

LAPORAN JOBSHEET MAGANG TSA

HandsOut 4

“ CSS Bootstrap Framework ”

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**TALENT SCOUTING ACADEMY
WEB DEVELOPER PROGRAMMING
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2022

1. Tujuan Praktikum

Dengan praktikum ini peserta diharapkan mampu menggunakan framework CSS bootstrap untuk membuat tampilan website.

2. Setup dan Overview

2.1 Buat Halaman HTML

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>CSS Framework</title>
5   <meta charset="utf-8" />
6   <meta name="viewport" content="width=device-width, initial-scale=1" />
7 </head>
8 <body>
9 </body>
10 </html>
11
```

2.2 Muat Bootstrap melalui CDN

```
7 <link
8   rel="stylesheet"
9   href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
10  integrity="sha384-TX8t27EcRE3e/1hU7zmQxvncDy5uIKz4rEkgIXeMed4M8jlfIDPvg6uqKI2xXr2"
11  crossorigin="anonymous"
12 />
```

2.3 Host Bootstrap secara local

```
13 <link rel="stylesheet" href="bootstrap/css/bootstrap.min.css">
```

2.4 Sertakan jQuery

```
16 <script
17   src="https://code.jquery.com/jquery-3.5.1.min.js"
18   integrity="sha256-9/aliU8dGd2tb6OSsuzixeV4y/faTqgFtohetphbbj0="
19   crossorigin="anonymous"
20 ></script>
21 <script src="jquery-3.5.1.min.js"></script>
```

2.5 Muat Javascript Bootstrap

```
22 <script
23   src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.min.js"
24   integrity="sha384-
25 w1Q4orYjBQndcko6MimVbzY8tGp4W841Z71n30WKz0vr/aKKhXDBNmB5D92v7s"
26   crossorigin="anonymous"
27 ></script>
28 <script src="bootstrap/js/bootstrap.min.js"></script>
29 </body>
30 </html>
```

2.6 Ketika digabungkan semuanya

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>CSS Framework</title>
5   <meta charset="utf-8" />
6   <meta name="viewport" content="width=device-width, initial-scale=1" />
7   <link
8     rel="stylesheet"
9     href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
10    integrity="sha384-TX8t27EcRE3e/1hU7zmQxvncDy5uIKz4rEkgIXeMed4M8jlfIDPvg6uqKI2xXr2"
11    crossorigin="anonymous"
12  />
13   <link rel="stylesheet" href="bootstrap/css/bootstrap.min.css" />
14 </head>
15 <body>
16   <script
17     src="https://code.jquery.com/jquery-3.5.1.min.js"
18     integrity="sha256-9/aliU8dGd2tb6OSsuzixeV4y/faTqgFtohetphbbj0="
19     crossorigin="anonymous"
20   ></script>
21   <script src="jquery-3.5.1.min.js"></script>
22   <script
23     src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.min.js"
24     integrity="sha384-
25 w1Q4orYjBQndcko6MimVbzY8tGp4W841Z71n30WKz0vr/aKKhXDBNmB5D92v7s"
26     crossorigin="anonymous"
27   ></script>
28   <script src="bootstrap/js/bootstrap.min.js"></script>
29 </body>
30 </html>
```

3. Membuat halaman website dengan Bootstrap

3.1 Tambahkan Navigasi

```

16 <nav class="navbar navbar-expand-md">
17   <a class="navbar-brand" href="#">Logo</a>
18   <button
19     class="navbar-toggler navbar-dark"
20     type="button"
21     data-toggle="collapse"
22     data-target="#main-navigation"
23   >
24     <span class="navbar-toggler-icon"></span>
25   </button>
26   <div class="collapse navbar-collapse" id="main-navigation">
27     <ul class="navbar-nav">
28       <li class="nav-item">
29         <a class="nav-link" href="#">Home</a>
30       </li>
31       <li class="nav-item">
32         <a class="nav-link" href="#">About</a>
33       </li>
34       <li class="nav-item">
35         <a class="nav-link" href="#">Contact</a>
36       </li>
37     </ul>
38   </div>
39 </nav>

```

3.2 CSS Kustom

```

1 body {
2   padding: 0;
3   margin: 0;
4   background: #f2f6e9;
5 }
6 .navbar {
7   background: #6ab446;
8 }
9 .nav-link,
10 .navbar-brand {
11   color: #fff;
12   cursor: pointer;
13 }
14 .nav-link {
15   margin-right: 1em !important;
16 }
17 .nav-link:hover {
18   color: #000;
19 }

```

Simpan, lalu tambahkan ke bagian seperti ini

```

13 <link rel="stylesheet" type="text/css" href="main.css" />

```

3.3 Membuat Content Container Page

```

41 <header class="page-header header container-fluid">
42   <div class="overlay">
43   </div>
44 </header>

```

3.4 Tambahkan gambar latar belakang dan Javascript khusus

```

95 <script src="main.js"></script>

```

Potongan kode jQuery ini untuk membuat elemen membentang di seluruh layar:

```

1 $(document).ready(function(){
2   $('.header').height($(window).height());
3 })
4

```

Kemudian di main.css kita tambahkan

```

23 .header {
24   background-image: url("images/1.jpg");
25   background-size: cover;
26   background-position: center;
27   position: relative;
28 }

```

3.5 Menambahkan Overlay

```

41 <header class="page-header header container-fluid">
42   <div class="overlay">
43   </div>
44 </header>

```

Dengan custom css sebagai berikut:

```
29 .overlay {
30   position: absolute;
31   min-height: 100%;
32   min-width: 100%;
33   left: 0;
34   top: 0;
35   background: rgba(0, 0, 0, 0.6);
36 }
```

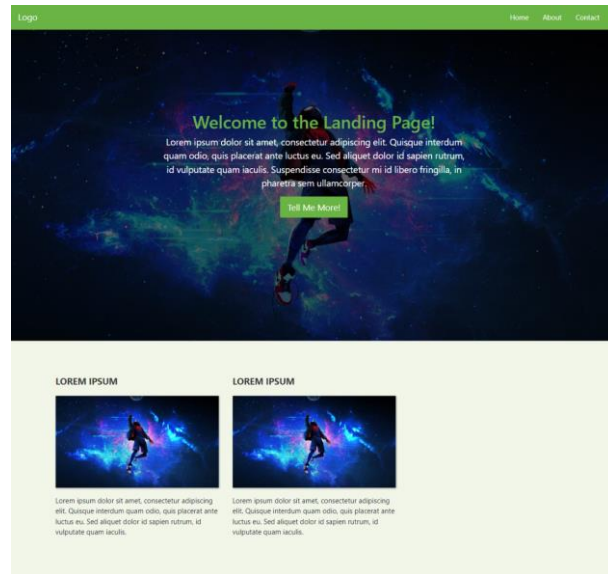
3.6 Menambahkan judul halaman dan teks isi

```
43 <div class="description">
44   <h1>Welcome to the Landing Page!</h1>
45   <p>
46     Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque
47     interdum quam odio, quis placerat ante luctus eu. Sed aliquet dolor id
48     sapien rutrum, id vulputate quam iaculis. Suspendisse consectetur mi id
49     libero fringilla, in pharetra sem ullamcorper.
50   </p>
51   <button class="btn btn-secondary btn-lg">Tell Me More!</button>
52 </div>
37 .description {
38   left: 50%;
39   position: absolute;
40   top: 45%;
41   transform: translate(-50%, -55%);
42   text-align: center;
43 }
44 .description h1 {
45   color: #6ab446;
46 }
47 .description p {
48   color: #fff;
49   font-size: 1.3rem;
50   line-height: 1.5;
51 }
52 .description button {
53   border: 1px solid #6ab446;
54   background: #6ab446;
55   border-radius: 0;
56   color: #fff;
57 }
58 .description button:hover {
59   border: 1px solid #fff;
60   background: #fff;
61   color: #000;
62 }
```

3.7 Membuat bagian 3 kolom

```
56 <div class="container features">
57   <div class="row">
58     <div class="col-lg-4 col-md-4 col-sm-12">
59       <h3 class="feature-title">Lorem ipsum</h3>
60       
61       <p>
62         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque
63         interdum quam odio, quis placerat ante luctus eu. Sed aliquet dolor
64         id sapien rutrum, id vulputate quam iaculis.
65       </p>
66     </div>
67     <div class="col-lg-4 col-md-4 col-sm-12">
68       <h3 class="feature-title">Lorem ipsum</h3>
69       
70       <p>
71         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque
72         interdum quam odio, quis placerat ante luctus eu. Sed aliquet dolor
73         id sapien rutrum, id vulputate quam iaculis.
74       </p>
75     </div>
76   </div>
77   <div class="col-lg-4 col-md-4 col-sm-12"></div>
78 </div>
79 </div>
63 .features {
64   margin: 4em auto;
65   padding: 1em;
66   position: relative;
67 }
68 .feature-title {
69   color: #333;
70   font-size: 1.3rem;
71   font-weight: 700;
72   margin-bottom: 20px;
73   text-transform: uppercase;
74 }
75 .features img {
76   -webkit-box-shadow: 1px 1px 4px rgba(0, 0, 0, 0.4);
77   -moz-box-shadow: 1px 1px 4px rgba(0, 0, 0, 0.4);
78   box-shadow: 1px 1px 4px rgba(0, 0, 0, 0.4);
79   margin-bottom: 16px;
80 }
81 .overlay {
82   position: absolute;
83   min-height: 100%;
84   min-width: 100%;
85   left: 0;
86   top: 0;
87   background: rgba(0, 0, 0, 0.6);
88 }
```

3.8 Hasil

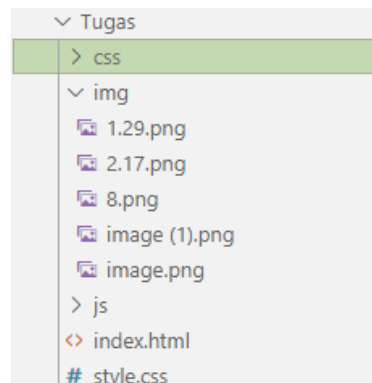


4. Tugas Praktikum Kelompok

- Buatlah sebuah halaman website dengan framework css bootstrap.
- Buat CSS custom untuk website tersebut.
- Halaman website yang dibuat bukan mengambil dari website yang ada ataupun menyalin website lain.
- Halaman website yang dibuat adalah hasil karya original dari kelompok

Jawaban !

Struktur Folder



HTML

```

1 <!doctype html>
2 <html lang="en">
3
4 <head>
5 <!-- Required meta tags -->
6 <meta charset="utf-8">
7 <meta name="viewport" content="width=device-width, initial-scale=1">
8
9 <!-- Bootstrap CSS -->
10 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"
11 integrity="sha384-EVSTQN3/azprG1An3QOg3JlI28q00JYI28QQWfSpd3y065Vohpqu40mLAsJC" crossorigin="anonymous">
12
13 <!-- My CSS -->
14 <link rel="stylesheet" href="style.css">
15
16 <title>Portfolio</title>
17 </head>
18
19 <body>
20 <!-- Navbar -->
21 <nav class="navbar navbar-expand-lg navbar-dark bg-dark shadow-sm">
22 <div class="container">
23 <a class="navbar-brand" href="#">Portfolio</a>
24 <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNavAltMarkup"
25 aria-controls="navbarNavAltMarkup" aria-expanded="false" aria-label="Toggle navigation">
26 <span class="navbar-toggler-icon"></span>
27 </button>
28 <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
29 <div class="navbar-nav">
30 <a class="nav-link active" href="#about">About</a>
31 <a class="nav-link active" href="#contact">Contact Personal</a>
32 </div>
33 </div>
34 </nav>
35
36 <!-- Akhir -->
37
38 <section class="jumbotron text-center">
39 <p>Perkenalkan Kami Mahasiswa dari Politeknik Negeri Malang</p>
40 <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 1440 320">
41 <path fill="#FFFFFF" opacity="1">
42 d="M0,288L60,256C120,224,240,160,360,133.3C480,107,600,117,720,112C840,107,960,85,1080,96C1200,107,1320,149,1380,176.7L1440,192L
43 </path>
44 </svg>
45 </section>
46
47 <!-- About -->
48 <section id="about">
49 <div class="container">
50 <div class="row text-center mb-3">
51 <div class="col">
52 <h2>About</h2>
53 </div>
54 </div>
55 <div class="row justify-content-center fs-6 text-center">
56 <div class="col mb-3">
57 style="font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;"
58 <p>Iugas magang TSA HandOut4 CSS Framework</p>
59 <p>Berikut adalah nama kelompok kami : </p>
60 <br>
61 <p>Daniel Bagus Christyanto</p>
62 <p>Fathin Naufaliya</p>
63 <p>Muhammad Dhiyaul Auliyah</p>
64 </div>
65 </div>
66
67 <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 1440 320">
68 <path fill="#d3d3d3" opacity="1">
69 d="M0,192L60,186.7C120,181,240,171,360,169C480,169,600,172,720,177C840,188,960,206,1080,224C1200,192,1320,160,1380,144L1440,128L
70 </path>
71 </svg>
72 </section>
73 <!-- Akhir -->
74
75 <!-- Contact -->
76 <section id="contact">
77 <div class="container">
78 <div class="row text-center mb-3">
79 <div class="col">
80 <h4>Contact Personal</h4>
81 </div>
82 </div>
83 </div>
84 <div class="row justify-content-center mb-5">
85 <div class="col">
86 <table class="table">
87 <thead>
88 <tr>
89 <th scope="col">Nama</th>
90 <th scope="col">Email</th>
91 <th scope="col">Alamat</th>
92 <th scope="col">No. Hp</th>
93 </tr>
94 </thead>
95 <tbody>
96 <tr>
97 <td>Daniel Bagus Christyanto</td>
98 <td>danielbagos2@gmail.com</td>
99 <td>Sidoarjo</td>
100 <td>085738183422</td>
101 </tr>
102 <tr>
103 <td>Fathin Naufaliya</td>
104 <td>fathinnaufaliya@gmail.com</td>
105 <td>Bojonegoro</td>
106 <td>08193888419</td>
107 </tr>
108 <tr>
109 <td>Muhammad Dhiyaul Auliyah</td>
110 <td>mdhiyaul@gmail.com</td>
111 <td>Kepanjen</td>
112 <td>08191041609</td>
113 </tr>
114 </tbody>
115 </table>
116 </div>
117 </div>
118 </section>
119 <!-- Akhir -->
120
121 <!-- Footer -->
122 <footer class="bg-dark text-white text-center pb-3">
123 <p>Created by <a href="#" class="text-white fu-bold">Kelompok </a></p>
124 </footer>
125 <!-- Akhir -->
126
127 <!-- Optional JavaScript; choose one of the two -->
128
129 <!-- Option 1: Bootstrap Bundle with Popper -->
130 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
131 integrity="sha384-MPC6D7414QB8L3M/qY3LfzFdn76G546698I948441000147P9e69361/20H93"
132 integrity="sha384-MPC6D7414QB8L3M/qY3LfzFdn76G546698I948441000147P9e69361/20H93"
133 crossorigin="anonymous"></script>
134
135 <!-- Option 2: Separate Popper and Bootstrap JS -->
136 <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js" integrity="sha384-IQoLsL16f1eKQC91I8z7Km3l01OC8b0E566309"
137 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js" integrity="sha384-CV109/2VtjS8jz8QW8kZb7Ku8330w0p4"
138 </script>
139 </body>
140
141 </html>

```

CSS

```
1
2 .container {
3   font-family: sans-serif;
4 }
5
6 .jumbotron {
7   padding-top: 20px;
8   font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
9   background-color: #d3d3d3;
10 }
11
12 #contact {
13   padding-top: 20px;
14 }
15
```

Hasil

