Laravel's `asset` helper function in my Blade templates. For example: `<link rel="stylesheet" href="{{ asset('styles/styles_h.css') }}">`.
- ✓ This approach ensured that the paths were correctly generated based on the application's base URL, which helped avoid issues with hardcoded paths that could be incorrect or vary between environments.

5. Ensuring Correct File Locations:

- ✓ I made sure that all my CSS files were placed in the `public` directory, as Laravel serves static files from there. I verified that the file paths in the `href` attributes matched the locations of the actual files.
- ✓ This step was essential because if the files weren't in the right place, the browser wouldn't be able to find and load them.

6. Checking for CSS Conflicts:

- ✓ I also reviewed my CSS files for any potential conflicts or overriding issues. This involved looking through the styles to ensure that there were no unexpected overrides or conflicting styles that could affect how the pages were rendered.
- ✓ By resolving any CSS conflicts, I ensured that the styles applied as intended and that there were no visual inconsistencies.

EXPLORE THE DIFFERENCE BETWEEN `{{ $slot }}` AND `@yield`

`{{ $slot }}`:

Used in Components: Specifically for defining where content passed to a component should be rendered.
Content Passing: Facilitates content injection into a component, allowing for reusable and customizable HTML structures.
Example Use Case: Customizable cards, alerts, modals where the content changes based on usage.

`@yield`:

Used in Layouts: Defines sections of a layout that will be filled by child views.
Content Filling: Allows child views to insert content into predefined sections of a layout.
Example Use Case: Standard page layouts where each page provides specific content for headers, titles, and main content areas.

Both `{{ $slot }}` and `@yield` are essential tools in Blade templating, but they serve different purposes: `{{ $slot }}` is for components and `@yield` is for layouts.