

Pemograman Web

2022/2023 Genap

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01

Creating static web LAYOUTING

Setup the framework for layout



Kampus
Merdeka
INDONESIA JAYA

Layout Template

Offcanvas navbar Dashboard Notifications Profile Switch account Settings ▾

Search

Dashboard Friends 27 Explore Suggestions Link Link Link Link Link



Bootstrap
Since 2011

Recent updates



@username

Some representative placeholder content, with some information about this user. Imagine this being some sort of status update, perhaps?



@username

Some more representative placeholder content, related to this other user. Another status update, perhaps.



@username

This user also gets some representative placeholder content. Maybe they did something interesting, and you really want to highlight this in the recent updates.

[All updates](#)

Suggestions



Full Name

@username

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Full Name

@username

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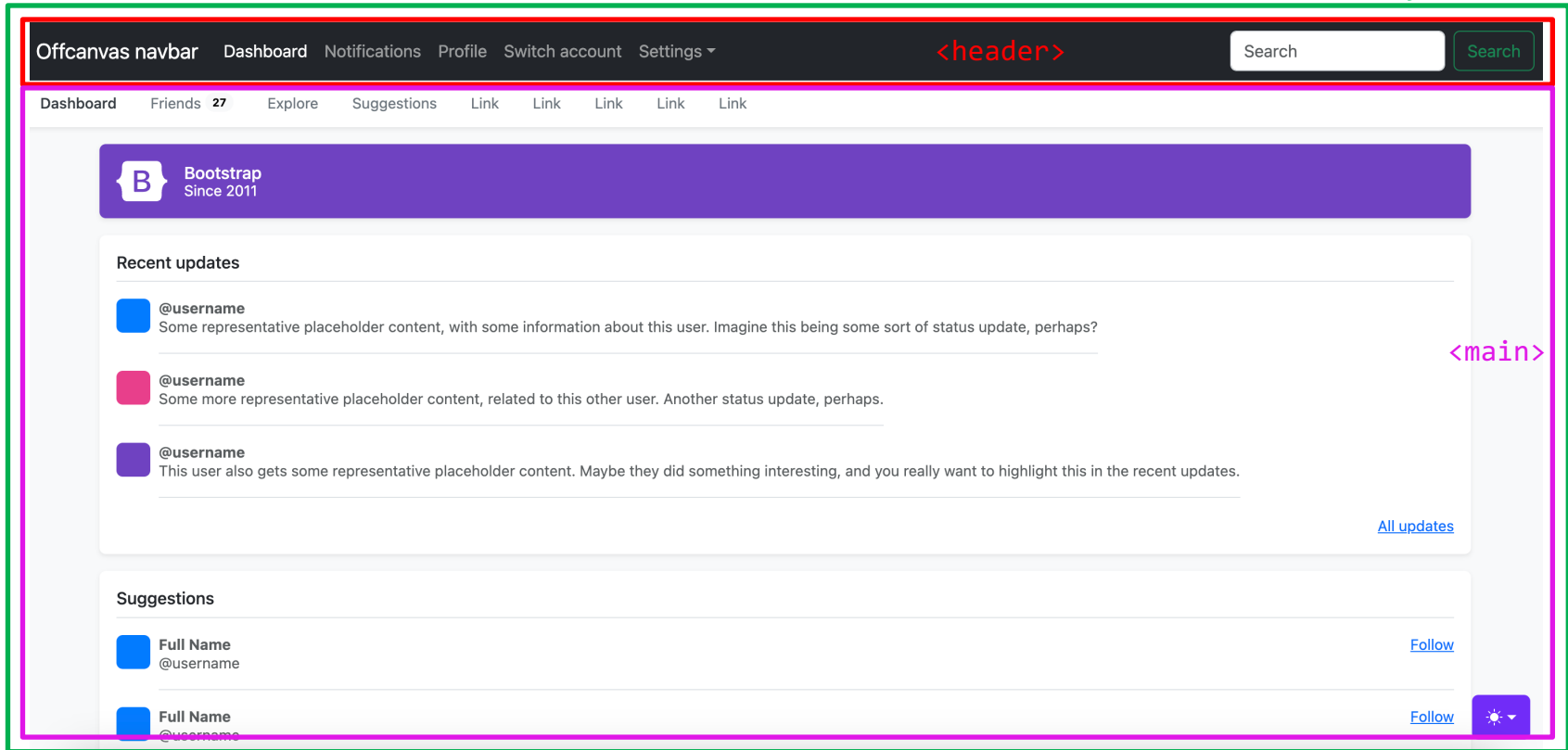
<https://getbootstrap.com/docs/5.3/examples/offcanvas-navbar/>



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Layout Template

<body>





Layout Template

✓ views

✓ modules

> dashboard

> profiles

✓ templates

✓ headers



navigation.blade.php



t_index.blade.php

→ Kumpulan file mentah untuk komponen web

→ File ui untuk navigasi

→ File structure layout template



Layout Template

t_index.blade.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>PW-IBIK</title>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js"></script>
  <style>
    html,body {overflow-x: hidden;}
    body {padding-top: 56px;}
    .bg-purple {background-color: #6f42c1;}
  </style>
</head>

<body class="bg-body-tertiary">
  <header>
    @extends('templates.headers.navigation')
  </header>

  <main class="container">
    @yield('content')
  </main>
</body>
</html>
```

penanda bahwa kita menggunakan templates.headers.navigation.blade.php sebagai layout website

menampilkan tag html yang berada di dalam @yield('content')



Layout Template

navigation.blade.php

```
<nav class="navbar navbar-expand-lg fixed-top navbar-dark bg-dark" aria-label="Main navigation">
  <div class="container-fluid">
    <a class="navbar-brand" href="#">Offcanvas navbar</a>
    <button class="navbar-toggler p-0 border-0" type="button" id="navbarSideCollapse" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="navbar-collapse offcanvas-collapse" id="navbarsExampleDefault">
      <ul class="navbar-nav me-auto mb-2 mb-lg-0"> ...
      </ul>
      <form class="d-flex" role="search">
        <input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">
        <button class="btn btn-outline-success" type="submit">Search</button>
      </form>
    </div>
  </div>
</nav>
```



Layout Template

dashboard.blade.php

```
@extends('templates.t_index')

@section('content')

<div class="d-flex align-items-center p-3 my-3 text-white bg-purple rounded shadow-sm">
  
  <div class="lh-1">
    <h1 class="h6 mb-0 text-white lh-1">Bootstrap</h1>
    <small>Since 2011</small>
  </div>
</div>

@endsection
```


02

Operations

Blade Fragment

Echo, Selection, and Repetitions



Blade Fragments

#Echo Handler

2 references | 0 implementations

```
class Dashboard extends Controller
```

```
{
```

1 reference | 0 overrides

```
public function index(){
```

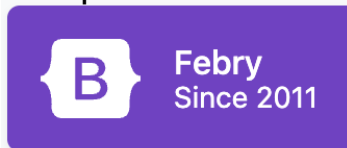
```
    return view('modules.dashboard.dashboard', ['name' => "Febry"]);
```

```
}
```

```
}
```

Controller

Output



```
@extends('templates.t_index')
```

```
@section('content')
```

```
<div class="d-flex align-items-center p-3 my-3 text-white bg-purple rounded shadow-sm">
```

```
    
```

```
    <div class="lh-1">
```

```
        <h1 class="h6 mb-0 text-white lh-1">{{ $name }}</h1>
```

```
        <small>Since 2011</small>
```

```
    </div>
```

```
</div>
```

```
@endsection
```

View



Blade Fragments

#Echo Handler

```
class Dashboard extends Controller
{
    1 reference | 0 overrides
    public function index(){
        $data = array("npm"=>3320190306,
                      "fname"=>"Febry",
                      "mname"=>"Damatraseta",
                      "lname"=>"Fairuz");
        return view('modules.dashboard.dashboard', ['data' => $data]);
    }
}
```

Controller

Output



Febry Damatraseta Fairuz
3320190306

```
<div class="lh-1">
    <h1 class="h6 mb-0 text-white lh-1">{{ $data['fname'] . ' ' . $data['mname'] . ' ' . $data['lname'] }}</h1>
    <small>{{ $data['npm'] }}</small>
</div>
```

View



Blade Fragments

#Repetition - For

Contoh multiple Array sebagai passing parameter:

```
class Dashboard extends Controller
{
    1 reference | 0 overrides
    public function index(){
        $dataLect = array("npm"=>3320190306, "fname"=>"Febry", "mname"=>"Damatraseta", "lname"=>"Fairuz", "gender"=>"M");
        $dataStd1 = array("npm"=>212310038, "fname"=>"Danilson", "mname"=>"", "lname"=>"Daka", "gender"=>"M");
        $dataStd2 = array("npm"=>212310016, "fname"=>"Katarina", "mname"=>"Andrea", "lname"=>"Laurentia", "gender"=>"F");
        $dataStd3 = array("npm"=>212310022, "fname"=>"Raynaldi", "mname"=>"Rizky", "lname"=>"Aditya", "gender"=>"M");
        $dataStudent = array($dataStd1,$dataStd2,$dataStd3);

        return view('modules.dashboard.dashboard')->with('data', array("lect"=>$dataLect, "students"=>$dataStudent));
    }
}
```



Blade Fragments

#Repetition - For

Contoh menampilkan 1 data array pada blade:

```
<div class="lh-1">
  <h1 class="h6 mb-0 text-white lh-1">{{ $data['lect']['fname'] . ' ' . $data['lect']['mname'] . ' ' . $data['lect']['lname'] }}</h1>
  <small>{{ $data['lect']['npm'] }}</small>
</div>
```

Contoh menampilkan data multiple array pada blade:

```
@foreach ($data['students'] as $index => $result)
  <tr>
    <td>{{ ($index+1) }}</td>
    <td>{{ $result['npm'] }}</td>
    <td>{{ $result['fname'] . ' ' . $result['mname'] . ' ' . $result['lname'] }}</td>
    <td>{{ $result['gender'] }}</td>
  </tr>
@endforeach
```



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Blade Fragments

#Repetition - For

Output:



Febry Damatraseta Fairuz
3320190306

Students

No	NPM	Fullname	Gender
1	212310038	Danilson Daka	M
2	212310016	Katarina Andrea Laurentia	F
3	212310022	Raynaldi Rizky Aditya	M



Blade Fragments

#Selection - IF

```
@if (count($data['students']) > 0)
    @foreach ($data['students'] as $index => $result)
        <tr>
            <td>{{ $index + 1 }}</td>
            <td>{{ $result['npm'] }}</td>
            <td>{{ $result['fname'] . ' ' . $result['mname'] . ' ' . $result['lname'] }}</td>
            <td>{{ ($result['gender'] == "M") ? "Male":"Female" }}</td>
        </tr>
    @endforeach
@else
    <tr>
        <td colspan="4">No record found</td>
    </tr>
@endif
```

View



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Blade Fragments

#Selection - If

Output:



Febry Damatraseta Fairuz
3320190306

Students

No	NPM	Fullname	Gender
1	212310038	Danilson Daka	Male
2	212310016	Katarina Andrea Laurentia	Female
3	212310022	Raynaldi Rizky Aditya	Male

Thanks