
Laporan Praktikum 7

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Gambaran Umum

Mempelajari pendekatan aplikasi yang menerapkan arsitektur MVC

Materi meliputi contoh dan implementasi MVC secara sederhana dengan Menggunakan PHP native

Capaian Pembelajaran

1. Mahasiswa Mampu memahami konsep MVC
2. Mahasiswa mampu menggunakan modul
3. Mahasiswa mampu menggunakan view
4. Mahasiswa mampu menggunakan Controller
5. Mahasiswa mampu membuat create, update dan delete data dengan MVC
6. Mahasiswa mampu membuat flash message

Kegiatan

1. Mahasiswa mengerjakan semua contoh yang diberikan dalam modul
2. Mahasiswa mengerjakan tugas
3. Mahasiswa membuat laporan

Evaluasi

Penilaian kehadiran mahasiswa pada saat pelaksanaan pembelajaran berdasarkan waktu yang telah ditentukan

Penilaian kemampuan mahasiswa dinilai dari tugas dan laporan yang dikumpulkan sesuai batas pengumpulan laporan yang telah dilakukan

Mahasiswa yang tidak hadir dan tidak mengerjakan tugas beserta laporan tidak akan mendapat nilai

Tidak ada pengumpulan susulan laporan bagi mahasiswa yang tidak mengumpulkan berdasarkan waktu yang telah ditentukan

Alat dan Bahan

1. Aplikasi editor
2. Web browser
3. XAMPP

Referensi

1. w3schools.com
2. youtube.com
3. petanikoding.com
4. jagokoding.com
5. medium.com

Catatan

1. Mahasiswa yang mengalami kesulitan dan error pada saat mengerjakan dianjurkan menghubungi dosen melalui WA
2. Mahasiswa tidak boleh mengcopy paste pekerjaan mahasiswa lain
3. Mahasiswa mengerjakan laporan berdasarkan template laporan yang telah disediakan

1. Memisah File

App/views/layouts/header.php

```
WebLanjut > Praktikum7-MVC-PHP-Lanjutan > app > views > layouts > header.php > html > head > link
You, 12 minutes ago | 1 author (You)
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, shrink-to-fit=no">
8
9     <!-- Bootstrap CSS -->
10    <link rel="stylesheet" href="= BASEURL ?/css/bootstrap.min.css">
11
12    <title>= $data['title']; ? - Toko = BASENAME ?&gt;&lt;/title&gt;
13 &lt;/head&gt;
14
15 &lt;body&gt;
16     &lt;div class="container"&gt;</pre
```

App/views/layouts/navbar.php

```
You, 5 minutes ago | 1 author (You)
1 <!--Awal Navbar -->
2 <nav class="navbar navbar-expand-lg navbar-light bg-light">
3     <a class="navbar-brand" href="= BASEURL; ?">Toko = BASENAME; ?&gt;&lt;/a&gt;
4     &lt;button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent"
5         aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation"&gt;
6         &lt;span class="navbar-toggler-icon"&gt;&lt;/span&gt;
7     &lt;/button&gt;
8     &lt;div class="collapse navbar-collapse" id="navbarSupportedContent"&gt;
9         &lt;ul class="navbar-nav mr-auto"&gt;
10            &lt;li class="nav-item active"&gt;
11                &lt;a class="nav-link active" href="<?= BASEURL; ?">Beranda</a>
12            </li>
13            <li class="nav-item">
14                <a class="nav-link" href="= BASEURL; ?/pelanggan/index">Pelanggan</a>
15            </li>
16            <li class="nav-item">
17                <a class="nav-link" href="= BASEURL; ?/pegawai/index">Pegawai</a>
18            </li>
19            <li class="nav-item">
20                <a class="nav-link" href="#">
21                    Transaksi
22                </a>
23            </li>
24        </ul>
25    </div>
26 </nav>
27 <!--Akhir Navbar -->
```

App/views/home/index.php

```

WebLanjut > Praktikum7-MVC-PHP-Lanjutan > app > views > home > index.php > div.card-deck > div.card
You, 15 minutes ago | 1 author (You)
1 <!-- Awal Jumbotron -->
2 <div class="jumbotron jumbotron-fluid">
3   <div class="container">
4     <h1 class="display-4">Toko <?= BASENAME ?></h1>
5     <p class="lead">Lorem ipsum dolor sit amet consectetur adipisicing elit.</p>
6   </div>
7 </div>
8 <!-- Akhir Jumbotron -->
9
10 <!-- Awal Card -->
11 <div class="card-deck">
12   <div class="card">
13     <div class="card-body">
14       <h5 class="card-title">Lorem, ipsum.</h5>
15       <p class="card-text">Lorem ipsum dolor sit amet consectetur adipisicing elit. Deserunt accusantium placeat fuga assumenda
16         tempore omnis amet exercitationem! Veritatis explicabo, voluptatibus quisquam at sunt, asperiores eveniet aperiam vero
17         possimus ea neque?</p>
18     </div>
19   </div>
20   <div class="card">
21     <div class="card-body">
22       <h5 class="card-title">Lorem, ipsum.</h5>
23       <p class="card-text">Lorem ipsum dolor sit amet consectetur adipisicing elit. Deserunt accusantium placeat fuga assumenda
24         tempore omnis amet exercitationem! Veritatis explicabo, voluptatibus quisquam at sunt, asperiores eveniet aperiam vero
25         possimus ea neque?</p>
26     </div>
27   </div>
28   <div class="card">
29     <div class="card-body">
30       <h5 class="card-title">Lorem, ipsum.</h5>
31       <p class="card-text">Lorem ipsum dolor sit amet consectetur adipisicing elit. Deserunt accusantium placeat fuga assumenda
32         tempore omnis amet exercitationem! Veritatis explicabo, voluptatibus quisquam at sunt, asperiores eveniet aperiam vero
33         possimus ea neque?</p>
34     </div>
35   </div>
36 </div><br>
37 <!-- Akhir Card -->
38

```

App/views/layouts/footer.php

```

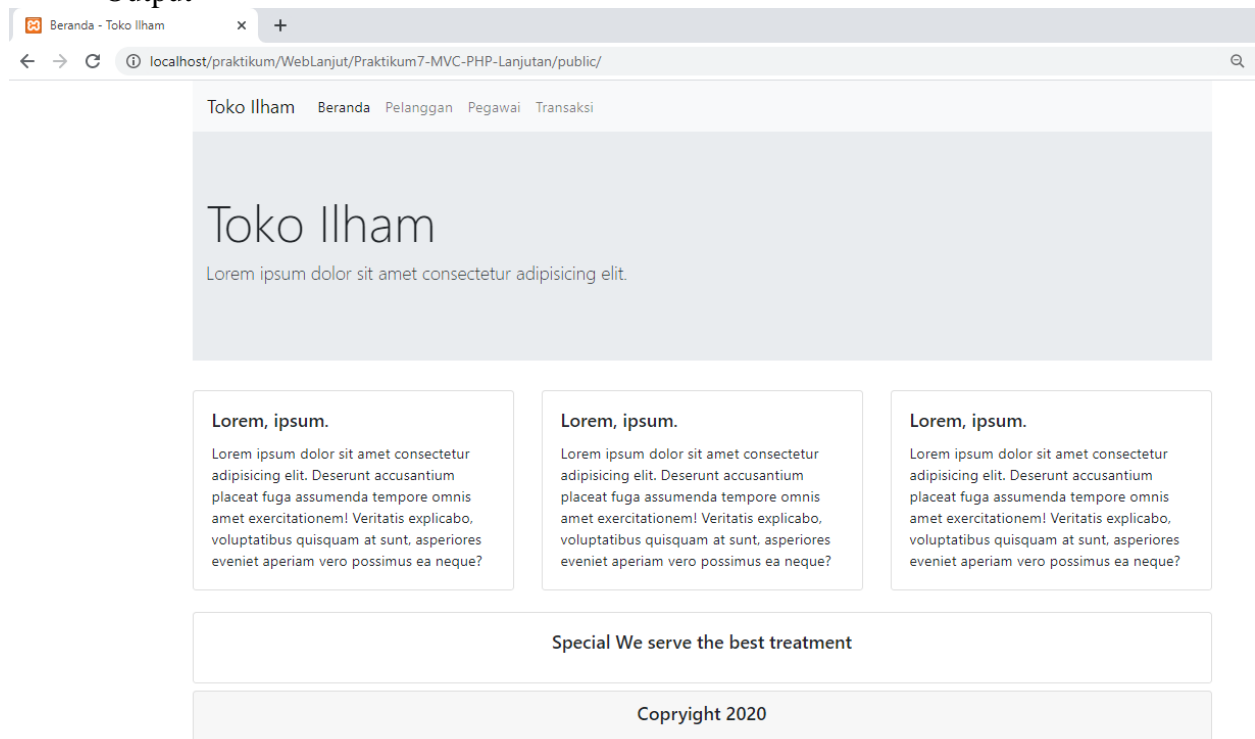
1 You, 16 minutes ago | 1 author (You)
2 <!-- Awal Footer -->
3 <div class="card text-center">
4   <div class="card-body">
5     <h5 class="card-title">Special We serve the best treatment</h5>
6   </div>
7 </div>
8 <div class="card text-center mt-2">
9   <div class="card-header">
10    <h5>Copyright 2020</h5>
11  </div>
12 </div>
13 <!-- Akhir Footer -->
14
15 <!-- Optional JavaScript -->
16 <!-- jQuery first, then Popper.js, then Bootstrap JS -->
17 <script src="<?= BASEURL; ?>/js/jquery.js"></script>
18 <script src="<?= BASEURL; ?>/js/popper.js"></script>
19 <script src="<?= BASEURL; ?>/js/bootstrap.js"></script>
20 </body>
21
22 </html> You, 2 hours ago • mencopy file

```

App/controllers/home.php

```
WebLanjut > Praktikum7-MVC-PHP-Lanjutan > app > controllers > home.php > ...
You, 2 hours ago | 1 author (You)
1 <?php
    You, 2 hours ago | 1 author (You)
2 class Home extends Controller{
3     public function index(){
4         //memberikan data titile pada header
5         $data['title'] = "Beranda";
6         //mengambil tampilan Header
7         $this->view('layouts/header', $data);
8         //mengambil tampilan Navbar
9         $this->view('layouts/navbar');
10        //mengambil tampilan Content Beranda
11        $this->view('home/index');
12        //mengambil tampilan Footer
13        $this->view('layouts/footer');
14    }
15 }
16
17 ?>
```

Output



2. Constant

App/config/config.php

```
You, 18 minutes ago | 1 author (You)
1 <?php
2 //url base
3 define('BASEURL', 'http://localhost/praktikum/WebLanjut/Praktikum7-MVC-PHP-Lanjutan/public');
4 define('BASENAME', 'Ilham');
5
6
7 //setting database
8 define('DB_HOST', 'localhost');
9 define('DB_USER', 'root');
10 define('DB_PASS', '');
11 define('DB_NAME', 'weblanjut_20201019');
12
```

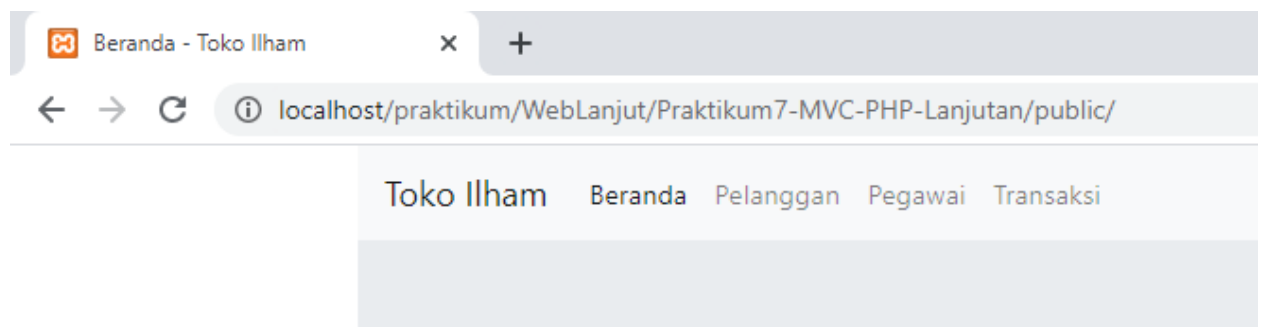
App/init.php

```
You, 2 hours ago | 1 author (You)
1 <?php //Dua file dibawah ini adalah file pembentuk MVC
2 //Dua file dibawah ini adalah file pembentuk MVC
3 require_once 'core/App.php';
4 require_once 'core/Controller.php';
5
6 require_once 'core/Database.php';
7
8 require_once 'config/config.php';
9
10 require_once 'core/Flasher.php';
11 ?>
```

App/views/layouts/navbar.php

```
1 <!--Awal Navbar -->
2 <nav class="navbar navbar-expand-lg navbar-light bg-light">
3   <a class="navbar-brand" href="<? = BASEURL; ?>">Toko <? = BASENAME; ?></a>
4   <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent"
5     aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
6     <span class="navbar-toggler-icon"></span>
7   </button>
```

Output



App/core/Database.php

```
WebLanjut > Praktikum7-MVC-PHP-Lanjutan > app > core > Database.php > PHP Intelephense > Database > __construct
You, 2 hours ago | 1 author (You)
1 <?php
2 class Database{
3     //property untuk mengakses database
4     private $host = DB_HOST;
5     private $username = DB_USER;
6     private $pass = DB_PASS;
7     private $db = DB_NAME;
8     public $connect;
9
10    //method untuk koneksi database
11    public function __construct(){
12        $this->connect = new mysqli($this->host, $this->username, $this->pass, $this->db);
13        if( !$this->connect){
14            echo "Connection failed " . mysqli_connect_error();
15        }else{
16            //echo "Koneksi sukses";
17        }
18    }
19 }
20 ?>
```

App/controllers/pelanggan.php

```
You, 20 minutes ago | 1 author (You)
1 <?php
2 class Pelanggan extends Controller
3 {
4     public function index()
5     {
6         //memberikan data title pada header
7         $data['title'] = "Pelanggan";
8         //mengambil data nama toko
9         // $data['nama'] = $this->model('pelanggan_model')->getNamaToko();
10        //mengambil data dari pelanggan model, dengan method db_pelanggan
11        $data['pelanggan'] = $this->model('pelanggan_model')->db_pelanggan();
12
13        //mengambil tampilan
14        $this->view('layouts/header', $data);
15        $this->view('layouts/navbar');
16        $this->view('pelanggan/index', $data);
17        $this->view('layouts/footer');
18    }
19 }
```

App/views/pelanggan/index.php

```
WebLanjut > Praktikum7-MVC-PHP-Lanjutan > app > views > pelanggan > index.php > div.card > div.card-body > table.table > tbody > tr > td
You, 20 minutes ago | 1 author (You)
1 <!-- awal content -->
2 <div class='card'>
3   <h5 class='card-header'>Data Pelanggan Toko <?= BASENAME; ?></h5>
4   <div class='card-body'>
5     <?php
6       Flasher::Flash();
7       Flasher::setFlash('Berhasil', 'ditambahkan', 'success');
8     <?>
9     <table class='table'>
10      <thead>
11        <tr>
12          <th scope='col'>No.</th>
13          <th scope='col'>Nama</th>
14          <th scope='col'>Alamat</th>
15          <th scope='col'>Telepon</th>
16          <th scope='col'>Aksi</th>
17        </tr>
18      </thead>
19      <tbody>
20        <?php
21          $i = 1;
22          if (isset($data['pelanggan'])) {
23            foreach ($data['pelanggan'] as $data) :
24              <?>
25                <tr>
26                  <th scope='row'><?= $i++; ?></th>
27                  <td><?= $data['nama']; ?></td>
28                  <td><?= $data['alamat']; ?></td>
29                  <td><?= $data['telepon']; ?></td>
30                  <td>
31                    <a class="btn btn-primary btn-sm" href="<?= BASEURL; ?>/pelanggan/detail/<?= $data['id_pelanggan']; ?>" role='button'>
32                      Detail
33                    </a>
34                    <a class="btn btn-danger btn-sm" href="<?= BASEURL; ?>/pelanggan/delete/<?= $data['id_pelanggan']; ?>" role="button">
35                      Hapus
36                    </a>
37                  </td>
38                </tr>
39              <?php endforeach;
40            <?>
41          </tbody>
42        </table>
```

App/models/pelanggan_model.php

```

WebLanjut > Praktikum7-MVC-PHP-Lanjutan > app > models > pelanggan_model.php > PHP
You, 21 minutes ago | 1 author (You)
1 <?php
  You, 21 minutes ago | 1 author (You)
2 class pelanggan_model
3 {
4     private $table = 'pelanggan';
5     private $db;
6     public function __construct()
7     {
8         $this->db = new Database;
9     }
10
11     //method untuk query database
12     public function db_pelanggan()
13     {
14         $data = "SELECT * FROM pelanggan";
15         $result = $this->db->connect->query($data);
16         while ($i = mysqli_fetch_array($result)) {
17             $datapelanggan[] = $i;
18         }
19         if (isset($datapelanggan)) {
20             return $datapelanggan;
21         }
22     }
23     //method untuk query byID
24     public function pelangganById($id)
25     {
26         $data = "SELECT * FROM ".$this->table." WHERE id_pelanggan = '$id'";
27         $result = $this->db->connect->query($data);
28         while ($i = mysqli_fetch_array($result)) {
29             $datapelanggan[] = $i;
30         }
31         return $datapelanggan;
32     }

```

Output

Toko Ilham Beranda Pelanggan Pegawai Transaksi

Data Pelanggan Toko Ilham

Berhasil ditambahkan

No.	Nama	Alamat	Telepon	Aksi
1	Ilham Wahiduddin	JL. Bendungan	08133512345	Detail Hapus

Tambah Pelanggan

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App/views/layout/navbar.php


```

11 </li>
12 <li class="nav-item">
13   <a class="nav-link" href="= BASEURL; ?/pelanggan/index">Pelanggan</a>
14 </li>

```

3. Mengganti title

App/controllers/home.php

```

You, 2 hours ago | 1 author (You)
1 <?php
  You, 2 hours ago | 1 author (You)
2 class Home extends Controller{
3   public function index(){
4     //memberikan data titile pada header
5     $data['title'] = "Beranda";
6     //mengambil tampilan Header
7     $this->view('layouts/header', $data);
8     //mengambil tampilan Navbar
9     $this->view('layouts/navbar');
10    //mengambil tampilan Content Beranda
11    $this->view('home/index');
12    //mengambil tampilan Footer
13    $this->view('layouts/footer');
14  }
15 }
16
17 ?>

```

App/controllers/pelanggan.php

```

<?php
You, 23 minutes ago | 1 author (You)
class Pelanggan extends Controller
{
  public function index()
  {
    //memberikan data title pada header
    $data['title'] = "Pelanggan";
    //mengambil data nama toko
    // $data['nama'] = $this->model('pelanggan_model')->getNamaToko();
    //mengambil data dari pelanggan model, dengan method db_pelanggan
    $data['pelanggan'] = $this->model('pelanggan_model')->db_pelanggan();

    //mengambil tampilan
    $this->view('layouts/header', $data);
    $this->view('layouts/navbar');
    $this->view('pelanggan/index', $data);
    $this->view('layouts/footer');
  }
}

```

App/views/layouts/header.php

```

1 You, 24 minutes ago | 1 author (You)
2 <!doctype html>
3 <html lang="en">
4
5 <head>
6     <!-- Required meta tags -->
7     <meta charset="utf-8">
8     <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
9
10    <!-- Bootstrap CSS -->
11    <link rel="stylesheet" href="<?= BASEURL ?>/css/bootstrap.min.css">
12
13    <title><?= $data['title']; ?> - Toko <?= BASENAME ?></title>
14
15 </head>
16
17 <body>
18     <div class="container">

```

Output

Toko Ilham Beranda Pelanggan Pegawai Transaksi

Data Pelanggan Toko Ilham

Berhasil diubah

No.	Nama	Alamat	Telepon	Aksi
1	Ilham Wahiduddin	JL. Bendungan	08133512345	Detail Hapus

[Tambah Pelanggan](#)

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4. Detail data

App/views/pelanggan/detail.php

```

1 You, 25 minutes ago | 1 author (You)
2 <!-- Awal Content -->
3 <div class="card">
4   <h5 class="card-header">Detail Data Pelanggan Toko <? = BASENAME; ?></h5>
5   <div class="card-body">
6     <form action="<? = BASEURL; ?>/pelanggan/update" method="POST">
7       <?php
8         $i=1;
9         foreach($data['pelanggan'] as $data) :
10           <?
11             <div class="form-group row">
12               <label for="id" class="col-sm-3 col-form-label">ID Pelanggan</label>
13               <div class="col-sm-9">
14                 <input type="text" readonly class="form-control-plaintext" name="id_pelanggan" value="<? = $data['id_pelanggan']; ?>">
15               </div>
16             </div>
17             <div class="form-group row">
18               <label for="nama" class="col-sm-3 col-form-label">Nama</label>
19               <div class="col-sm-9">
20                 <input type="text" class="form-control" name="nama" value="<? = $data['nama']; ?>">
21               </div>
22             </div>
23             <div class="form-group row">
24               <label for="alamat" class="col-sm-3 col-form-label">Alamat</label>
25               <div class="col-sm-4">
26                 <input type="text" class="form-control" name="alamat" value="<? = $data['alamat']; ?>">
27               </div>
28               <label for="desa" class="col-sm-2 col-form-label">Desa</label>
29               <div class="col-sm-3">
30                 <input type="text" class="form-control" name="desa" value="<? = $data['desa']; ?>">
31               </div>
32             </div>
33             <div class="form-group row">
34               <label for="kecamatan" class="col-sm-3 col-form-label">Kecamatan</label>
35               <div class="col-sm-4">
36                 <input type="text" class="form-control" name="kecamatan" value="<? = $data['kecamatan']; ?>">
37               </div>
38               <label for="kota" class="col-sm-2 col-form-label">Kota</label>
39               <div class="col-sm-3">
40                 <input type="text" class="form-control" name="kota" value="<? = $data['kota']; ?>">
41               </div>
42             </div>
43             <div class="form-group row">
44               <label for="telepon" class="col-sm-3 col-form-label">Telepon</label>
45               <div class="col-sm-9">
46                 <input type="text" class="form-control" name="telepon" value="<? = $data['telepon']; ?>">
47               </div>
48             </div>
49             <?php endforeach; ?>
50             <button type="submit" class="btn btn-primary">Simpan</button>
51           </form>
52         </div>
53       </div>

```

App/model/pelanggan_model.php

```

22   }
23   //method untuk query byID
24   public function pelangganById($id)
25   {
26     $data = "SELECT * FROM ".$this->table." WHERE id_pelanggan = '$id'";
27     $result = $this->db->connect->query($data);
28     while ($i = mysqli_fetch_array($result)) {
29       $datapelanggan[] = $i;
30     }
31     return $datapelanggan;
32   }

```

Output

Toko Ilham Beranda Pelanggan Pegawai Transaksi

Detail Data Pelanggan Toko Ilham

ID Pelanggan PL001

Nama Ilham Wahiduddin

Alamat JL. Bendungan

Desa

Jabon

Kecamatan Banyakan

Kota

KEDIRI

Telepon 08133512345

Simpan

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5. Insert data

App/views/pelanggan/index.php

```

50 <!-- awal modal tambah -->
51 <div class="modal fade" id="exampleModal" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel">
52 <div class="modal-dialog" role="document">
53 <div class="modal-content">
54 <div class="modal-header">
55 <h5 class="modal-title" id="exampleModalLabel">Tambah Pelanggan</h5>
56 <button type="button" class="close" data-dismiss="modal" aria-label="Close">
57 <span aria-hidden="true">&times</span></button>
58 </div>
59 <div class="modal-body">
60 <form action="{<?= BASEURL; ?>/pelanggan/input" method="POST">
61 <div class="form-row">
62 <div class="col">
63 <label for="formGroupExampleInput">ID</label>
64 <input type="text" class="form-control" id="id_pelanggan" name="id_pelanggan" placeholder="ID Pelanggan">
65 </div>
66 <div class="form-row">
67 <div class="col">
68 <label for="formGroupExampleInput">Nama</label>
69 <input type="text" class="form-control" id="nama" name="nama" placeholder="Nama">
70 </div>
71 <div class="col">
72 <label for="formGroupExampleInput2">Telepon</label>
73 <input type="text" class="form-control" id="telepon" name="telepon" placeholder="Telepon">
74 </div>
75 </div>
76 <div class="form-row">
77 <label for="formGroupExampleInput2">Alamat</label>
78 <input type="text" class="form-control" id="alamat" name="alamat" placeholder="Alamat">
79 </div>
80 <div class="form-row">
81 <div class="col">
82 <label for="desa">Desa</label>
83 <input type="text" class="form-control" id="desa" name="desa" placeholder="Desa">
84 </div>
85 <div class="col">
86 <label for="kecamatan">Kecamatan</label>
87 <input type="text" class="form-control" id="kecamatan" name="kecamatan" placeholder="Kecamatan">
88 </div>
89 <div class="col">
90 <label for="kota">Kota</label>
91 <input type="text" class="form-control" id="kota" name="kota" placeholder="Kota">
92 </div>
93 </div>

```

```

94         <div class="modal-footer">
95             <button type="button" class="btn btn-secondary" data-dismiss="modal">Batal</button>
96             <button type="submit" class="btn btn-primary">Simpan</button>
97         </form>
98     </div>
99 </div>
100 </div>
101 </div>
102 </div>
103 <!-- Akhir modal tambah -->

```

App/Controllers/Pelanggan.php

```

31     public function input()
32     {
33         $id_pelanggan = $_POST['id_pelanggan'];
34         $nama = $_POST['nama'];
35         $alamat = $_POST['alamat'];
36         $desa = $_POST['desa'];
37         $kecamatan = $_POST['kecamatan'];
38         $kota = $_POST['kota'];
39         $telepon = $_POST['telepon'];
40         $this->model('pelanggan_model')->tambahpelanggan($id_pelanggan, $nama, $alamat, $desa, $kecamatan, $kota, $telepon);
41
42         header('Location:'.BASEURL.'/pelanggan');
43     }

```

App/Models/Pelanggan_model.php

```

32     //method untuk query tambah data
33     public function tambahpelanggan($id_pelanggan, $nama, $alamat, $desa, $kecamatan, $kota, $telepon)
34     {
35         $simpan = "INSERT INTO ".$this->table." VALUES ('$id_pelanggan', '$nama', '$alamat', '$desa', '$kecamatan', '$kota', '$telepon',')";
36         $result = $this->db->connect->query($simpan);
37         if ($result == true) {
38             //Flasher jika berhasil
39             Flasher::setFlash('Berhasil', 'ditambahkan', 'success');
40         } else {
41             //Flasher jika gagal
42             Flasher::setFlash('gagal', 'ditambahkan karena '.$this->db->connect->error, 'danger');
43             //echo "insert failed";
44             echo "Error: ".$simpan."<br>".$this->connect->error;
45         }
46     }
47

```

Output

Tambah Pelanggan ×

ID

ID Pelanggan

Nama Telepon

Nama Telepon

Alamat

Alamat

Desa Kecamatan Kota

Desa Kecamatan Kota

Batal Simpan

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6. Flash Message

App/core/Flasher.php

```

1 You, 2 hours ago | 1 author (You)
  <?php
2     You, 2 hours ago | 1 author (You)
3     class Flasher{
4         public static function setFlash($pesan, $aksi, $tipe){
5             $SESSION['flash'] = [
6                 'pesan' => $pesan,
7                 'aksi' => $aksi,
8                 'tipe' => $tipe
9             ];
10        }
11        public static function flash(){
12            if(isset($SESSION['flash'])){
13                echo '<div class="alert alert-' . $SESSION['flash']['tipe'] . ' alert-dismissible fade show" role="alert">
14                    <strong>' . $SESSION['flash']['pesan'] . '</strong> ' . $SESSION['flash']['aksi'] . '
15                    <button type="button" class="close" data-dismiss="alert" aria-label="Close">
16                        <span aria-hidden="true">&times</span>
17                    </button>
18                </div>';
19                unset($SESSION['flash']);
20            }
21        }
22    }
  >

```

App/init.php

```

WebLanjut > Praktikum7-MVC-PHP-Lanjutan > app > init.php
1 You, 2 hours ago | 1 author (You)
  <?php
2     You, 2 hours ago * mencopy file
3     //Dua file dibawah ini adalah file pembentuk MVC
4     require_once 'core/App.php';
5     require_once 'core/Controller.php';
6
7     require_once 'core/Database.php';
8
9     require_once 'config/config.php';
10
11    require_once 'core/Flasher.php';
  >

```

Public/index

```

WebLanjut > Praktikum7-MVC-PHP-Lanjutan > public > index.php > ...
1 You, 2 hours ago | 1 author (You)
  <?php
2     You, 2 hours ago * mencopy file
3     //file .htaccess adalah file yang di gunakan untuk memodifi
4     if(!session_id()){
5         session_start();
6     }
7
8     require_once '../app/init.php';
9
10    $app = new App(); //memanggil class app
11
12    >

```

App/views/pelanggan/index.php

```
4 <div class='card-body'>
5 <?php
6     Flasher::flash();
7     Flasher::setFlash('Berhasil', 'ditambahkan', 'success');
8 <?>
9 <table class='table'>
10 <thead>
11 <tr>
```

Output

Data Pelanggan Toko Ilham

Berhasil diubah

No.	Nama	Alamat	Telepon	Aksi
1	Ilham Wahiduddin	JL. Bendungan	08133512345	Detail Hapus

Tambah Pelanggan

7. Delete data

App/views/pelanggan/index.php

```
31 <a class="btn btn-primary btn-sm" href="<?= BASEURL; ?>/pelanggan/detail/<?= $data['id_pelanggan']; ?>"
32 role="button">
33     Detail
34 </a>
35 <a class="btn btn-danger btn-sm" href="<?= BASEURL; ?>/pelanggan/delete/<?= $data['id_pelanggan']; ?>"
36 role="button">
37     Hapus
38 </a>
```

Output

Data Pelanggan Toko Ilham

Berhasil diubah

No.	Nama	Alamat	Telepon	Aksi
1	Ilham Wahiduddin	JL. Bendungan	08133512345	Detail Hapus

Tambah Pelanggan

App.controllers/pelanggan.php


```

53     public function update()
54     {
55         $id_pelanggan = $_POST['id_pelanggan'];
56         $nama = $_POST['nama'];
57         $alamat = $_POST['alamat'];
58         $desa = $_POST['desa'];
59         $kecamatan = $_POST['kecamatan'];
60         $kota = $_POST['kota'];
61         $telepon = $_POST['telepon'];
62         //mengirim data kedalam model
63         $this->model('pelanggan_model')->updatepelanggan($id_pelanggan, $nama, $alamat, $desa, $kecamatan, $kota, $telepon);
64         //redirect setelah berhasil simpan data
65         header('Location: ' .BASEURL.'/pelanggan');
66     }
67 }
68

```

App/models/pelanggan_model.php

```

48     public function hapuspelanggan($id_pelanggan)
49     {
50         $hapus = "DELETE FROM ".$this->table." WHERE id_pelanggan = '$id_pelanggan'";
51         $result = $this->db->connect->query($hapus);
52         if ($result == true) {
53             //Flasher jika berhasil
54             Flasher::setFlash('Berhasil', 'hapus data', 'success');
55             //echo "delete success";
56         } else {
57             //Flasher jika gagal
58             Flasher::setFlash('Gagal', 'dihapus karena '.$this->db->connect->error, 'danger');
59             echo "Error: ".$hapus."<br>".$this->db->connect->error;
60         }
61     }
62     //method untuk query update data
63     public function updatepelanggan($id_pelanggan, $nama, $alamat, $desa, $kecamatan, $kota, $telepon)
64     {
65         $simpan = "UPDATE ".$this->table." SET nama = '$nama', alamat = '$alamat', desa = '$desa',
66             kecamatan = '$kecamatan', kota = '$kota', telepon = '$telepon'
67             WHERE id_pelanggan = '$id_pelanggan'";
68         $result = $this->db->connect->query($simpan);
69         if ($result == true) {
70             //Flasher jika berhasil
71             Flasher::setFlash('Berhasil', 'diubah', 'success');
72         } else {
73             //Flasher jika gagal
74             Flasher::setFlash('gagal', 'diubah karena '.$this->db->connect->error, 'danger');
75             //echo "insert failed";
76             echo "Error: ".$simpan."<br>".$this->connect->error;
77         }
78     }
79 }

```

App/views/pelanggan/detail.php

```

1 <!-- Awal Content -->
2 <div class="card">
3   <h5 class="card-header">Detail Data Pelanggan Toko <%= BASENAME; ?></h5>
4   <div class="card-body">
5     <form action="<%= BASEURL; ?>/pelanggan/update" method="POST">
6       <?php
7         $i=1;
8         foreach($data['pelanggan'] as $data) :
9           ?>
10          <div class="form-group row">
11            <label for="id" class="col-sm-3 col-form-label">ID Pelanggan</label>
12            <div class="col-sm-9">
13              <input type="text" readonly class="form-control-plaintext" name="id_pelanggan" value="<%= $data['id_pelanggan']; ?>">
14            </div>
15          </div>
16          <div class="form-group row">
17            <label for="nama" class="col-sm-3 col-form-label">Nama</label>
18            <div class="col-sm-9">
19              <input type="text" class="form-control" name="nama" value="<%= $data['nama']; ?>">
20            </div>
21          </div>
22          <div class="form-group row">
23            <label for="alamat" class="col-sm-3 col-form-label">Alamat</label>
24            <div class="col-sm-4">

```

Output

Toko Ilham Beranda Pelanggan Pegawai Transaksi

Data Pelanggan Toko Ilham

Berhasil diubah

No.	Nama	Alamat	Telepon	Aksi
1	Ilham Wahiduddin	JL. Bendungan	08133512345	Detail Hapus

Tambah Pelanggan

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8. Pegawai

App/controllers/pegawai.php

```

You, 43 minutes ago | 1 author (You)
1 <?php
  You, 43 minutes ago | 1 author (You)
2 class Pegawai extends Controller
3 {
4     public function index()
5     {
6         //memberikan data title pada header
7         $data['title'] = "Pegawai";
8         //mengambil data nama toko
9
10        //mengambil data dari pelanggan model, dengan method db_pelanggan
11        $data['pegawai'] = $this->model('pegawai_model')->db_pegawai();
12
13        //mengambil tampilan
14        $this->view('layouts/header', $data);
15        $this->view('layouts/navbar');
16        $this->view('pegawai/index', $data);
17        $this->view('layouts/footer');
18    }
19

```

App/models/pegawai_model.php

```

You, 37 minutes ago | 1 author (You)
1 <?php
  You, 37 minutes ago | 1 author (You)
2 class pegawai_model
3 {
4     private $table = 'pegawai';
5     private $db;
6     public function __construct()
7     {
8         $this->db = new Database;
9     }
10
11    //method untuk query database
12    public function db_pegawai()
13    {
14        $data = "SELECT * FROM pegawai";
15        $result = $this->db->connect->query($data);
16        while ($i = mysqli_fetch_array($result)) {
17            $datapegawai[] = $i;
18        }
19        if (isset($datapegawai)) {
20            return $datapegawai;
21        }
22    }
23    //method untuk query byID

```

App/views/pegawai/index.php

```

1 <!-- awal content -->
2 <div class='card'>
3   <h5 class='card-header'>Data Pegawai Toko <?= BASENAME; ?></h5>
4   <div class='card-body'>
5     <?php
6       Flasher::flash();
7       Flasher::setFlash('Berhasil', 'ditambahkan', 'success');
8     ?>
9     <table class='table'>
10      <thead>
11        <tr>
12          <th scope='col'>No.</th>
13          <th scope='col'>Nama</th>
14          <th scope='col'>Telepon</th>
15          <th scope='col'>Jabatan</th>
16          <th scope='col'>Aksi</th> <!-- penambahan Aksi -->
17        </tr>
18      </thead>
19      <tbody>
20        <?php
21          $i = 1;
22          if (isset($data['pegawai'])) {
23            foreach ($data['pegawai'] as $data) :
24              ?>
25              <tr>
26                <th scope='row'><?= $i++; ?></th>
27                <td><?= $data['nama_pegawai']; ?></td>
28                <td><?= $data['telepon']; ?></td>
29                <td><?= $data['jabatan']; ?></td>
30                <td>
31                  <a class="btn btn-primary btn-sm"
32                    href="<?= BASEURL; ?>/pegawai/detail/<?= $data['id_pegawai']; ?>" role='button'>
33                    Detail<!-- penambahan button -->
34                  </a>
35                  <a class="btn btn-danger btn-sm"
36                    href="<?= BASEURL; ?>/pegawai/delete/<?= $data['id_pegawai']; ?>" role="button">
37                    Hapus
38                  </a>
39                </td>
40              </tr>
41            <?php endforeach;
42          }
43          ?>
44        </tbody>
45      </table>
46      <button type="button" class="btn btn-primary" data-toggle="modal" data-target="#exampleModal">
47        Tambah Pegawai
48      </button>
49    </div>
50  </div>
51 <!-- Akhir Content -->

```

Output

Data Pegawai Toko Ilham				
Berhasil ditambahkan				
No.	Nama	Telepon	Jabatan	Aksi
1	Jumanto	08576666666	Kasir	Detail Hapus
Tambah Pegawai				
Special We serve the best treatment				
Copyright 2020				

9. CRUD untuk data pegawai

Modal untuk TAMBAH Pegawai

App/models/pegawai_model.php

```

33 //method untuk query tambah data
34 public function tambahpegawai($id_pegawai, $nama_pegawai, $telepon, $kode_wilayah, $jabatan)
35 {
36     $simpan = "INSERT INTO ".$this->table." VALUES ('$id_pegawai', '$nama_pegawai', '$telepon', '$kode_wilayah', '$jabatan','','')";
37     $result = $this->db->connect->query($simpan);
38     if ($result == true) {
39         //Flasher jika berhasil
40         Flasher::setFlash('Berhasil', 'ditambahkan', 'success');
41     } else {
42         //Flasher jika gagal
43         Flasher::setFlash('gagal', 'ditambahkan karena '.$this->db->connect->error, 'danger');
44         //echo "insert failed";
45         echo "Error: ".$simpan."<br>".$this->connect->error;
46     }
47 }

```

App/controllers/pegawai.php

```

53 public function input()
54 {
55     $id_pegawai = $_POST['id_pegawai'];
56     $nama_pegawai = $_POST['nama_pegawai'];
57     $telepon = $_POST['telepon'];
58     $jabatan = $_POST['jabatan'];
59     $kode_wilayah = $_POST['kode_wilayah'];
60     //mengirim data kedalam model
61     $this->model('pegawai_model')->tambahpegawai($id_pegawai, $nama_pegawai, $telepon, $kode_wilayah, $jabatan);
62     //redirect setelah berhasil simpan data
63     header('Location:' .BASEURL.'/pegawai');
64 }
65 }
66

```

App/views/pegawai/index.php

```

53 <!-- awal modal tambah -->
54 <div class="modal fade" id="exampleModal" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel">
55   <div class="modal-dialog" role="document">
56     <div class="modal-content">
57       <div class="modal-header">
58         <h5 class="modal-title" id="exampleModalLabel">Tambah Pegawai</h5>
59         <button type="button" class="close" data-dismiss="modal" aria-label="Close">
60           <span aria-hidden="true">&times</span>
61         </button>
62       </div>
63       <div class="modal-body">
64         <form action="<? = BASEURL; ?>/pegawai/input" method="POST">
65           <div class="form-row">
66             <label for="formGroupExampleInput">ID</label>
67             <input type="text" class="form-control" id="id_pegawai" name="id_pegawai" placeholder="ID Pegawai">
68           </div>
69           <div class="form-row">
70             <label for="formGroupExampleInput">Nama</label>
71             <input type="text" class="form-control" id="nama_pegawai" name="nama_pegawai" placeholder="Nama Pegawai">
72           </div>
73           <div class="form-row">
74             <label for="formGroupExampleInput">Telepon</label>
75             <input type="text" class="form-control" id="nama_pegawai" name="telepon" placeholder="Telepon">
76           </div>
77           <div class="form-row">
78             <div class="col">
79               <label for="formGroupExampleInput">Wilayah</label>
80               <input type="text" class="form-control" id="kode_wilayah" name="kode_wilayah" placeholder="Kode Wilayah">
81             </div>
82             <div class="col">
83               <label for="formGroupExampleInput2">Jabatan</label>
84               <input type="text" class="form-control" id="jabatan" name="jabatan" placeholder="Jabatan">
85             </div>
86           </div>
87         </div>
88         <div class="modal-footer">
89           <button type="button" class="btn btn-secondary" data-dismiss="modal">Batal</button>
90           <button type="submit" class="btn btn-primary">Simpan</button>
91         </div>
92       </div>
93     </div>
94   </div>
95 </div>

```

Output

Tambah Pegawai [X]

ID
ID Pegawai

Nama
Nama Pegawai

Telepon
Telepon

Wilayah
Kode Wilayah

Jabatan
Jabatan

Batal Simpan

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DETAIL

App/models/pegawai_model.php

```

23 //method untuk query byID
24 public function pegawaiById($id)
25 {
26     $data = "SELECT * FROM ".$this->table." WHERE id_pegawai = '$id'";
27     $result = $this->db->connect->query($data);
28     while ($i = mysqli_fetch_array($result)) {
29         $datapegawai[] = $i;
30     }
31     return $datapegawai;
32 }

```

App/view/pegawai/index.php

```

26 <th scope='row'><? $i++; ?></th>
27 <td><? $data['nama_pegawai']; ?></td>
28 <td><? $data['telepon']; ?></td>
29 <td><? $data['jabatan']; ?></td>
30 <td>
31     <a class="btn btn-primary btn-sm"
32     href="<?= BASEURL; ?>/pegawai/detail/<? $data['id_pegawai']; ?>" role="button">
33         Detail<!-- penambahan button -->
34     </a>
35     <a class="btn btn-danger btn-sm"
36     href="<?= BASEURL; ?>/pegawai/delete/<? $data['id_pegawai']; ?>" role="button">
37         Hapus
38     </a>
39 </td>
40 </tr>

```

App/controllers/pegawai.php

```
19
20 public function detail($id)
21 {
22     //memberikan data title pada pegawai
23     $data['title'] = "Detail Pegawai"; // You, 2 hours ago * mencopy file
24     //mengambil data dari pegawai model, dengan method pegawaiByID
25     $data['pegawai'] = $this->model('pegawai_model')->pegawaiById($id);
26     //mengambil tampilan
27     $this->view('layouts/header', $data);
28     $this->view('layouts/navbar');
29     $this->view('pegawai/detail', $data);
30     $this->view('layouts/footer');
31 }
32
33 public function update()
34 {
35     $id_pegawai = $_POST['id_pegawai'];
36     $nama_pegawai = $_POST['nama_pegawai'];
37     $telepon = $_POST['telepon'];
38     $jabatan = $_POST['jabatan'];
39     $kode_wilayah = $_POST['kode_wilayah'];
40     //mengirim data kedalam model
41     $this->model('pegawai_model')->updatepegawai($id_pegawai, $nama_pegawai, $telepon, $kode_wilayah, $jabatan);
42     //redirect setelah berhasil simpan data
43     header('Location:' . BASEURL . '/pegawai');
44 }
```

App/views/pegawai/detail.php

```
1 <div class="card-header">Detail Data Pegawai</div>
2 <div class="card-body">
3     <form action="= BASEURL; ?/pegawai/update" method="POST">
4         <?php // You, 2 hours ago * mencopy file
5         $i = 1;
6         foreach ($data['pegawai'] as $data) :
7             ?>
8                 <div class="form-group row">
9                     <label for="id" class="col-sm-3 col-form-label">ID Pegawai</label>
10                    <div class="col-sm-9">
11                        <input type="text" readonly class="form-control-plaintext" name="id_pegawai" value="= $data['id_pegawai']; ?&gt;"&gt;
12                    &lt;/div&gt;
13                &lt;/div&gt;
14                &lt;div class="form-group row"&gt;
15                    &lt;label for="nama_pegawai" class="col-sm-3 col-form-label"&gt;Nama Pegawai&lt;/label&gt;
16                    &lt;div class="col-sm-9"&gt;
17                        &lt;input type="text" class="form-control" name="nama_pegawai" value="<?= $data['nama_pegawai']; ?&gt;"&gt;
18                    &lt;/div&gt;
19                &lt;/div&gt;
20                &lt;div class="form-group row"&gt;
21                    &lt;label for="telepon" class="col-sm-3 col-form-label"&gt;Telepon&lt;/label&gt;
22                    &lt;div class="col-sm-9"&gt;
23                        &lt;input type="text" class="form-control" name="telepon" value="<?= $data['telepon']; ?&gt;"&gt;
24                    &lt;/div&gt;
25                &lt;/div&gt;
26                &lt;div class="form-group row"&gt;
27                    &lt;label for="jabatan" class="col-sm-3 col-form-label"&gt;Jabatan&lt;/label&gt;
28                    &lt;div class="col-sm-9"&gt;
29                        &lt;input type="text" class="form-control" name="jabatan" value="<?= $data['jabatan']; ?&gt;"&gt;
30                    &lt;/div&gt;
31                &lt;/div&gt;
32                &lt;div class="form-group row"&gt;
33                    &lt;label for="kode_wilayah" class="col-sm-3 col-form-label"&gt;Wilayah&lt;/label&gt;
34                    &lt;div class="col-sm-9"&gt;
35                        &lt;input type="text" class="form-control" name="kode_wilayah" value="<?= $data['kode_wilayah']; ?&gt;"&gt;
36                    &lt;/div&gt;
37                &lt;/div&gt;
38            &lt;?php endforeach; ?&gt;
39            &lt;!-- menambah button --&gt;
40            &lt;button type="submit" class="btn btn-primary"&gt;Simpan&lt;/button&gt;
41        &lt;/form&gt;</pre
```

Output

Toko Ilham Beranda Pelanggan Pegawai Transaksi

Detail Data Pegawai Toko Ilham

ID Pegawai

PE002

Nama Pegawai

Jumanto

Telepon

08576666666

Jabatan

Kasir

Wilayah

K01

Simpan

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form untuk UPDATE

App/controller/pegawai.php

```

32     public function update()
33     {
34         $id_pegawai = $_POST['id_pegawai'];
35         $nama_pegawai = $_POST['nama_pegawai'];
36         $telepon = $_POST['telepon'];
37         $jabatan = $_POST['jabatan'];
38         $kode_wilayah = $_POST['kode_wilayah'];
39         //mengirim data kedalam model
40         $this->model('pegawai_model')->updatepegawai($id_pegawai, $nama_pegawai, $telepon, $kode_wilayah, $jabatan);
41         //redirect setelah berhasil simpan data
42         header('Location:' .BASEURL.'/pegawai');
43     }
44

```

app/views/pegawai/detail.php

```

3 <div class="card-header">Detail Data Pegawai Toko <!-- BASEURL; -->/>
4 <div class="card-body">
5 <form action="{?= BASEURL; ?}/pegawai/update" method="POST">
6 <?php You, 2 hours ago • mencopy file
7 $i = 1;
8 foreach ($data['pegawai'] as $data) :
9 ?>
10 <div class="form-group row">
11 <label for="id" class="col-sm-3 col-form-label">ID Pegawai</label>
12 <div class="col-sm-9">
13 <input type="text" readonly class="form-control-plaintext" name="id_pegawai" value="{?= $data['id_pegawai']; ?}">
14 </div>
15 </div>
16 <div class="form-group row">
17 <label for="nama_pegawai" class="col-sm-3 col-form-label">Nama Pegawai</label>
18 <div class="col-sm-9">
19 <input type="text" class="form-control" name="nama_pegawai" value="{?= $data['nama_pegawai']; ?}">
20 </div>
21 </div>
22 <div class="form-group row">
23 <label for="telepon" class="col-sm-3 col-form-label">Telepon</label>
24 <div class="col-sm-9">
25 <input type="text" class="form-control" name="telepon" value="{?= $data['telepon']; ?}">
26 </div>
27 </div>
28 <div class="form-group row">
29 <label for="jabatan" class="col-sm-3 col-form-label">Jabatan</label>
30 <div class="col-sm-4">
31 <input type="text" class="form-control" name="jabatan" value="{?= $data['jabatan']; ?}">
32 </div>
33 <label for="kode_wilayah" class="col-sm-2 col-form-label">Wilayah</label>
34 <div class="col-sm-3">
35 <input type="text" class="form-control" name="kode_wilayah" value="{?= $data['kode_wilayah']; ?}">
36 </div>
37 </div>
38 <?php endforeach; ?>
39 <!-- menambah button -->
40 <button type="submit" class="btn btn-primary">Simpan</button>
41 </form>

```

Output

Toko Ilham Beranda Pelanggan Pegawai Transaksi

Detail Data Pegawai Toko Ilham

ID Pegawai	PE002		
Nama Pegawai	<input type="text" value="Jumantos"/>		
Telepon	<input type="text" value="0857666666"/>		
Jabatan	<input type="text" value="Kasir"/>	Wilayah	<input type="text" value="K01"/>

Simpan

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Toko Ilham	Beranda	Pelanggan	Pegawai	Transaksi
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Data Pegawai Toko Ilham				
Berhasil diubah ×				
No.	Nama	Telepon	Jabatan	Aksi
1	Jumantos	08576666666	Kasir	Detail Hapus
Tambah Pegawai				
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kolom HAPUS, dan pesan jika data sudah terhapus

App/controllers/pegawai.php

```

44
45     public function delete($id_pegawai)
46     {
47         //mengirim data kedalam model
48         $this->model('pegawai_model')->hapuspegawai($id_pegawai);
49
50         //redirect setelah berhasil delete data
51         header('Location:'.BASEURL.'/pegawai');
52     }

```

App/models/pegawai_model.php

```

48     public function hapuspegawai($id_pegawai)
49     {
50         $hapus = "DELETE FROM ".$this->table." WHERE id_pegawai = '$id_pegawai'";
51         $result = $this->db->connect->query($hapus);
52         if ($result == true) {
53             //Flasher jika berhasil
54             Flasher::setFlash('Berhasil', 'hapus data', 'success');
55             //echo "delete success";
56         } else {
57             //Flasher jika gagal
58             Flasher::setFlash('Gagal', 'dihapus karena '.$this->db->connect->error, 'danger');
59             echo "Error: ".$hapus."<br>".$this->db->connect->error;
60         }
61     }

```

App/views/pegawai/index.php

```

30         <td>
31             <a class="btn btn-primary btn-sm"
32                 href="<?= BASEURL; ?>/pegawai/detail/<?= $data['id_pegawai']; ?>" role="button">
33                 Detail<!-- penambahan button -->
34             </a>
35             <a class="btn btn-danger btn-sm"
36                 href="<?= BASEURL; ?>/pegawai/delete/<?= $data['id_pegawai']; ?>" role="button">
37                 Hapus
38             </a>
39         </td>

```

Output

Toko Ilham Beranda Pelanggan Pegawai Transaksi

Data Pegawai Toko Ilham

Berhasil hapus data

No.	Nama	Telepon	Jabatan	Aksi
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Tambah Pegawai

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