



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF INFORMATION AND  
COMMUNICATIONS TECHNOLOGY

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<https://rufdev.github.io/>

# Module 5 : Advanced Views

- Working with layouts and templates.
- Using partial views and view data.
- Implementing advanced frontend technologies (JavaScript frameworks like Vue.js or React).



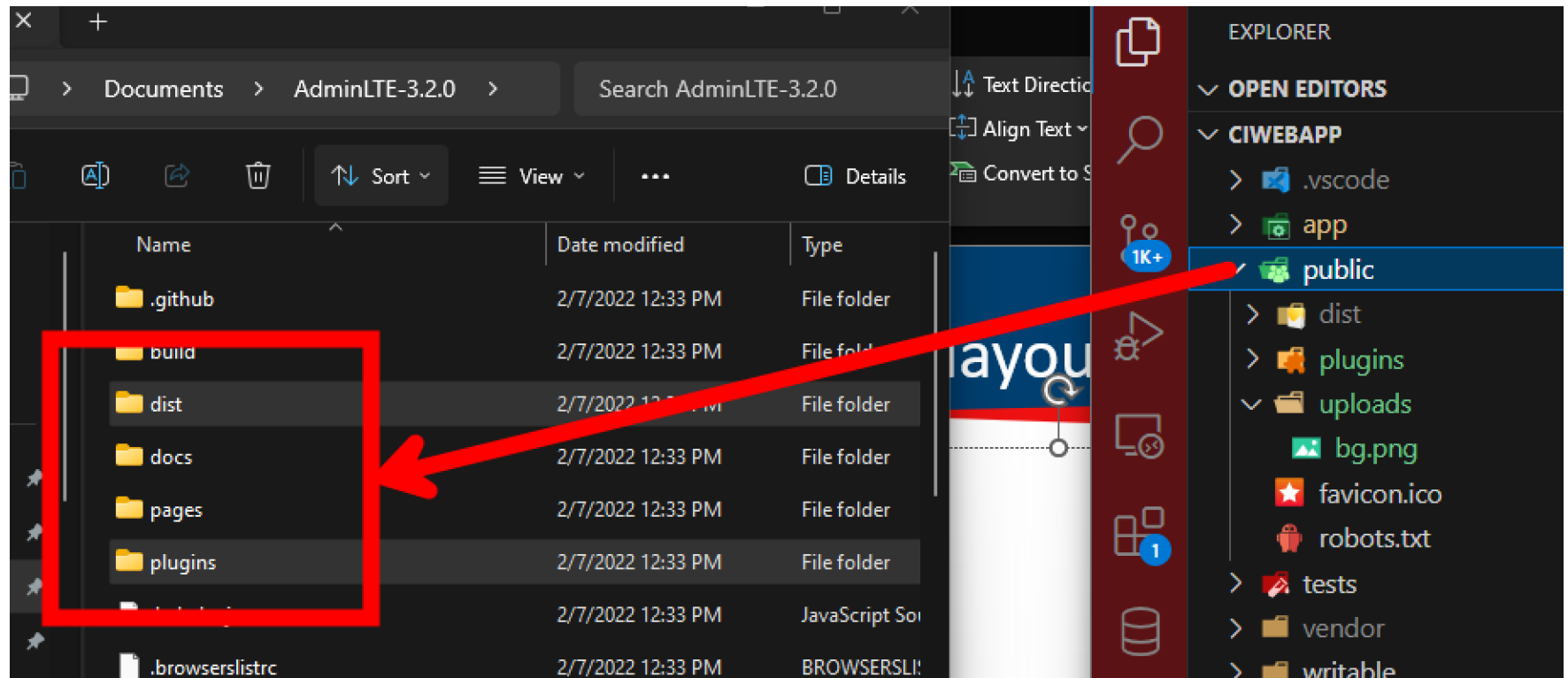
# Working with layouts and templates

- Admin LTE (Bootstrap 4)
- Data Tables
- JQuery (ajax)



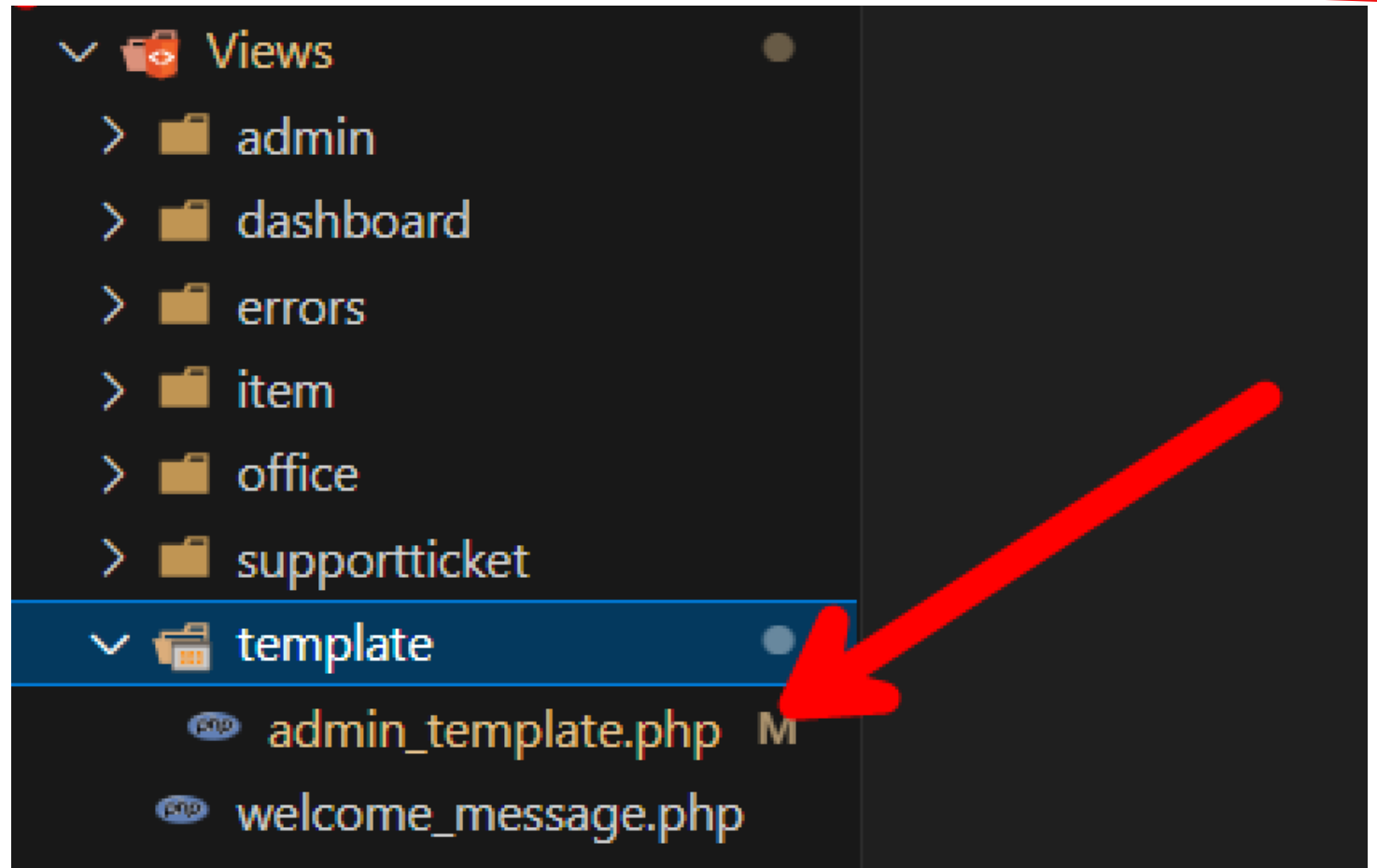
# Working with layouts and templates

- Copy Admin LTE
  - dist
  - plugins



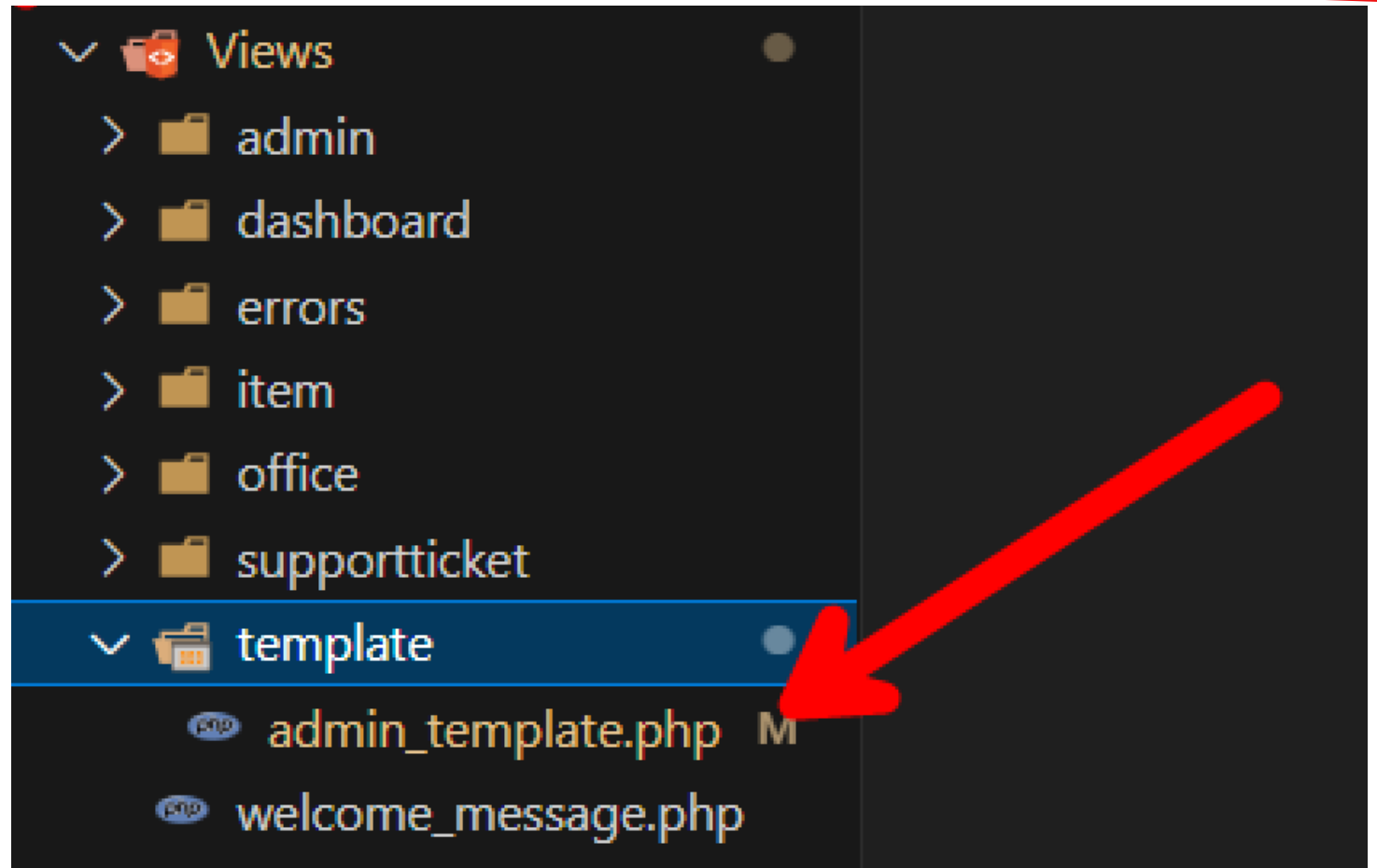
# Using partial views and view data

- Template
  - admin\_template.php



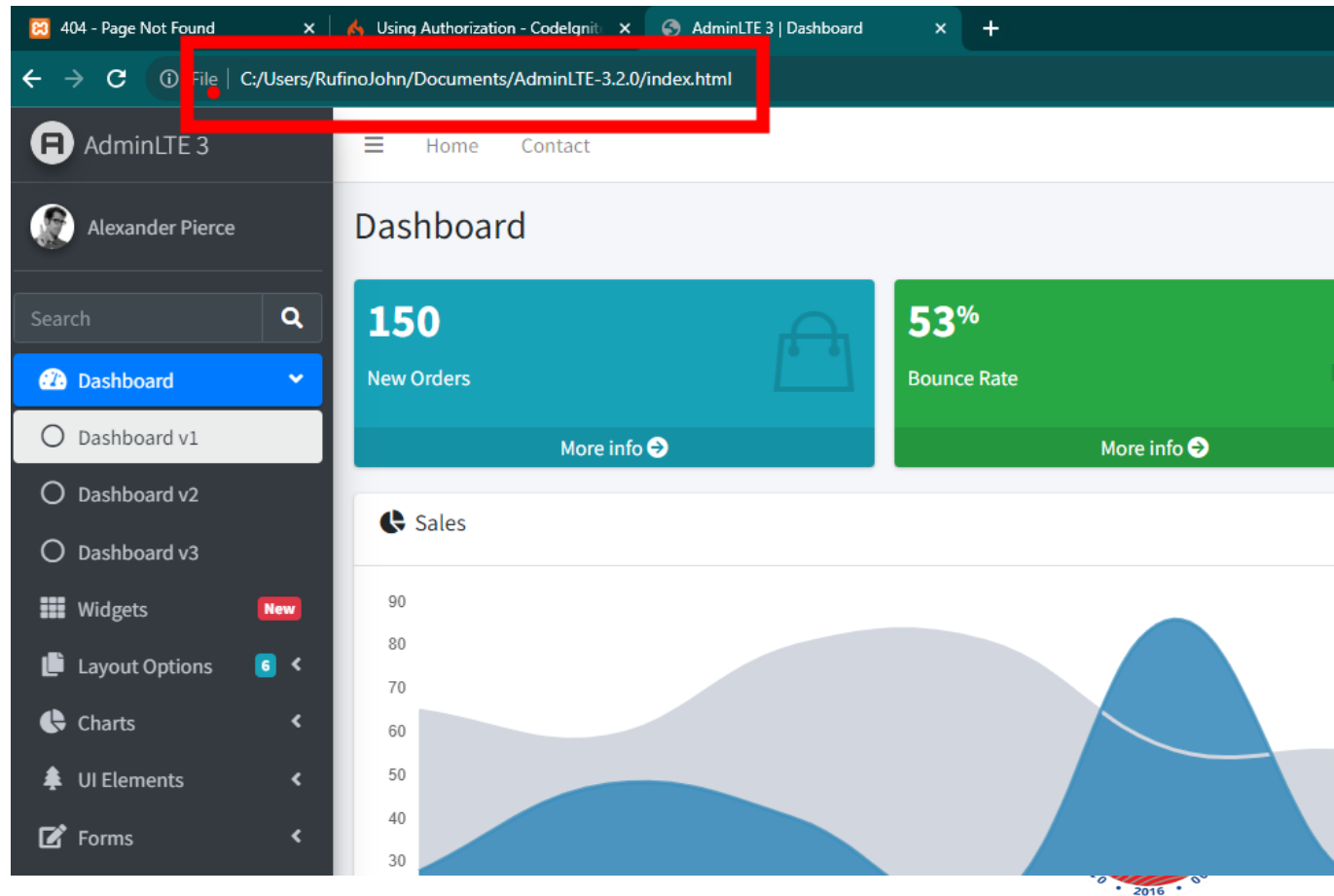
# Using partial views and view data

- Template
  - admin\_template.php



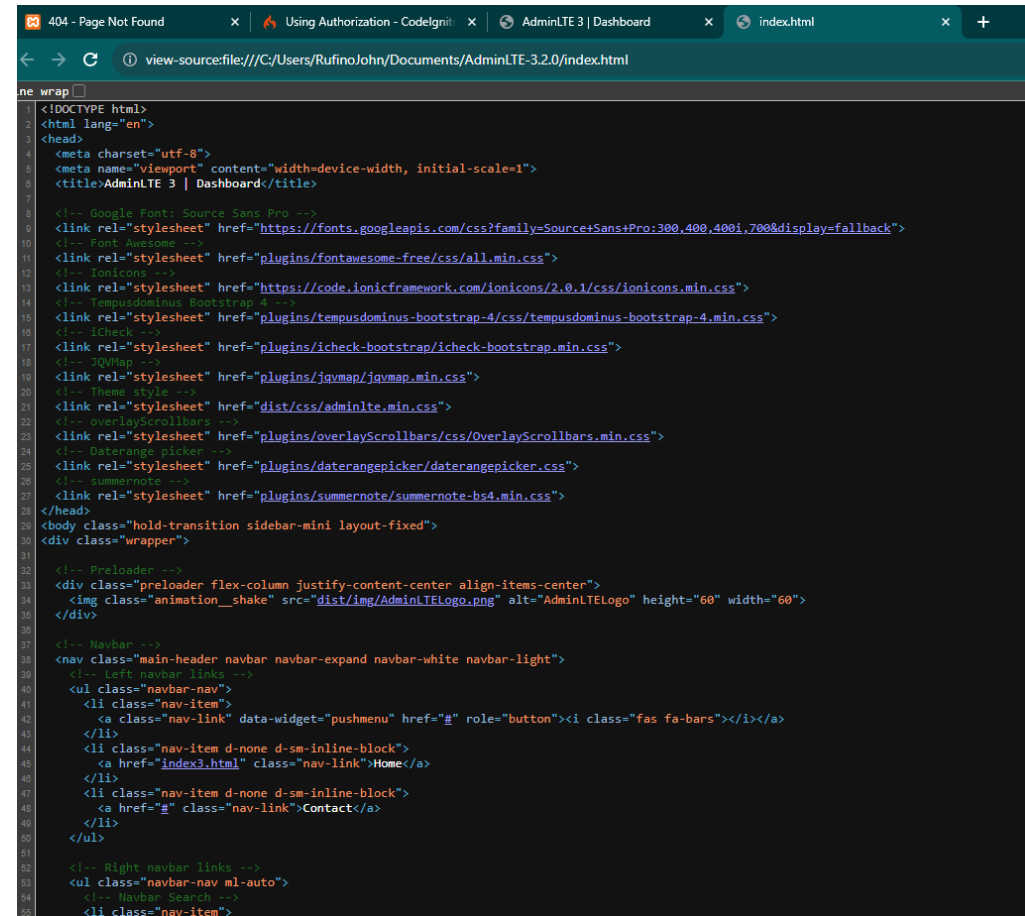
# Implementing advanced frontend technologies

- Open AdminLTE project in browser



# Implementing advanced frontend technologies

- View Source code of Admin LTE Dashboard and copy to admin\_template.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">
6   <title>AdminLTE 3 | Dashboard</title>
7
8   <!-- Google Font: Source Sans Pro -->
9   <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">
10  <!-- Font Awesome -->
11  <link rel="stylesheet" href="plugins/fontawesome-free/css/all.min.css">
12  <!-- Ionicons -->
13  <link rel="stylesheet" href="https://code.ionicframework.com/ionicons/2.0.1/css/ionicons.min.css">
14  <!-- Tempusdominus Bootstrap 4 -->
15  <link rel="stylesheet" href="plugins/tempusdominus-bootstrap-4/css/tempusdominus-bootstrap-4.min.css">
16  <!-- iCheck -->
17  <link rel="stylesheet" href="plugins/icheck-bootstrap/icheck-bootstrap.min.css">
18  <!-- JQVMap -->
19  <link rel="stylesheet" href="plugins/jqvmap/jqvmap.min.css">
20  <!-- Theme style -->
21  <link rel="stylesheet" href="dist/css/adminlte.min.css">
22  <!-- overlayScrollbars -->
23  <link rel="stylesheet" href="plugins/overlayScrollbars/css/OverlayScrollbars.min.css">
24  <!-- Daterangepicker -->
25  <link rel="stylesheet" href="plugins/daterangepicker/daterangepicker.css">
26  <!-- summernote -->
27  <link rel="stylesheet" href="plugins/summernote/summernote-bs4.min.css">
28 </head>
29 <body class="hold-transition sidebar-mini layout-fixed">
30 <div class="wrapper">
31
32   <!-- Preloader -->
33   <div class="preloader flex-column justify-content-center align-items-center">
34     
35   </div>
36
37   <!-- Navbar -->
38   <nav class="main-header navbar navbar-expand navbar-white navbar-light">
39     <!-- Left navbar links -->
40     <ul class="navbar-nav">
41       <li class="nav-item">
42         <a class="nav-link" data-widget="pushmenu" href="#" role="button"><i class="fas fa-bars"></i></a>
43       </li>
44       <li class="nav-item d-none d-sm-inline-block">
45         <a href="index3.html" class="nav-link">Home</a>
46       </li>
47       <li class="nav-item d-none d-sm-inline-block">
48         <a href="#" class="nav-link">Contact</a>
49       </li>
50     </ul>
51
52     <!-- Right navbar links -->
53     <ul class="navbar-nav ml-auto">
54       <!-- Navbar Search -->
55       <li class="nav-item">
```



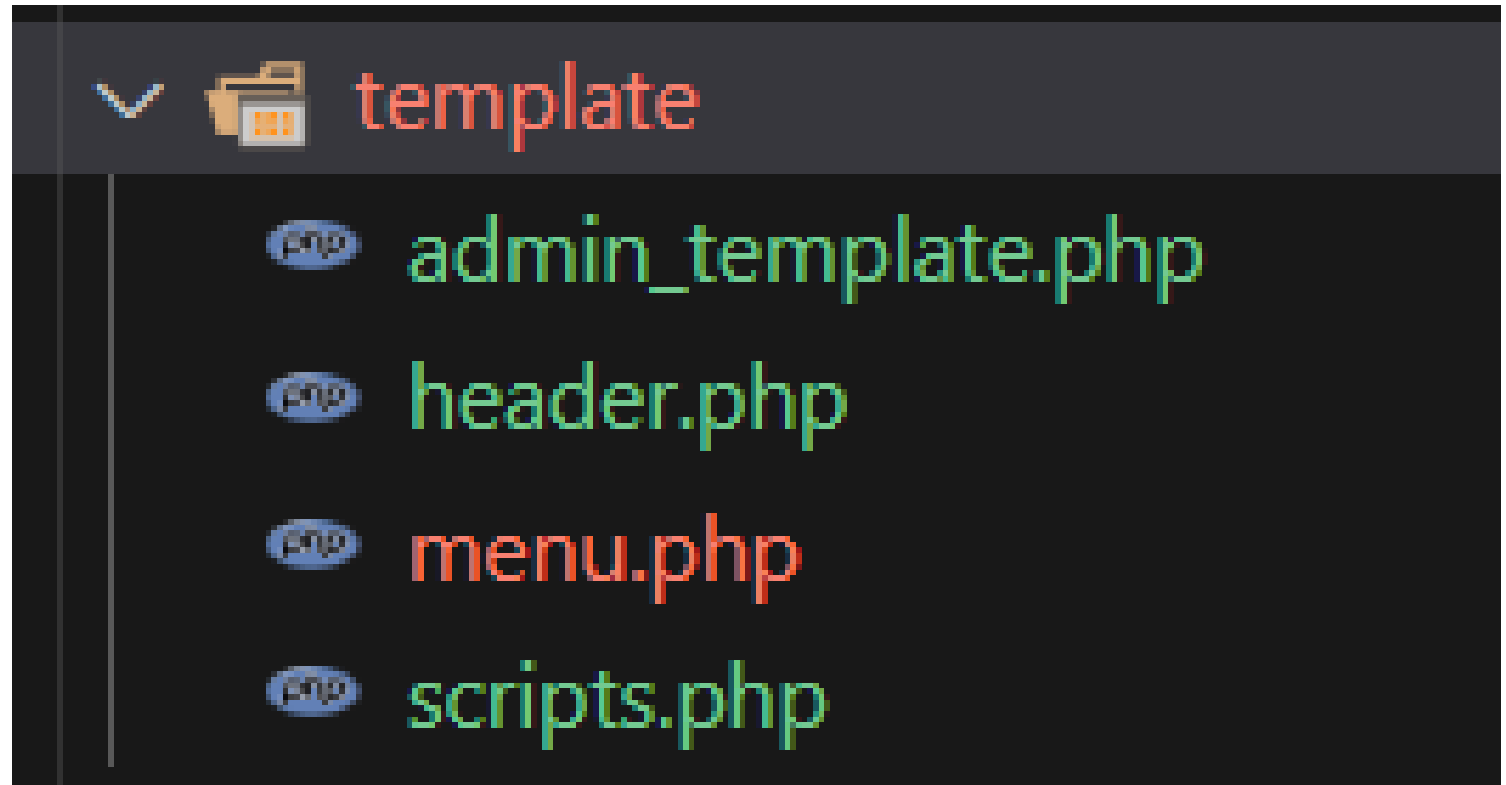
# Implementing advanced frontend technologies

- Add base\_url variable to point all UI resources (CSS and Javascript) to public directory

```
admin_template.php 3, U X
app > Views > template > admin_template.php > html > head
4 <head>
5   <meta charset="utf-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1">
7   <title>CI WEB APP</title>
8
9   <!-- Google Font: Source Sans Pro -->
10  <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=f
11  <!-- Font Awesome -->
12  <link rel="stylesheet" href="<?= base_url() ?>public/plugins/fontawesome-free/css/all.min.css">
13
14  <!-- Ionicons -->
15  <link rel="stylesheet" href="https://code.ionicframework.com/ionicons/2.0.1/css/ionicons.min.css">
16  <!-- Tempusdominus Bootstrap 4 -->
17  <link rel="stylesheet" href="<?= base_url() ?>public/plugins/tempusdominus-bootstrap-4/css/tempusdominus-bootstrap-4.min.css">
18  <!-- <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css" integrity="sha384-1k
```

# Implementing advanced frontend technologies

- Partial Views
  - header.php
  - menu.php
  - scripts.php



# Implementing advanced frontend technologies

- admin\_template.php

```
1 <?php include 'header.php' ?>
2
3 <body class="hold-transition sidebar-mini layout-fixed">
4   <div class="wrapper">
5     <?php include 'menu.php' ?>
6
7     <!-- Content Wrapper. Contains page content -->
8     <div class="content-wrapper">
9       <?= $this->renderSection('content') ?>
10    </div>
11    <!-- /.content-wrapper -->
12    <footer class="main-footer">
13      <strong>Project by: RUFINO JOHN AGUILAR</strong>
14    </footer>
15  </div>
16
17  <?php include 'scripts.php' ?>
18
19  <?= $this->renderSection('pagescripts') ?>
20 </body>
21
22 </html>
```



# Implementing advanced frontend technologies

- renderSection()

```
<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper">
    <?= $this->renderSection('content') ?>
</div>
```

```
<?php include 'scripts.php' ?>

<?= $this->renderSection('pagescripts') ?>
</body>
```

# Implementing advanced frontend technologies

- `extend('template/admin_template')`

```
<?= $this->extend('template/admin_template'); ?>
```

```
<?= $this->section('content'); ?>
```

```
✓ <div class="content-header">
```

```
✓ |   <div class="container-fluid">
```

```
✓ |   |   <div class="row mb-2">
```



# Implementing advanced frontend technologies

- Content section

```
3  <?= $this->section('content'); ?>
4  <div class="content-header">
5      <div class="container-fluid">
6          <div class="row mb-2">
7              <div class="col-sm-6">
8                  <h1 class="m-0">Dashboard</h1>
9              </div>
10         </div>
11     </div>
12 </div>
13 <section class="content">
14     <div class="container-fluid">
15
16     </div>
17 </section>
18 <?= $this->endSection(); ?>
```

# Implementing advanced frontend technologies

- Page Script Section

```
<?= $this->section('pagescripts'); ?>  
<script>  
    $(function() {  
  
    });  
</script>  
<?= $this->endSection(); ?>
```



# Implementing advanced frontend technologies

- Page Script Section

```
<?= $this->section('pagescripts'); ?>  
<script>  
    $(function() {  
  
    });  
</script>  
<?= $this->endSection(); ?>
```

