

LAPORAN PRAKTIKUM

MATA KULIAH PEMROGRAMAN BERBASIS FRAMEWORK

Laporan ini dibuat untuk memenuhi tugas Mata Kuliah Program Berbasis Framework



Dosen Pengampu :
Achmad Muzakki, S.Kom., M.Kom

Dengan Asisten Praktikum :

- A
- B

Pembuat :
Evi Fitriya 1201222005

Rekayasa Perangkat Lunak

Fakultas Informatika

Telkom University Surabaya

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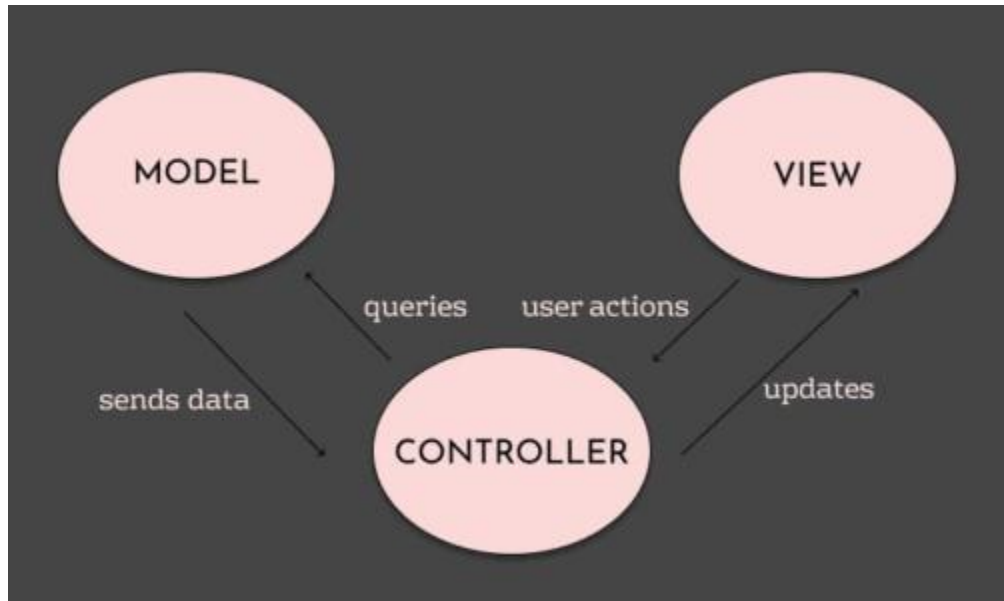
PERTEMUAN 1 MATERI FRAMEWORK

1. Pengenalan tentang Laravel
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TUGAS : Hanya mengintal Aplikasi aplikasi yang dibutuhkan, tidak perlu mengumpulkan apa-apa.

PERTEMUAN 2 Route, View, Blade Templates

1. MVC



Laravel sudah menggunakan pola arsitektur MVC yang digunakan untuk memisahkan komponen utama dalam pengembangan website sehingga dapat memudahkan dalam melakukan pengujian dan pemeliharaan kode.

2. Route

Pengertian

Route atau rute merupakan suatu proses menghubungkan URL dengan fungsi atau controller. Pada route ini juga digunakan untuk menentukan cara website dalam merespons permintaan HTTP dari pengguna. • Fungsi dan kegunaan routing

- Menetapkan URL ke dalam tindakan atau fungsi tertentu pada aplikasi
- Memberikan struktur dan organisasi pada navigasi aplikasi web.
- Mendukung penggunaan parameter untuk menangkap dan memproses data.
- Menggunakan middleware untuk memproses permintaan sebelum mencapai tindakan pengontrol.
- Menetapkan data ke dalam tindakan atau logika pengontrol (controller) yang sesuai.

Contoh penggunaan

```
1 Route::get('/greeting', function () {
2     return view('greeting');
3 });
```

Keterangan :

Mengembalikan tampilan yang bernama “greeting.blade.php” pada URL `example.com/greeting`.



```
1 Route::get('/greeting', function () {
2     return view('greeting', [
3         'greeting' => 'Hello, welcome to Laravel'
4     ]);
5 });
```

Keterangan :

Mengembalikan tampilan yang bernama “greeting.blade.php” pada URL `example.com/greeting` dengan memberikan argumen yang memiliki key “greeting” dan memiliki value “Hello, welcome to Laravel”.

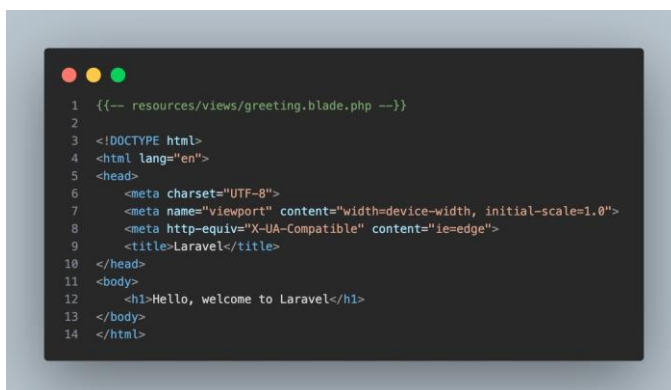
3. View

Pengertian

View merupakan komponen yang bertanggung jawab dalam menangani tampilan atau antarmuka pengguna. Sehingga pada view ini merupakan file yang berisi tampilan HTML dan kode PHP yang akan ditampilkan kepada pengguna. • Fungsi dan kegunaan view

- Memisahkan logika presentasi dari logika bisnis dalam MVC (Model-View-Controller) pattern.
- Menghasilkan HTML atau tampilan lainnya untuk ditampilkan kepada pengguna.
- Menyederhanakan proses pembuatan dan pemeliharaan antarmuka pengguna.
- Memungkinkan reusabilitas dan organisasi yang baik dari kode tampilan.

Contoh penggunaan



```
1 {{-- resources/views/greeting.blade.php --}}
2
3 <!DOCTYPE html>
4 <html lang="en">
5 <head>
6     <meta charset="UTF-8">
7     <meta name="viewport" content="width=device-width, initial-scale=1.0">
8     <meta http-equiv="X-UA-Compatible" content="ie=edge">
9     <title>Laravel</title>
10 </head>
11 <body>
12     <h1>Hello, welcome to Laravel</h1>
13 </body>
14 </html>
```

Keterangan :

Menampilkan “Hello, welcome to Laravel!”. Pada halaman ini juga digunakan untuk mengatur tampilan pengguna.

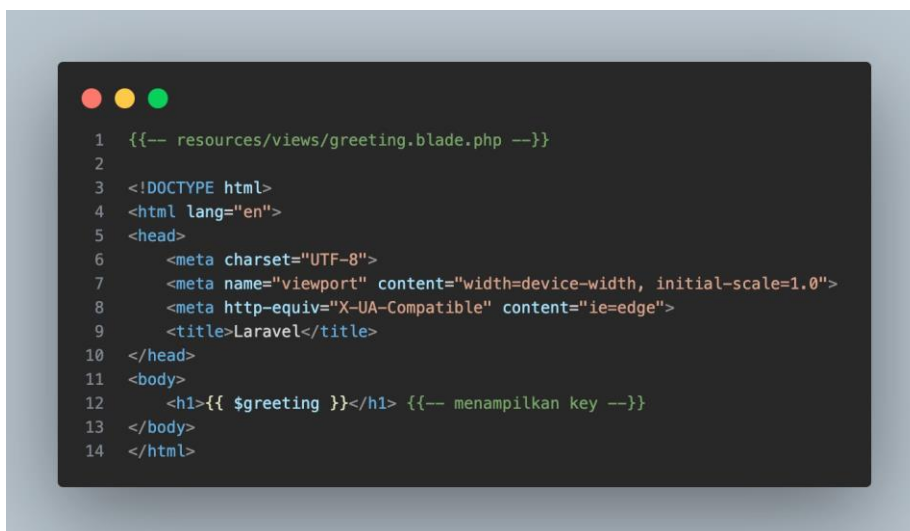
4. Blade Templates

Pengertian

Blade template merupakan fitur dari laravel untuk membuat tampilan yang dinamis dan mudah dibaca. Pada blade template juga menyediakan sintaks yang clean code untuk menulis kode PHP dalam tampilan.

- Fungsi dan kegunaan blade
- Memudahkan penulisan kode PHP dalam tampilan dengan sintaks yang bersih.
- Mendukung struktur kontrol seperti perulangan dan kondisional dengan sintaks yang jelas.
- Memungkinkan penggunaan template inheritance untuk organisasi tampilan hierarkis.

Contoh penggunaan



```
1  {{-- resources/views/greeting.blade.php --}}
2
3  <!DOCTYPE html>
4  <html lang="en">
5  <head>
6    <meta charset="UTF-8">
7    <meta name="viewport" content="width=device-width, initial-scale=1.0">
8    <meta http-equiv="X-UA-Compatible" content="ie=edge">
9    <title>Laravel</title>
10 </head>
11 <body>
12   <h1>{{ $greeting }}</h1> {{-- menampilkan key --}}
13 </body>
14 </html>
```

Keterangan :

Menampilkan value ”Hello, welcome to Laravel!” dari key “greeting” dengan menggunakan sintaks “{{ }}”.

TUGAS : Mengimplementasikan Konsep Route dan View dengan minimal 3 pemanggilan Variable dari sisi Route

HASIL

LINK TO FILE

https://telkomuniversityofficial-my.sharepoint.com/:u/g/personal/evifitriya_student_telkomuniversity_ac_id/EV6-OcYIRZtHh255Y8HEXOcBz_HXo-o0mIJ3Bw_7Nrhi6w?e=unsf4

KODE

1. HTML AS PHP

a. Navbar

```
<head>

    <meta charset="utf-8">
    <meta content="width=device-width, initial-scale=1.0"
name="viewport">

    <title>Evi PF01</title>
    <meta content="" name="description">
    <meta content="" name="keywords">

    <!-- Favicons -->
    <link href="assets/img/marvel aset.jpg" rel="icon">

    <!-- Google Fonts -->
    <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,
400,400i,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600
,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,70
0i" rel="stylesheet">

    <!-- Vendor CSS Files -->
    <link href="assets/vendor/aos/aos.css" rel="stylesheet">
    <link href="assets/vendor/bootstrap/css/bootstrap.min.css"
rel="stylesheet">
    <link href="assets/vendor/bootstrap-icons/bootstrap-
icons.css" rel="stylesheet">
    <link href="assets/vendor/boxicons/css/boxicons.min.css"
rel="stylesheet">
    <link href="assets/vendor/glightbox/css/glightbox.min.css"
rel="stylesheet">
    <link href="assets/vendor/swiper/swiper-bundle.min.css"
rel="stylesheet">

    <!-- Template Main CSS File -->
    <link href="app.css" rel="stylesheet">

    <!-- =====
* Template Name: iPortfolio
* Updated: Jan 29 2024 with Bootstrap v5.3.2
* Template URL: https://bootstrapmade.com/iportfolio-bootstrap-
portfolio-websites-template/
* Author: BootstrapMade.com
* License: https://bootstrapmade.com/license/
===== -->
</head>
```

```

<body>

  <!-- ===== Mobile nav toggle button ===== -->
  <i class="bi bi-list mobile-nav-toggle d-xl-none"></i>

  <!-- ===== Header ===== -->
  <header id="header">
    <div class="d-flex flex-column">

      <div class="profile">
        
        <h1 class="text-light"><a
href="https://github.com/conybrow">Evi Fitriya</a></h1>
        <a
href="https://pddikti.kemdikbud.go.id/data_mahasiswa/MjVFM0RCQTUt
MjBGNi00NjhFLUE2OTItN0I2MjA3OEQ3MzAz">(1201222005)</a>

        <h1 class="text-light" id="tugas"><a
href="https://telkomuniversityofficial-
my.sharepoint.com/:b:/g/personal/evifitriya_student_telkomunivers
ity_ac_id/ERMOJREKyjFGqCKTZFP66L8Bvysvvhb9zS75f2U-
mUqJeAw?e=39MUUN">Tugas Pemrograman Framework 01</a></h1>
        <div class="social-links mt-3 text-center">
        </div>
      </div>

<nav id="navbar" class="nav-menu navbar">
  <ul>
    <li><a href="{{ url('/') }}" class="nav-link scrollto
active"><i class="bx bx-home"></i> <span>All</span></a></li>
    <li><a href="{{ url('/ironMan') }}" class="nav-link
scrollto"><i class="bx bx-user"></i> <span>Father Iron
Man</span></a></li>
    <li><a href="{{ url('/Thor') }}" class="nav-link
scrollto"><i class="bx bx-file-blank"></i> <span>Second Father
Thor</span></a></li>
    <li><a href="{{ url('/ds') }}" class="nav-link
scrollto"><i class="bx bx-book-content"></i> <span>Uncle Doctor
Strange</span></a></li>
  </ul>
</nav>

```

b. Halaman Utama

```
<!DOCTYPE html>
```



```

<html lang="en">

    <!-- navbar import disini -->
    @include('navbar')
    <!-- .nav-menu -->
</div>
</header>
<!-- End Header -->

<!-- ===== Hero Section ===== -->
<section id="hero" class="d-flex flex-column justify-content-
center align-items-center" style="background: url('{{
asset('/assets/img/' . $photo) }}') top center;">
    <div class="hero-container" data-aos="fade-in">
        <h1>{{ $tokoh }}</h1>
        <p> <span class="typed" data-typed-
items="{{ $slogan }}"></span></p>
    </div>
</section>
<!-- End Hero -->
<!-- ===== Footer ===== -->
<footer id="footer">
    <div class="container">
        <div class="credits">
            <!-- All the links in the footer should remain
intact. -->

            <!-- You can delete the links only if you
purchased the pro version. -->
            <!-- Licensing information:
https://bootstrapmade.com/license/ -->
            <!-- Purchase the pro version with working
PHP/AJAX contact form: https://bootstrapmade.com/iportfolio-
bootstrap-portfolio-websites-template/ -->
            Designed by Tony's Daughter : <a
href="https://www.instagram.com/evftrya_/">Evi Fitriya</a>
        </div>
    </div>
</footer>
<!-- End Footer -->

    <a href="#" class="back-to-top d-flex align-items-center
justify-content-center"><i class="bi bi-arrow-up-short"></i></a>

    <!-- Vendor JS Files -->
    <script
src="assets/vendor/purecounter/purecounter_vanilla.js"></script>
    <script src="assets/vendor/aos/aos.js"></script>

```

```

        <script
src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
    >
        <script
src="assets/vendor/glightbox/js/glightbox.min.js"></script>
        <script src="assets/vendor/isotope-
layout/isotope.pkgd.min.js"></script>
        <script src="assets/vendor/swiper/swiper-
bundle.min.js"></script>
        <script src="assets/vendor/typed.js/typed.umd.js"></script>
        <script
src="assets/vendor/waypoints/noframework.waypoints.js"></script>
        <script src="assets/vendor/php-email-
form/validate.js"></script>

        <!-- Template Main JS File -->
        <script src="assets/js/main.js"></script>

</body>

</html>

```

c. Halaman Iron Man

```

<!DOCTYPE html>
<html lang="en">

    <!-- navbar import disini -->
    @include('navbar')
    <!-- .nav-menu -->
</div>
</header>
<!-- End Header -->

    <!-- ===== Hero Section ===== -->
    <section id="hero" class="d-flex flex-column justify-content-
center align-items-center" style="background: url('{{
asset('/assets/img/' . $photo) }}') top center;">
        <div class="hero-container" data-aos="fade-in">
            <h1>{{ $tokoh }}</h1>
            <p> <span class="typed" data-typed-
items="{{ $slogan }}"></span></p>
        </div>
    </section>
    <!-- End Hero -->
    <!-- ===== Footer ===== -->

```

```

<footer id="footer">
  <div class="container">
    <div class="credits">
      <!-- All the links in the footer should remain
intact. -->
      <!-- You can delete the links only if you
purchased the pro version. -->
      <!-- Licensing information:
https://bootstrapmade.com/license/ -->
      <!-- Purchase the pro version with working
PHP/AJAX contact form: https://bootstrapmade.com/iportfolio-
bootstrap-portfolio-websites-template/ -->
      Designed by Tony's Daughter : <a
href="https://www.instagram.com/evftrya_/">Evi Fitriya</a>
    </div>
  </div>
</footer>
<!-- End Footer -->

  <a href="#" class="back-to-top d-flex align-items-center
justify-content-center"><i class="bi bi-arrow-up-short"></i></a>

  <!-- Vendor JS Files -->
  <script
src="assets/vendor/purecounter/purecounter_vanilla.js"></script>
  <script src="assets/vendor/aos/aos.js"></script>
  <script
src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
  >
  <script
src="assets/vendor/glightbox/js/glightbox.min.js"></script>
  <script src="assets/vendor/isotope-
layout/isotope.pkgd.min.js"></script>
  <script src="assets/vendor/swiper/swiper-
bundle.min.js"></script>
  <script src="assets/vendor/typed.js/typed.umd.js"></script>
  <script
src="assets/vendor/waypoints/noframework.waypoints.js"></script>
  <script src="assets/vendor/php-email-
form/validate.js"></script>

  <!-- Template Main JS File -->
  <script src="assets/js/main.js"></script>

</body>

</html>

```

d. Halaman Thor

```
l <!DOCTYPE html>

<html lang="en">

    <!-- navbar import disini -->
    @include('navbar')
    <!-- .nav-menu -->
</div>
</header>
<!-- End Header -->

<!-- ===== Hero Section ===== -->
<section id="hero" class="d-flex flex-column justify-content-
center align-items-center" style="background: url('{{
asset('/assets/img/' . $photo) }}') top center;">
    <div class="hero-container" data-aos="fade-in">
        <h1>{{ $tokoh }}</h1>
        <p> <span class="typed" data-typed-
items="{{ $slogan }}"></span></p>
    </div>
</section>
<!-- End Hero -->
<!-- ===== Footer ===== -->
<footer id="footer">
    <div class="container">
        <div class="credits">
            <!-- All the links in the footer should remain
intact. -->

            <!-- You can delete the links only if you
purchased the pro version. -->
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https://bootstrapmade.com/license/ -->
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PHP/AJAX contact form: https://bootstrapmade.com/iportfolio-
bootstrap-portfolio-websites-template/ -->
            Designed by Tony's Daughter : <a
href="https://www.instagram.com/evftrya_">Evi Fitriya</a>
        </div>
    </div>
</footer>
<!-- End Footer -->

    <a href="#" class="back-to-top d-flex align-items-center
justify-content-center"><i class="bi bi-arrow-up-short"></i></a>
```

```

        <!-- Vendor JS Files -->
        <script
src="assets/vendor/purecounter/purecounter_vanilla.js"></script>
        <script src="assets/vendor/aos/aos.js"></script>
        <script
src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
    >
        <script
src="assets/vendor/glightbox/js/glightbox.min.js"></script>
        <script src="assets/vendor/isotope-
layout/isotope.pkgd.min.js"></script>
        <script src="assets/vendor/swiper/swiper-
bundle.min.js"></script>
        <script src="assets/vendor/typed.js/typed.umd.js"></script>
        <script
src="assets/vendor/waypoints/noframework.waypoints.js"></script>
        <script src="assets/vendor/php-email-
form/validate.js"></script>

        <!-- Template Main JS File -->
        <script src="assets/js/main.js"></script>

</body>

</html>

```

e. Halaman Doctor Strange

```

k <!DOCTYPE html>

<html lang="en">

        <!-- navbar import disini -->
        @include('navbar')
        <!-- .nav-menu -->
    </div>
</header>
<!-- End Header -->

    <!-- ===== Hero Section ===== -->
    <section id="hero" class="d-flex flex-column justify-content-
center align-items-center" style="background: url('{{
asset('/assets/img/'.$photo) }}') top center;">
        <div class="hero-container" data-aos="fade-in">
            <h1>{{ $tokoh }}</h1>
            <p> <span class="typed" data-typed-
items="{{ $slogan }}"></span></p>
        </div>

```

```

</section>
<!-- End Hero -->
<!-- ===== Footer ===== -->
<footer id="footer">
    <div class="container">
        <div class="credits">
            <!-- All the links in the footer should remain
intact. -->
            <!-- You can delete the links only if you
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bootstrap-portfolio-websites-template/ -->
            Designed by Tony's Daughter : <a
href="https://www.instagram.com/evftrya_/">Evi Fitriya</a>
        </div>
    </div>
</footer>
<!-- End Footer -->

    <a href="#" class="back-to-top d-flex align-items-center
justify-content-center"><i class="bi bi-arrow-up-short"></i></a>

    <!-- Vendor JS Files -->
    <script
src="assets/vendor/purecounter/purecounter_vanilla.js"></script>
    <script src="assets/vendor/aos/aos.js"></script>
    <script
src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
    <script
src="assets/vendor/glightbox/js/glightbox.min.js"></script>
    <script src="assets/vendor/isotope-
layout/isotope.pkgd.min.js"></script>
    <script src="assets/vendor/swiper/swiper-
bundle.min.js"></script>
    <script src="assets/vendor/typed.js/typed.umd.js"></script>
    <script
src="assets/vendor/waypoints/noframework.waypoints.js"></script>
    <script src="assets/vendor/php-email-
form/validate.js"></script>

    <!-- Template Main JS File -->
    <script src="assets/js/main.js"></script>

</body>

```

```
</html>
```

2. ROUTES

```
l <?php

use Illuminate\Support\Facades\Route;

/*
|-----
|
| Web Routes
|-----
|
| Here is where you can register web routes for your application.
These
| routes are loaded by the RouteServiceProvider within a group
which
| contains the "web" middleware group. Now create something
great!
|
*/

Route::get('/', function () {
    return view('main', ['tokoh'=>'Avenger', 'slogan'=>'We Are
Heroes', 'photo'=>"allhero.jpg"]);
});

Route::get('/ironMan', function () {
    return view('ironMan', ['tokoh'=>'IronMan', 'slogan'=>'Are you
Tony.... Stank?', 'photo'=>"ironman.jpg"]);
});

Route::get('/Thor', function () {
    return view('Thor', ['tokoh'=>'Thor', 'slogan'=>'Hey lets do
"Get Help"', 'photo'=>"thor.jpg"]);
});

Route::get('/ds', function () {
    return view('ds', ['tokoh'=>'Doctor Strange', 'slogan'=>'I Love
You In Every Universe"', 'photo'=>"doctor.jpg"]);
});
```

3. CSS

```
l /**
 * Template Name: iPortfolio
 * Updated: Jan 29 2024 with Bootstrap v5.3.2
 * Template URL: https://bootstrapmade.com/iportfolio-bootstrap-portfolio-websites-template/
 * Author: BootstrapMade.com
 * License: https://bootstrapmade.com/license/
 */

/*-----# General-----*/

body {
    font-family: "Open Sans", sans-serif;
    color: #272829;
}

a {
    color: #149ddd;
    text-decoration: none;
}

a:hover {
    color: #37b3ed;
    text-decoration: none;
}

h1,
h2,
h3,
h4,
h5,
h6 {
    font-family: "Raleway", sans-serif;
}

/*-----# Back to top button-----*/

.back-to-top {
    position: fixed;
    visibility: hidden;
    opacity: 0;
}
```



```

        right: 15px;
        bottom: 15px;
        z-index: 996;
        background: #149ddd;
        width: 40px;
        height: 40px;
        border-radius: 50px;
        transition: all 0.4s;
    }

    .back-to-top i {
        font-size: 28px;
        color: #fff;
        line-height: 0;
    }

    .back-to-top:hover {
        background: #2eafec;
        color: #fff;
    }

    .back-to-top.active {
        visibility: visible;
        opacity: 1;
    }

    /*-----
    # Header
    -----*/

    #header {
        position: fixed;
        top: 0;
        left: 0;
        bottom: 0;
        width: 300px;
        transition: all ease-in-out 0.5s;
        z-index: 9997;
        transition: all 0.5s;
        padding: 0 15px;
        background: #040b14;
        overflow-y: auto;
    }

```

NOTE : karena code css terlalu panjang, untuk lebih detil langsung lihat di github saja
 (<https://github.com/evftrya/PEMROGRAMAN-BERBASIS-FRAMEWORK/blob/main/TUGAS%201/app.css>)

SCREENSHOT

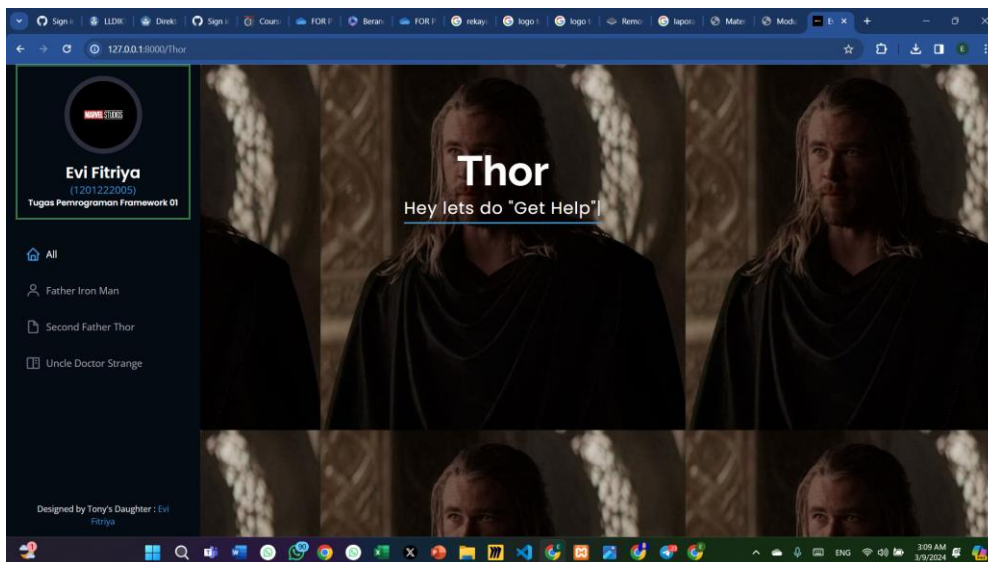
1. Halaman Utama



2. Halaman IronMan



3. Halaman Thor



4. Halaman Doctor Strange

