

Nama Kelompok : **SevenSky**

Matakuliah : Pemrograman Web Berorientasi Service

Dosen Pembimbing : A. Ferico Oktaviansyah, S.Kom., M.Kom.

Anggota:

1. Firstito Rahman Abdillah (20312002)

Devisi : Front end

Branch : (master)

2. Yoga Pratama (20312008)

Devisi : Back end

Branch : (YogaPratama)

Notes:

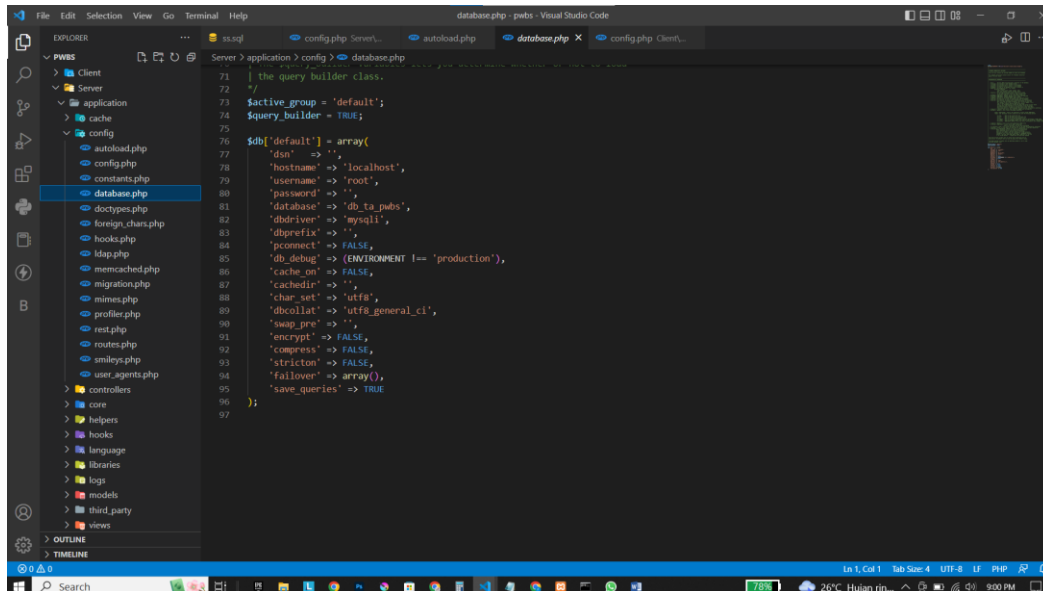
Mohon maaf Pak, Kami dari kelompok SevenSky masih mengalami sedikit kesulitan untuk beradaptasi SB Admin di CI.

HASIL PROGRES SESI 2

Pemrograman Web Berorientasi Service IF GAB 2

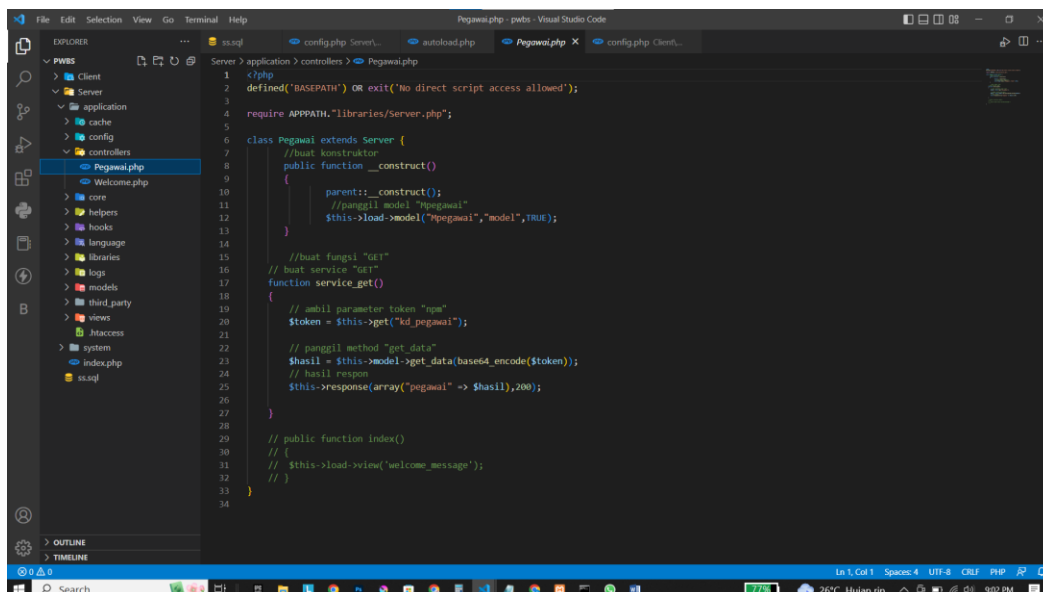
A. Hasil Codingan Server

❖ Input Database



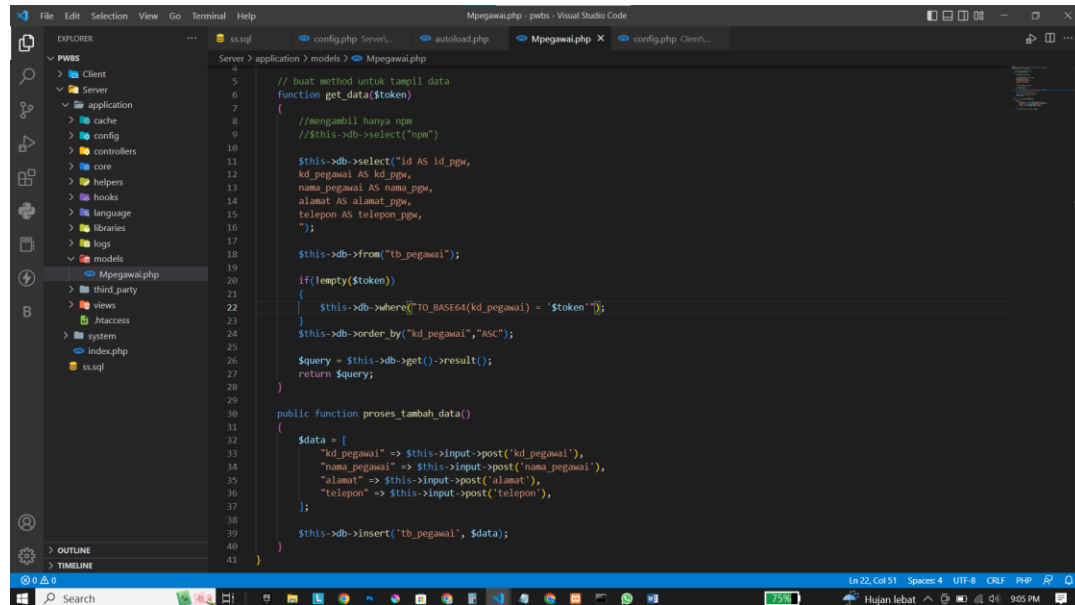
```
1 <?php
2 defined('BASEPATH') OR exit('No direct script access allowed');
3
4 require APPPATH.'libraries/Server.php';
5
6 class Pegawai extends Server {
7     //buat konstruktor
8     public function __construct()
9     {
10         parent::__construct();
11         //panggil model "Pegawai"
12         $this->load->model("Pegawai","model",TRUE);
13     }
14
15     //buat fungsi "GET"
16     // buat service "GET"
17     function service_get()
18     {
19         // ambil parameter token "qpw"
20         $token = $this->get("kd_pegawai");
21
22         // panggil method "get_data"
23         $hasil = $this->model->get_data(base64_encode($token));
24         // hasil respon
25         $this->response(array("pegawai" => $hasil),200);
26     }
27
28
29     // public function index()
30     // {
31     //     $this->load->view("welcome_message");
32     // }
33
34 }
```

❖ Controller “Pegawai.php”



```
1 <?php
2 defined('BASEPATH') OR exit('No direct script access allowed');
3
4 require APPPATH.'libraries/Server.php';
5
6 class Pegawai extends Server {
7     //buat konstruktor
8     public function __construct()
9     {
10         parent::__construct();
11         //panggil model "Pegawai"
12         $this->load->model("Pegawai","model",TRUE);
13     }
14
15     //buat fungsi "GET"
16     // buat service "GET"
17     function service_get()
18     {
19         // ambil parameter token "qpw"
20         $token = $this->get("kd_pegawai");
21
22         // panggil method "get_data"
23         $hasil = $this->model->get_data(base64_encode($token));
24         // hasil respon
25         $this->response(array("pegawai" => $hasil),200);
26     }
27
28
29     // public function index()
30     // {
31     //     $this->load->view("welcome_message");
32     // }
33
34 }
```

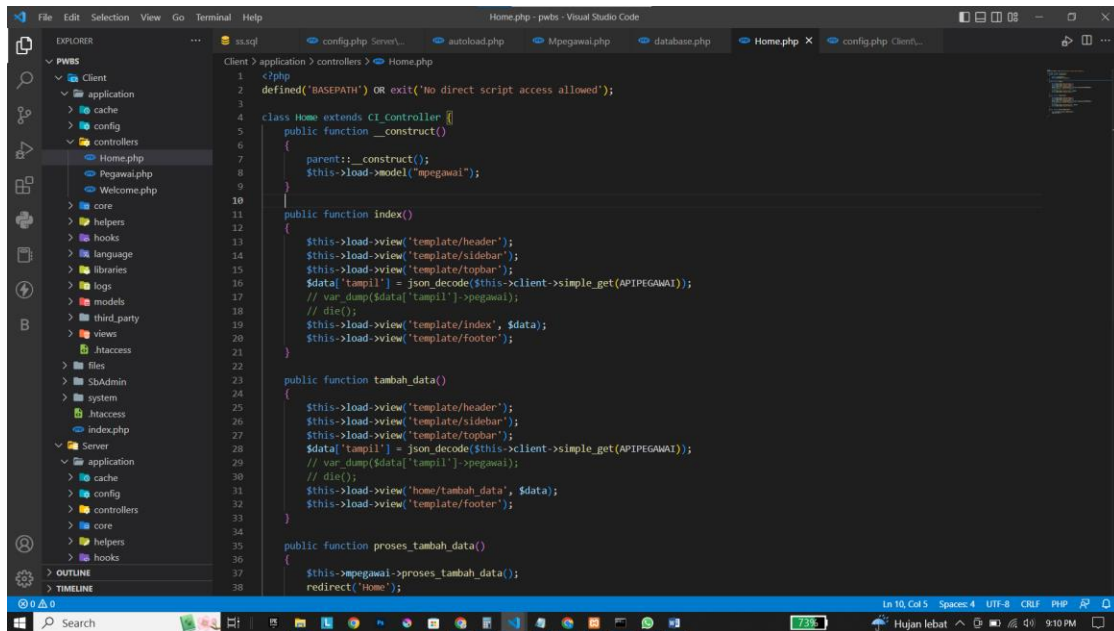
❖ Model “Mpegawai.php”



```
5 // buat method untuk tampil data
6 function get_data($token)
7 {
8     // mengambil hanya npe
9     // $this->db->select("npe")
10
11     $this->db->select("id AS id_ppw,
12         kd_pegawai AS kd_ppw,
13         nama_pegawai AS nama_ppw,
14         alamat AS alamat_ppw,
15         telepon AS telepon_ppw,
16         ");
17
18     $this->db->from("tb_pegawai");
19
20     if(empty($token))
21     {
22         $this->db->where("TO_BASE64(kd_pegawai) = '$token'");
23     }
24     $this->db->order_by("kd_pegawai","ASC");
25
26     $query = $this->db->get()->result();
27     return $query;
28 }
29
30 public function proses_tambah_data()
31 {
32     $data = [
33         "kd_pegawai" => $this->input->post('kd_pegawai'),
34         "nama_pegawai" => $this->input->post('nama_pegawai'),
35         "alamat" => $this->input->post('alamat'),
36         "telepon" => $this->input->post('telepon'),
37     ];
38
39     $this->db->insert('tb_pegawai', $data);
40 }
41 }
```

B. Codingan Client

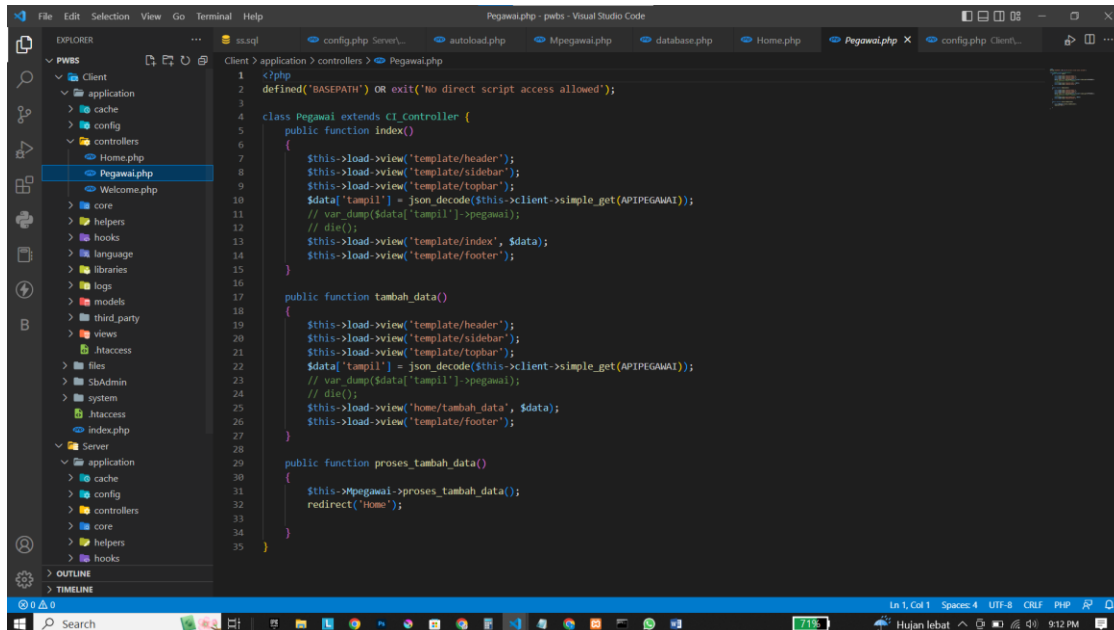
❖ Controller “Home.php”



The screenshot shows the Visual Studio Code editor with the 'Home.php' file open in the 'controllers' directory. The Explorer sidebar on the left shows the project structure, including 'Client', 'application', 'cache', 'config', 'controllers', 'core', 'helpers', 'hooks', 'language', 'libraries', 'logs', 'models', 'third_party', 'views', and 'htaccess'. The code in 'Home.php' is as follows:

```
1 <?php
2 defined('BASEPATH') OR exit('No direct script access allowed');
3
4 class Home extends CI_Controller {
5     public function __construct()
6     {
7         parent::__construct();
8         $this->load->model('mpegawai');
9     }
10
11     public function index()
12     {
13         $this->load->view('template/header');
14         $this->load->view('template/sidebar');
15         $this->load->view('template/topbar');
16         $data['tampil'] = json_decode($this->client->simple_get(APIPEGAWAI));
17         // var_dump($data['tampil']->pegawai);
18         // die();
19         $this->load->view('template/index', $data);
20         $this->load->view('template/footer');
21     }
22
23     public function tambah_data()
24     {
25         $this->load->view('template/header');
26         $this->load->view('template/sidebar');
27         $this->load->view('template/topbar');
28         $data['tampil'] = json_decode($this->client->simple_get(APIPEGAWAI));
29         // var_dump($data['tampil']->pegawai);
30         // die();
31         $this->load->view('home/tambah_data', $data);
32         $this->load->view('template/footer');
33     }
34
35     public function proses_tambah_data()
36     {
37         $this->mpegawai->proses_tambah_data();
38         redirect('Home');
```

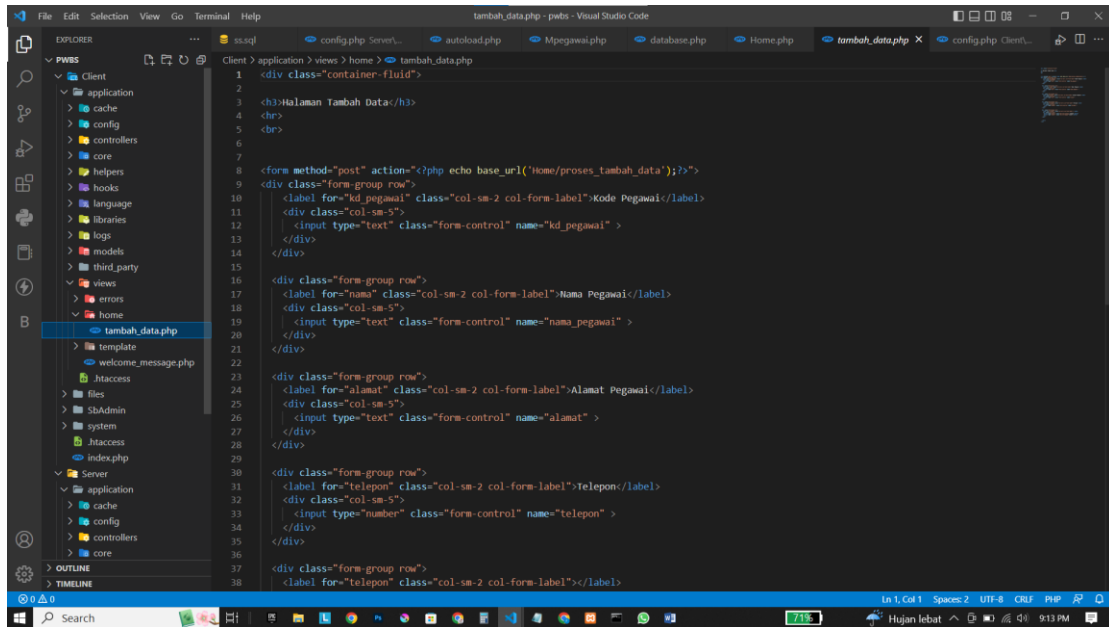
❖ Controller “Home.php”



The screenshot shows the Visual Studio Code editor with the 'Pegawai.php' file open in the 'controllers' directory. The Explorer sidebar on the left shows the project structure, including 'Client', 'application', 'cache', 'config', 'controllers', 'core', 'helpers', 'hooks', 'language', 'libraries', 'logs', 'models', 'third_party', 'views', and 'htaccess'. The code in 'Pegawai.php' is as follows:

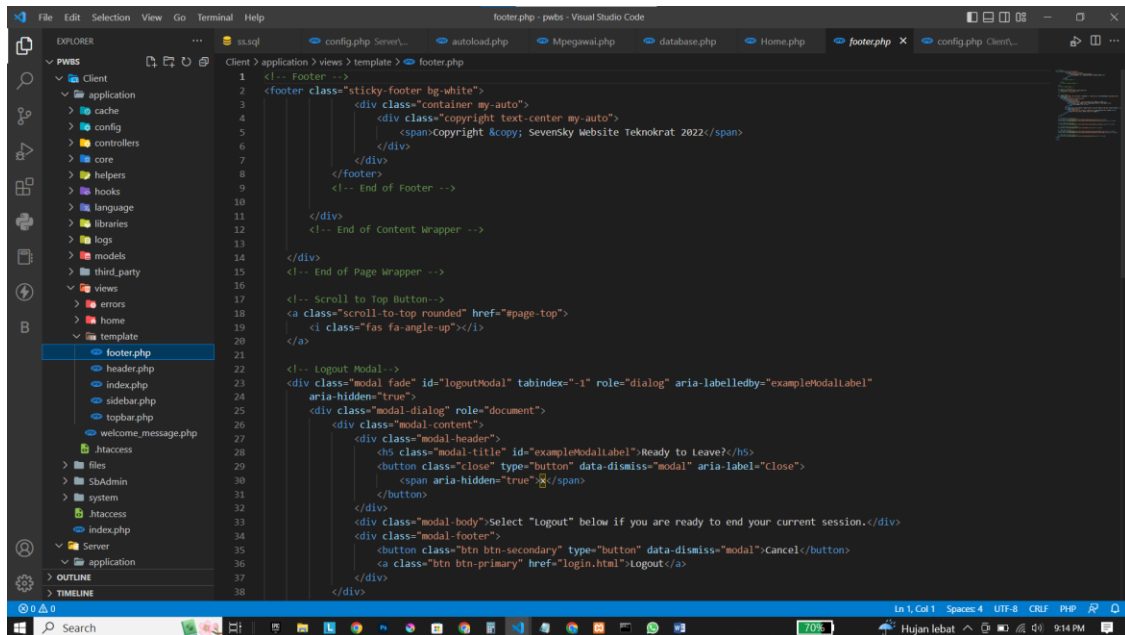
```
1 <?php
2 defined('BASEPATH') OR exit('No direct script access allowed');
3
4 class Pegawai extends CI_Controller {
5     public function index()
6     {
7         $this->load->view('template/header');
8         $this->load->view('template/sidebar');
9         $this->load->view('template/topbar');
10        $data['tampil'] = json_decode($this->client->simple_get(APIPEGAWAI));
11        // var_dump($data['tampil']->pegawai);
12        // die();
13        $this->load->view('template/index', $data);
14        $this->load->view('template/footer');
15    }
16
17    public function tambah_data()
18    {
19        $this->load->view('template/header');
20        $this->load->view('template/sidebar');
21        $this->load->view('template/topbar');
22        $data['tampil'] = json_decode($this->client->simple_get(APIPEGAWAI));
23        // var_dump($data['tampil']->pegawai);
24        // die();
25        $this->load->view('home/tambah_data', $data);
26        $this->load->view('template/footer');
27    }
28
29    public function proses_tambah_data()
30    {
31        $this->mpegawai->proses_tambah_data();
32        redirect('Home');
33    }
34
35 }
```

❖ tambah_data.php



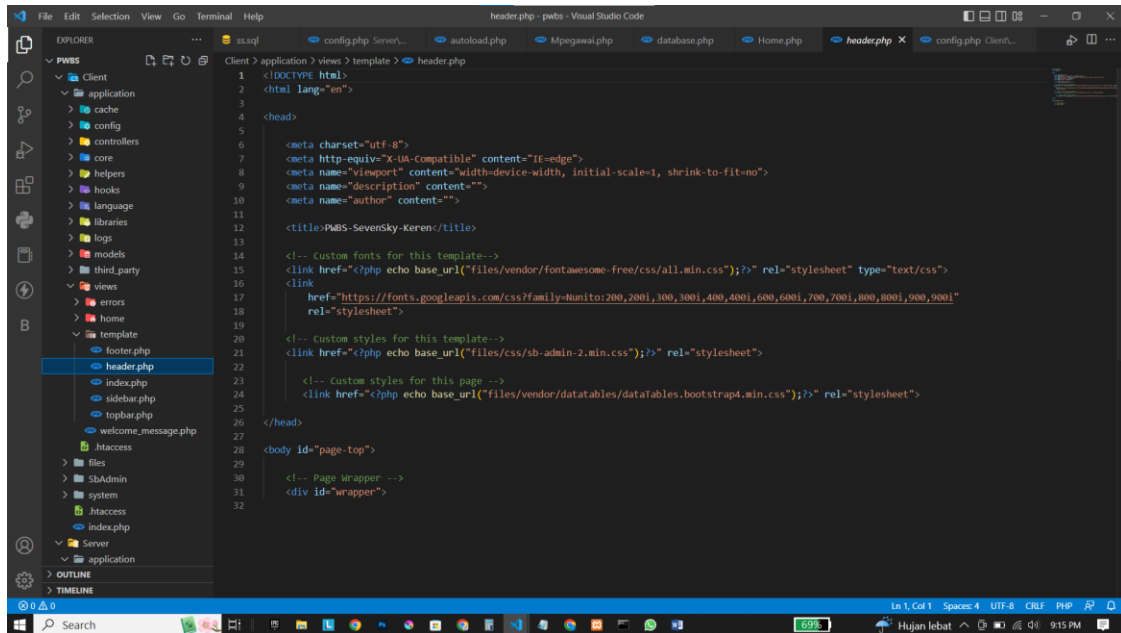
```
1 <div class="container-fluid">
2
3 <h3>Halaman Tambah Data</h3>
4 <hr>
5 <br>
6
7
8 <form method="post" action="{php echo base_url('home/proses_tambah_data')}";>
9 <div class="form-group row">
10 <label for="kd_pegawai" class="col-sm-2 col-form-label">Kode Pegawai</label>
11 <div class="col-sm-5">
12 <input type="text" class="form-control" name="kd_pegawai" >
13 </div>
14 </div>
15
16 <div class="form-group row">
17 <label for="nama" class="col-sm-2 col-form-label">Nama Pegawai</label>
18 <div class="col-sm-5">
19 <input type="text" class="form-control" name="nama_pegawai" >
20 </div>
21 </div>
22
23 <div class="form-group row">
24 <label for="alamat" class="col-sm-2 col-form-label">Alamat Pegawai</label>
25 <div class="col-sm-5">
26 <input type="text" class="form-control" name="alamat" >
27 </div>
28 </div>
29
30 <div class="form-group row">
31 <label for="telepon" class="col-sm-2 col-form-label">Telepon</label>
32 <div class="col-sm-5">
33 <input type="number" class="form-control" name="telepon" >
34 </div>
35 </div>
36
37 <div class="form-group row">
38 <label for="telepon" class="col-sm-2 col-form-label"></label>
```

❖ Template “footer.php”



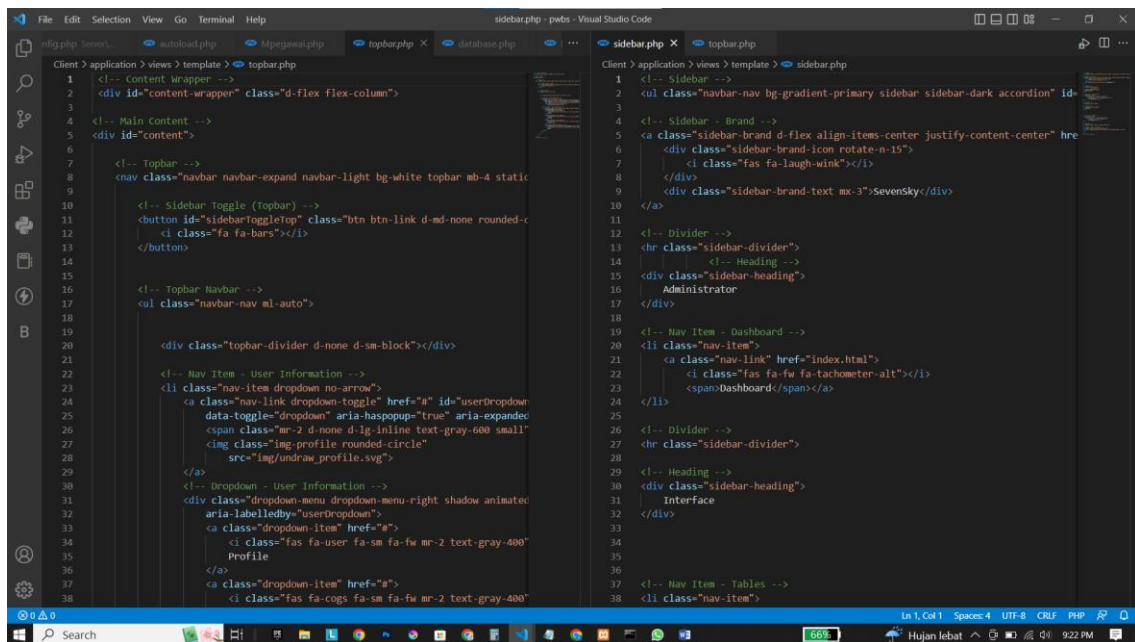
```
1 <!-- Footer -->
2 <footer class="sticky-footer bg-white">
3 <div class="container my-auto">
4 <div class="copyright text-center my-auto">
5 <span>Copyright &copy; Seventy website Teknokrat 2022</span>
6 </div>
7 </div>
8 </footer>
9 <!-- End of Footer -->
10
11 </div>
12 <!-- End of Content Wrapper -->
13
14 </div>
15 <!-- End of Page Wrapper -->
16
17 <!-- Scroll to top Button -->
18 <a class="scroll-to-top rounded" href="#page-top">
19 <i class="fas fa-angle-up"></i>
20 </a>
21
22 <!-- Logout Modal -->
23 <div class="modal fade" id="logoutModal" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel"
24 <div class="modal-dialog" role="document">
25 <div class="modal-content">
26 <div class="modal-header">
27 <h3 class="modal-title" id="exampleModalLabel">Ready to Leave?</h3>
28 <button class="close" type="button" data-dismiss="modal" aria-label="Close">
29 <span aria-hidden="true"></span>
30 </button>
31 </div>
32 <div class="modal-body">Select "Logout" below if you are ready to end your current session.</div>
33 <div class="modal-footer">
34 <button class="btn btn-secondary" type="button" data-dismiss="modal">Cancel</button>
35 <a class="btn btn-primary" href="login.html">Logout</a>
36 </div>
37 </div>
38 </div>
```

❖ Template “header.php”



```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5
6 <meta charset="utf-8">
7 <meta http-equiv="X-UA-Compatible" content="IE=edge">
8 <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
9 <meta name="description" content="">
10 <meta name="author" content="">
11
12 <title>PWTS-Sevensky-Keren</title>
13
14 <!-- Custom fonts for this template -->
15 <link href="/php echo base_url('files/vendor/fontawesome-free/css/all.min.css');>" rel="stylesheet" type="text/css">
16 <link
17 href="https://fonts.googleapis.com/css?family=Aunito:200,200i,300,300i,400,400i,600,600i,700,700i,800,800i,900,900i"
18 rel="stylesheet">
19
20 <!-- Custom styles for this template -->
21 <link href="/php echo base_url('files/css/sb-admin-2.min.css');>" rel="stylesheet">
22
23 <!-- Custom styles for this page -->
24 <link href="/php echo base_url('files/vendor/datatables/dataTables.bootstrap4.min.css');>" rel="stylesheet">
25
26 </head>
27
28 <body id="page-top">
29
30 <!-- Page Wrapper -->
31 <div id="wrapper">
```

❖ Template “topbar.php & sidebar.php”

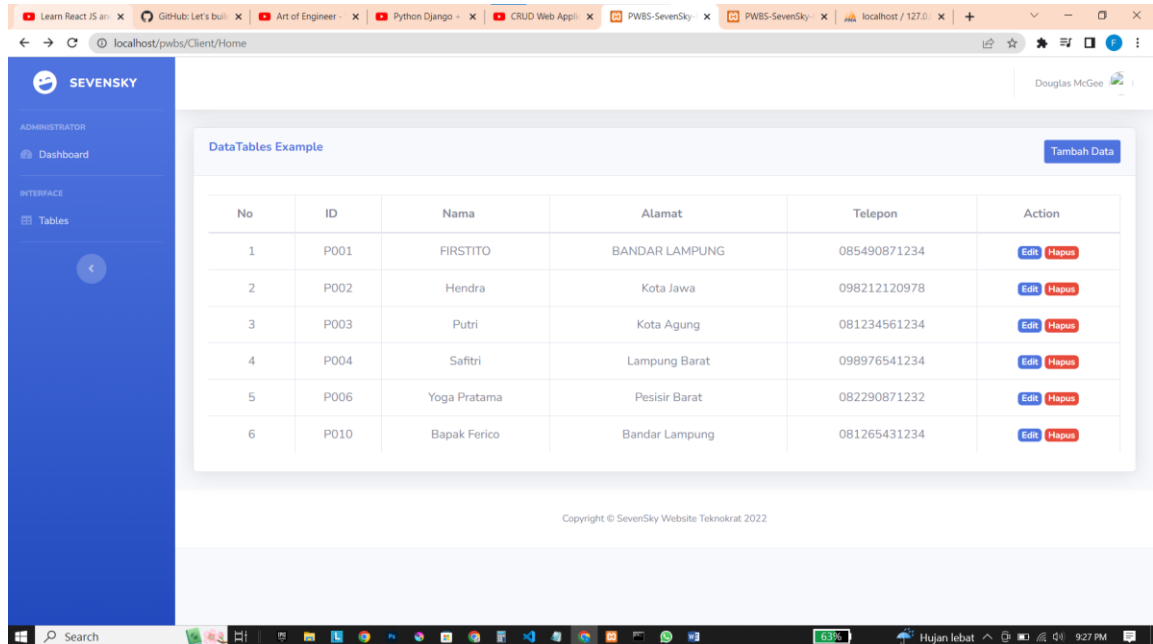


```
1 <!-- Content wrapper -->
2 <div id="content-wrapper" class="d-flex flex-column">
3
4 <!-- Main Content -->
5 <div id="content">
6
7 <!-- Topbar -->
8 <nav class="navbar navbar-expand navbar-light bg-white topbar mb-4 static">
9
10 <!-- Sidebar Toggle (Topbar) -->
11 <button id="sidbartoggle" class="btn btn-link d-md-none rounded-c
12 <i class="fa fa-bars"></i>
13 </button>
14
15 <!-- Topbar Navbar -->
16 <ul class="navbar-nav ml-auto">
17
18 <div class="topbar-divider d-none d-sm-block"></div>
19
20 <!-- Nav Item - User Information -->
21 <li class="nav-item dropdown no-arrow">
22 <a class="nav-link dropdown-toggle" href="#" id="userdropdown
23 data-toggle="dropdown" aria-haspopup="true" aria-expanded
24 <span class="mr-2 d-none d-lg-inline text-gray-600 small">
25 
27 </a>
28 <!-- Dropdown - User Information -->
29 <div class="dropdown-menu dropdown-menu-right shadow animated
30 aria-labelledby="userdropdown">
31 <a class="dropdown-item" href="#">
32 <i class="fas fa-user fa-sm fa-fw mr-2 text-gray-400">
33 Profile
34 </a>
35 <a class="dropdown-item" href="#">
36 <i class="fas fa-cogs fa-sm fa-fw mr-2 text-gray-400">
```

C. Tampilan Interface

❖ Halaman “tabel pegawai”

Pada halaman ini berfungsi untuk menampilkan seluruh data Pegawai.



❖ Halaman “Tambah data”

Pada halaman ini berfungsi untuk menambahkan data Pegawai baru.

