```php
<?php
##########################
## File Name: index.php ##
##########################

require_once("process/koneksi.php");
?>
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <!-- The above 3 meta tags *must* come first in the head; any other
head content must come *after* these tags -->
    <meta name="description" content="">
    <meta name="author" content="">
    <link rel="icon" href="../../favicon.ico">

    <title>AppJ - Aplikasi Penjadwalan</title>

    <!-- Bootstrap core CSS -->
    <link href="bootstrap/dist/css/bootstrap.min.css" rel="stylesheet">

    <!-- IE10 viewport hack for Surface/desktop Windows 8 bug -->
    <link href="bootstrap/assets/css/ie10-viewport-bug-workaround.css"
rel="stylesheet">

    <!-- Custom styles for this template -->
    <link href="bootstrap/dashboard.css" rel="stylesheet">

    <!-- Just for debugging purposes. Don't actually copy these 2 lines!
-->
    <!--[if lt IE 9]><script src="../../assets/js/ie8-responsive-file-
warning.js"></script><![endif]-->
    <script src="bootstrap/assets/js/ie-emulation-modes-
warning.js"></script>

    <!-- HTML5 shim and Respond.js for IE8 support of HTML5 elements and
media queries -->
    <!--[if lt IE 9]>
      <script
src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>
      <script
src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>
    <![endif]-->
  </head>

  <body>

    <?php include_once("template/navbar.php"); ?>

    <div class="container-fluid">
      <div class="row">

        <?php include_once("template/sidebar.php"); ?>

        <div class="col-sm-9 col-sm-offset-3 col-md-10 col-md-offset-2
main">

            <?php
```

```php
                if(isset($_GET['page'])) $page = $_GET['page'];
                else $page = "dashboard";

                include_once("pages/" . $page . ".php");
                ?>

        </div>
      </div>
    </div>

    <!-- Bootstrap core JavaScript
    ================================================== -->
    <!-- Placed at the end of the document so the pages load faster -->
    <script src="bootstrap/jquery-1.12.4.min.js"></script>
    <script>window.jQuery || document.write('<script
src="../../assets/js/vendor/jquery.min.js"><\/script>')</script>
    <script src="bootstrap/dist/js/bootstrap.min.js"></script>
    <!-- Just to make our placeholder images work. Don't actually copy
the next line! -->
    <script src="bootstrap/assets/js/vendor/holder.min.js"></script>
    <!-- IE10 viewport hack for Surface/desktop Windows 8 bug -->
    <script src="bootstrap/assets/js/ie10-viewport-bug-
workaround.js"></script>
  </body>
</html>
```

```php
<!------------------------
## File Name: navbar.php ##
------------------------->

<nav class="navbar navbar-inverse navbar-fixed-top">
  <div class="container-fluid">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle collapsed" data-
toggle="collapse" data-target="#navbar" aria-expanded="false" aria-
controls="navbar">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="#">AppJ | Aplikasi Penjadwalan</a>
    </div>
    <div id="navbar" class="navbar-collapse collapse">
      <ul class="nav navbar-nav navbar-right">
        <li><a href="#">Profile</a></li>
        <li><a href="#">Logout</a></li>
      </ul>
      <form class="navbar-form navbar-right">
        <input type="text" class="form-control" placeholder="Search...">
      </form>
    </div>
  </div>
</nav>
```

```php
<!------------------------
## File Name: sidebar.php ##
------------------------->

<div class="col-sm-3 col-md-2 sidebar">
  <ul class="nav nav-sidebar">
    <li class="active"><a href="#">Overview <span class="sr-only">(current)</span></a></li>
    <li><a href="index.php?page=dosen">Dosen</a></li>
    <li><a href="#">Mata Kuliah</a></li>
    <li><a href="#">Jadwal</a></li>
  </ul>
  <ul class="nav nav-sidebar">
    <li><a href="">Hari</a></li>
    <li><a href="">Sesi Kuliah</a></li>
    <li><a href="">Admin</a></li>
  </ul>
</div>
```

```php
<?php
###########################
## File Name: dosen.php ##
###########################

$sql = "SELECT * FROM users
        WHERE role = 'dosen'";
?>
<h1 class="page-header">Dosen</h1>

<a href="index.php?page=dosen-add" class="btn btn-primary">Tambah
Dosen</a>
<div class="table-responsive">
    <table class="table">
        <thead>
            <tr>
                <th>No.</th>
                <th>Kode Dosen</th>
                <th>Nama Dosen</th>
                <th>Action</th>
            </tr>
        </thead>
        <tbody>
            <?php
            $i = 1;
            foreach($db->query($sql) as $row){
            ?>
            <tr>
                <td><?php echo $i; ?></td>
                <td><?php echo $row['kode_user']; ?></td>
                <td><?php echo $row['nama_user']; ?></td>
                <td>
                    <a href="#" class="btn btn-primary btn-xs">View</a>
                    <a href="index.php?page=dosen-edit&id=<?php echo
$row['id']; ?>" class="btn btn-warning btn-xs">Edit</a>
                    <a href="process/dosen_delete_process.php?id=<?php
echo $row['id']; ?>" class="btn btn-danger btn-xs">Delete</a>
                </td>
            </tr>
            <?php
            $i++;
            }
            ?>
        </tbody>
    </table>
</div>
```

```html
<!--------------------------
## File Name: dosen-add.php ##
---------------------------->

<h1 class="page-header">Tambah Dosen</h1>
<form class="form-horizontal" action="process/dosen_add_process.php"
method="post">
    <div class="form-group">
        <label class="col-sm-2">Kode Dosen</label>
        <div class="col-sm-10">
            <input type="text" class="form-control" name="kode_dosen" />
        </div>
    </div>
    <div class="form-group">
        <label class="col-sm-2">Nama Dosen</label>
        <div class="col-sm-10">
            <input type="text" class="form-control" name="nama_dosen" />
        </div>
    </div>
    <div class="form-group">
        <label class="col-sm-2">Telepon</label>
        <div class="col-sm-10">
            <input type="text" class="form-control" name="telepon" />
        </div>
    </div>
    <div class="form-group">
        <label class="col-sm-2">Foto</label>
        <div class="col-sm-10">
            <input type="file" name="foto" />
        </div>
    </div>
    <div class="form-group">
        <label class="col-sm-2">Email</label>
        <div class="col-sm-10">
            <input type="text" class="form-control" name="email" />
        </div>
    </div>
    <div class="form-group">
        <label class="col-sm-2">Password</label>
        <div class="col-sm-10">
            <input type="text" class="form-control" name="password" />
        </div>
    </div>
    <div class="form-group">
        <label class="col-sm-2"></label>
        <div class="col-sm-10">
            <input type="submit" class="btn btn-primary" value="Simpan"
/>
        </div>
    </div>
</form>
```

```php
<?php
##############################
## File Name: dosen-edit.php ##
##############################

// GET URL DATA
$id = $_GET['id'];

$sql = "SELECT * FROM users
        WHERE id = :id";
$stmt = $db->prepare($sql);
$stmt->execute(['id' => $id]);
$row = $stmt->fetch();
?>
<h1 class="page-header">Edit Data Dosen</h1>
<form class="form-horizontal"
action="process/dosen_edit_process.php?id=<?php echo $row['id']; ?>"
method="post">
    <div class="form-group">
        <label class="col-sm-2">Kode Dosen</label>
        <div class="col-sm-10">
            <input type="text" class="form-control" name="kode_dosen"
value="<?php echo $row['kode_user']; ?>" />
        </div>
    </div>
    <div class="form-group">
        <label class="col-sm-2">Nama Dosen</label>
        <div class="col-sm-10">
            <input type="text" class="form-control" name="nama_dosen"
value="<?php echo $row['nama_user']; ?>" />
        </div>
    </div>
    <div class="form-group">
        <label class="col-sm-2">Telepon</label>
        <div class="col-sm-10">
            <input type="text" class="form-control" name="telepon"
value="<?php echo $row['telepon']; ?>" />
        </div>
    </div>
    <div class="form-group">
        <label class="col-sm-2">Foto</label>
        <div class="col-sm-10">
            <input type="file" name="foto" value="<?php echo
$row['foto']; ?>" />
        </div>
    </div>
    <div class="form-group">
        <label class="col-sm-2">Email</label>
        <div class="col-sm-10">
            <input type="text" class="form-control" name="email"
value="<?php echo $row['email']; ?>" />
        </div>
    </div>
    <div class="form-group">
        <label class="col-sm-2">Password</label>
        <div class="col-sm-10">
            <input type="password" class="form-control" name="password"
value="<?php echo $row['password']; ?>" />
        </div>
    </div>
    <div class="form-group">
```

```html
            <label class="col-sm-2"></label>
            <div class="col-sm-10">
                <input type="submit" class="btn btn-primary" value="Simpan"
/>
            </div>
        </div>
</form>
```

```php
<?php
############################
## File Name: koneksi.php ##
############################

try{
    $dsn = 'mysql:host=localhost;dbname=kampus_appjadwal';
    $db = new PDO($dsn, 'root', '');
}catch(PDOException $e){
    echo $e->getMessage();
    die();
}
```

```php
<?php
######################################
## File Name: dosen_add_process.php ##
######################################

include_once("koneksi.php");

// Form Data
$kode_dosen     = $_POST['kode_dosen'];
$nama_dosen     = $_POST['nama_dosen'];
$telepon        = $_POST['telepon'];
$foto           = $_POST['foto'];
$email          = $_POST['email'];
$password       = $_POST['password'];

$sql = "INSERT INTO users (kode_user, role, email, password, nama_user,
telepon, foto)
        VALUES (:kode user, :role, :email, :password, :nama user,
:telepon, :foto)";
$stmt = $db->prepare($sql);
$stmt->execute(['kode_user' => $kode_dosen,
                'role' => "dosen",
                'email' => $email,
                'password' => $password,
                'nama_user' => $nama_dosen,
                'telepon' => $telepon,
                'foto' => $foto]);

header('Location: ../index.php?page=dosen');
```

```php
<?php
########################################
## File Name: dosen_edit_process.php ##
########################################

include_once("koneksi.php");

// URL DATA
$id = $_GET['id'];

// Form Data
$kode_dosen     = $_POST['kode_dosen'];
$nama_dosen     = $_POST['nama_dosen'];
$telepon        = $_POST['telepon'];
$foto           = $_POST['foto'];
$email          = $_POST['email'];
$password       = $_POST['password'];

$sql = "UPDATE users
        SET kode_user = :kode_user,
            email = :email,
            password = :password,
            nama_user = :nama_user,
            telepon = :telepon,
            foto = :foto
        WHERE id = :id";
$stmt = $db->prepare($sql);
$stmt->execute(['kode_user' => $kode_dosen,
                'email' => $email,
                'password' => $password,
                'nama_user' => $nama_dosen,
                'telepon' => $telepon,
                'foto' => $foto,
                'id' => $id ]);

header('Location: ../index.php?page=dosen');
```

```php
<?php
##########################################
## File Name: dosen delete process.php ##
##########################################

include_once("koneksi.php");

// URL DATA
$id = $_GET['id'];

$sql = "DELETE FROM users
        WHERE id = :id";
$stmt = $db->prepare($sql);
$stmt->execute(['id' => $id ]);

header('Location: ../index.php?page=dosen');
```

users
- 🔑 id INT
- ◇ kode_user VARCHAR(10)
- ◇ role VARCHAR(10)
- ◇ email VARCHAR(45)
- ◇ password VARCHAR(100)
- ◇ nama_user VARCHAR(45)
- ◇ telepon VARCHAR(20)
- ◇ foto VARCHAR(255)

Indexes

jadwal
- 🔑 id INT
- 🔶 user_id INT
- 🔶 mata_kuliah_id INT
- 🔶 hari_id INT
- 🔶 sesi_kuliah_id INT

Indexes

mata_kuliah
- 🔑 id INT
- ◇ kode_mtk VARCHAR(45)
- ◇ nama_mtk VARCHAR(45)

Indexes

sesi_kuliah
- 🔑 id INT
- ◇ jam_kuliah VARCHAR(45)

Indexes

hari
- 🔑 id INT
- ◇ nama_hari VARCHAR(10)

Indexes