

Nama Kelompok : SCAM

Anggota :      Front End :      1. Dani Eka Saputra

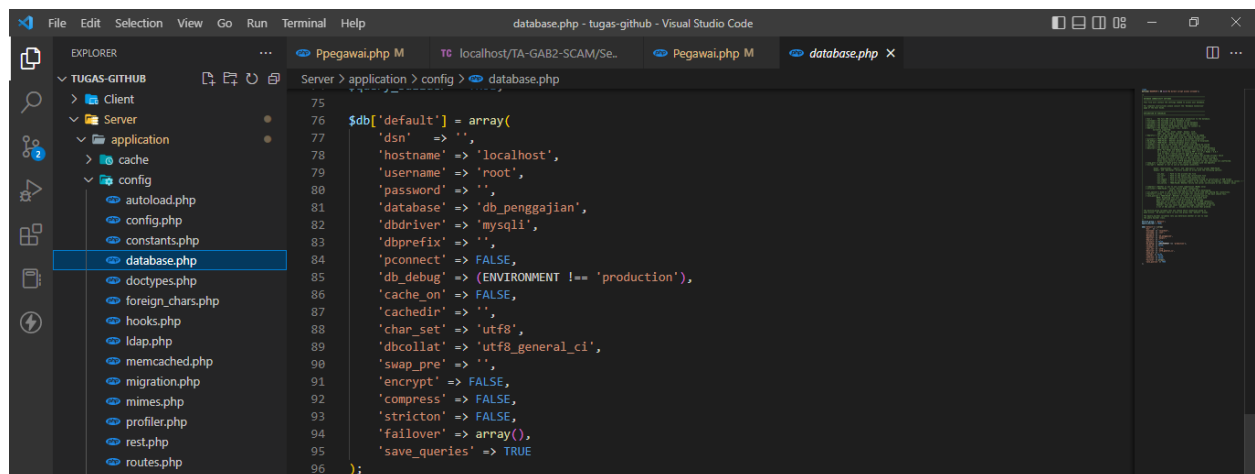
Back End :      1. Rifan Abiyoga  
2. Pratama Budi Rusadi

## Hasil Progres Sesi 1

### Backend

#### Controller\_Pegawai

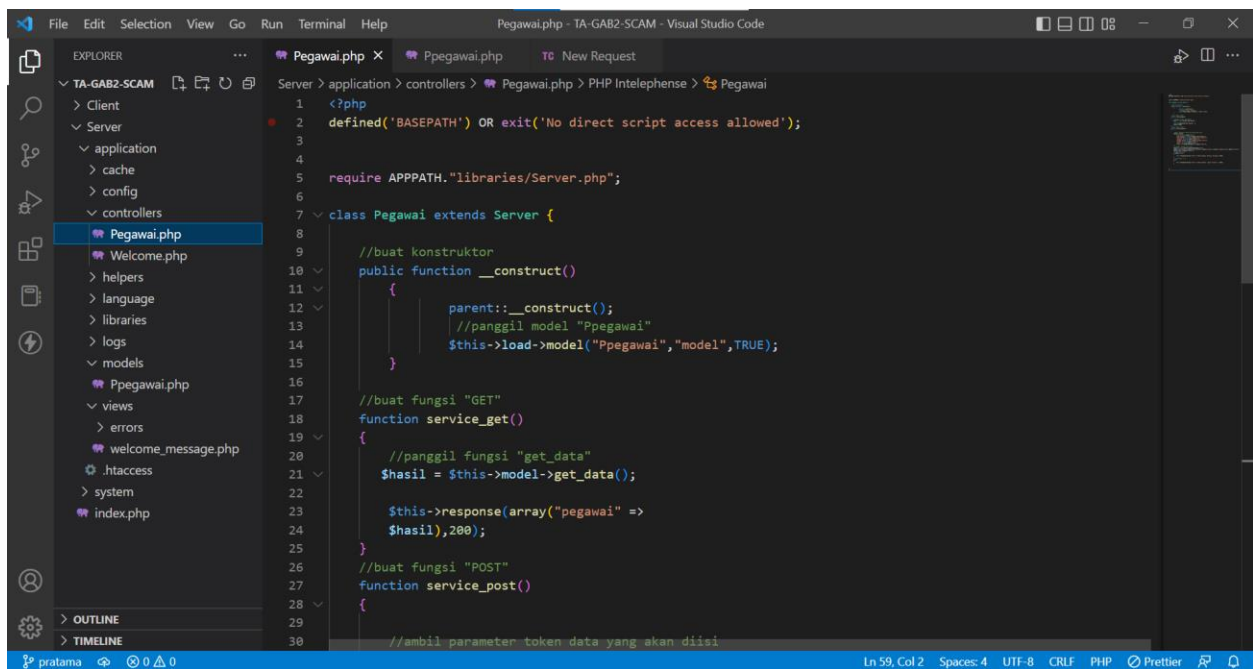
1.identifikasi database db\_penggajian



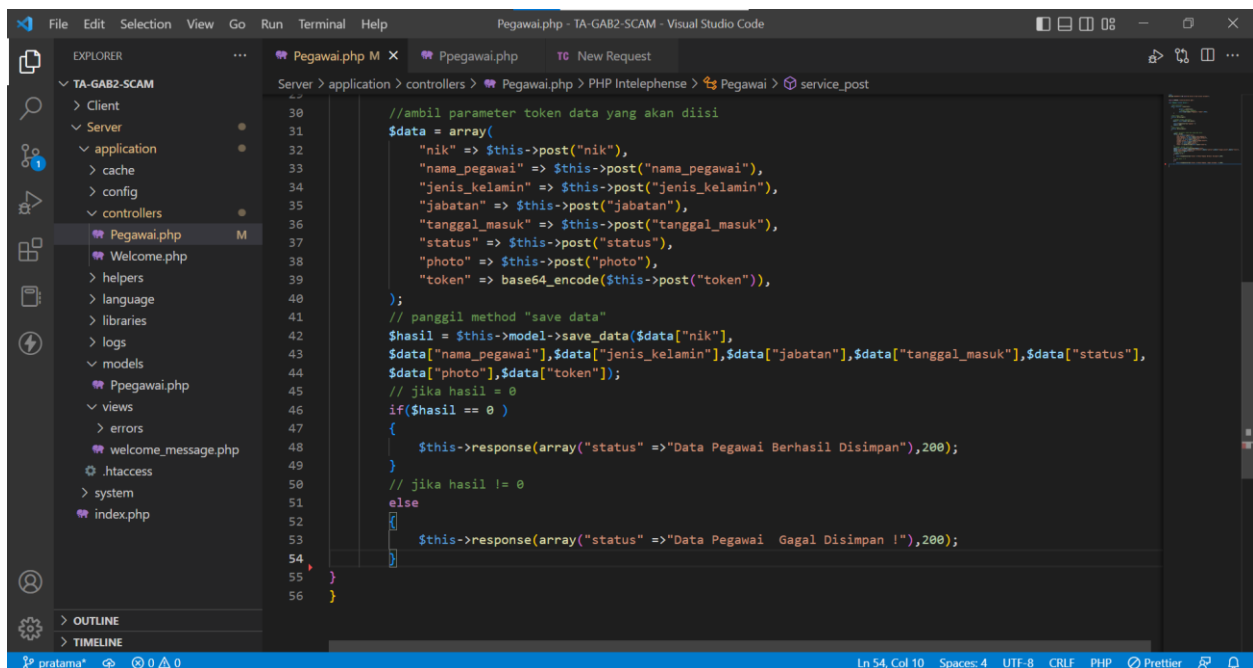
The screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left displaying the project structure. The file explorer shows a directory named 'TUGAS-GITHUB' containing 'Client' and 'Server' folders. The 'Server' folder contains 'application', 'cache', and 'config' subfolders. The 'config' folder is expanded, showing files like 'autoload.php', 'config.php', 'constants.php', 'database.php' (which is selected), 'doctypes.php', 'foreign\_chars.php', 'hooks.php', 'ldap.php', 'memcached.php', 'migration.php', 'mimes.php', 'Profiler.php', 'rest.php', 'routes.php', and 'utils.php'. The main editor area shows the content of 'database.php' with the following PHP code:

```
75
76 $db['default'] = array(
77     'dsn' => '',
78     'hostname' => 'localhost',
79     'username' => 'root',
80     'password' => '',
81     'database' => 'db_penggajian',
82     'dbdriver' => 'mysqli',
83     'dbprefix' => '',
84     'pconnect' => FALSE,
85     'db_debug' => (ENVIRONMENT !== 'production'),
86     'cache_on' => FALSE,
87     'cachedir' => '',
88     'char_set' => 'utf8',
89     'dbcollat' => 'utf8_general_ci',
90     'swap_pre' => '',
91     'encrypt' => FALSE,
92     'compress' => FALSE,
93     'stricton' => FALSE,
94     'failover' => array(),
95     'save_queries' => TRUE
96 );
```

## 2.codingan 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
8     //buat konstruktor
9     public function __construct()
10     {
11         parent::__construct();
12         //panggil model "Ppegawai"
13         $this->load->model("Ppegawai", "model", TRUE);
14     }
15
16     //buat fungsi "GET"
17     function service_get()
18     {
19         //panggil fungsi "get_data"
20         $hasil = $this->model->get_data();
21
22         $this->response(array("pegawai" =>
23             $hasil, 200));
24     }
25
26     //buat fungsi "POST"
27     function service_post()
28     {
29
30         //ambil parameter token data yang akan diisi
```

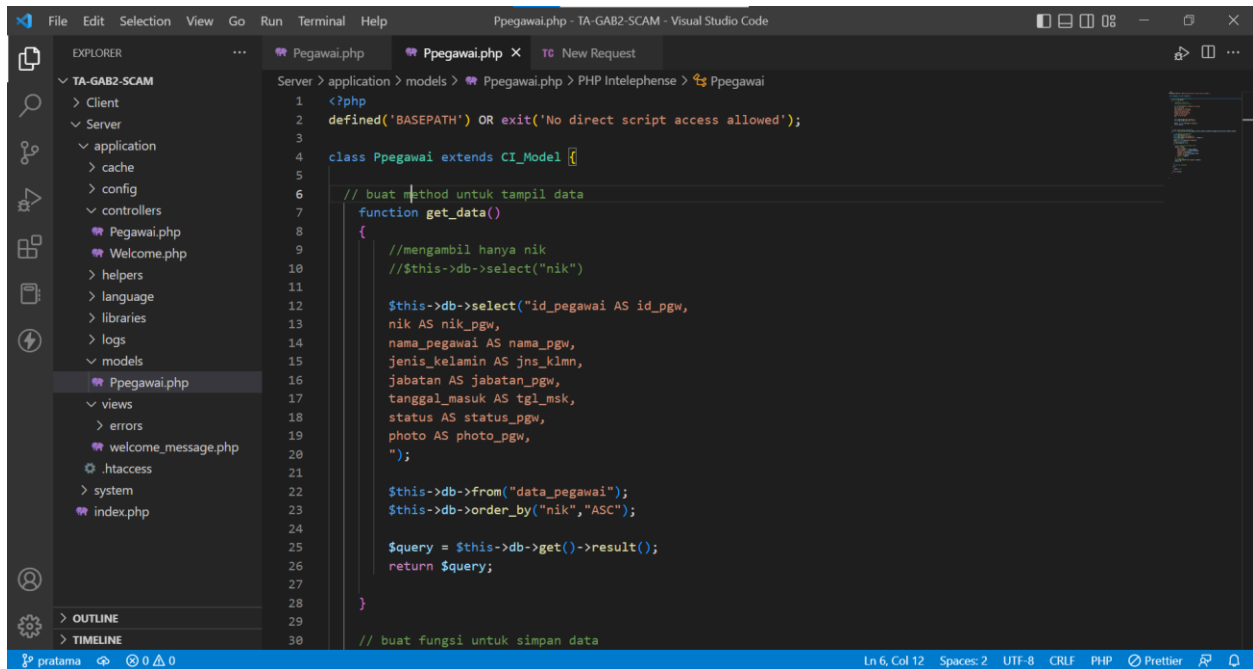


```
31
32 //ambil parameter token data yang akan diisi
33 $data = array(
34     "nik" => $this->post("nik"),
35     "nama_pegawai" => $this->post("nama_pegawai"),
36     "jenis_kelamin" => $this->post("jenis_kelamin"),
37     "jabatan" => $this->post("jabatan"),
38     "tanggal_masuk" => $this->post("tanggal_masuk"),
39     "status" => $this->post("status"),
40     "photo" => $this->post("photo"),
41     "token" => base64_encode($this->post("token")),
42 );
43 // panggil method "save data"
44 $hasil = $this->model->save_data($data["nik"],
45     $data["nama_pegawai"], $data["jenis_kelamin"], $data["jabatan"], $data["tanggal_masuk"], $data["status"],
46     $data["photo"], $data["token"]);
47 // jika hasil = 0
48 if($hasil == 0 )
49 {
50     $this->response(array("status" => "Data Pegawai Berhasil Disimpan"), 200);
51 }
52 // jika hasil != 0
53 else
54 {
55     $this->response(array("status" => "Data Pegawai Gagal Disimpan !"), 200);
56 }
```

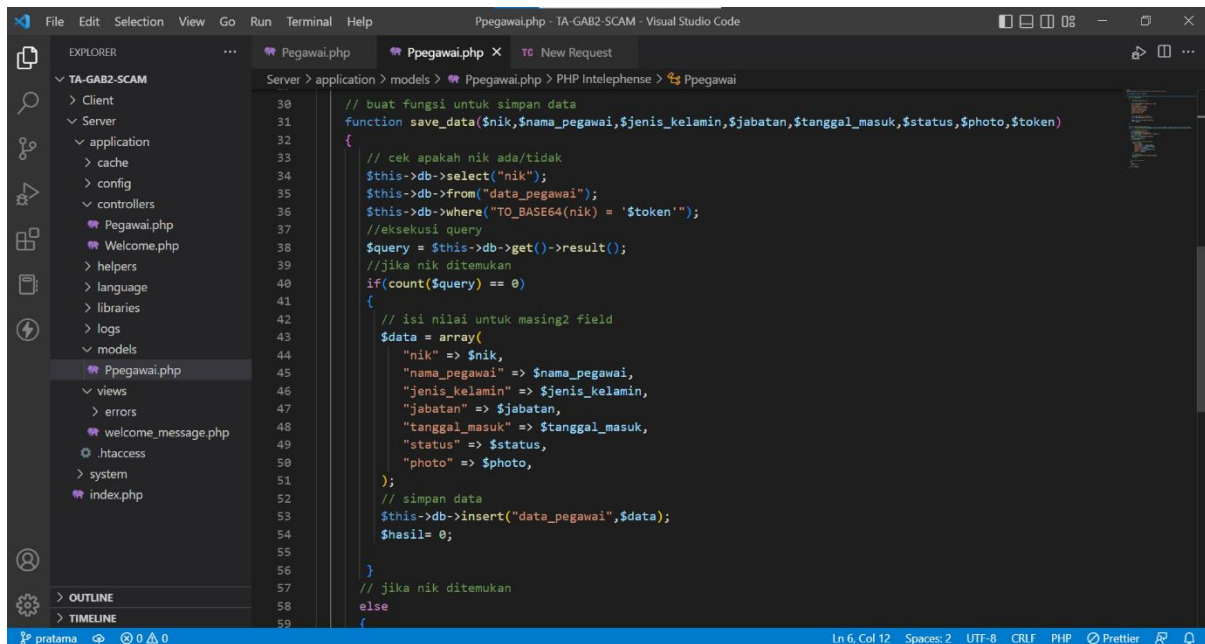
Dalam Controller Pegawai membuat  
function service\_get  
function service\_post  
agar dapat mengambil data pada database dan mengirim data pada database

# Models\_Ppegawai

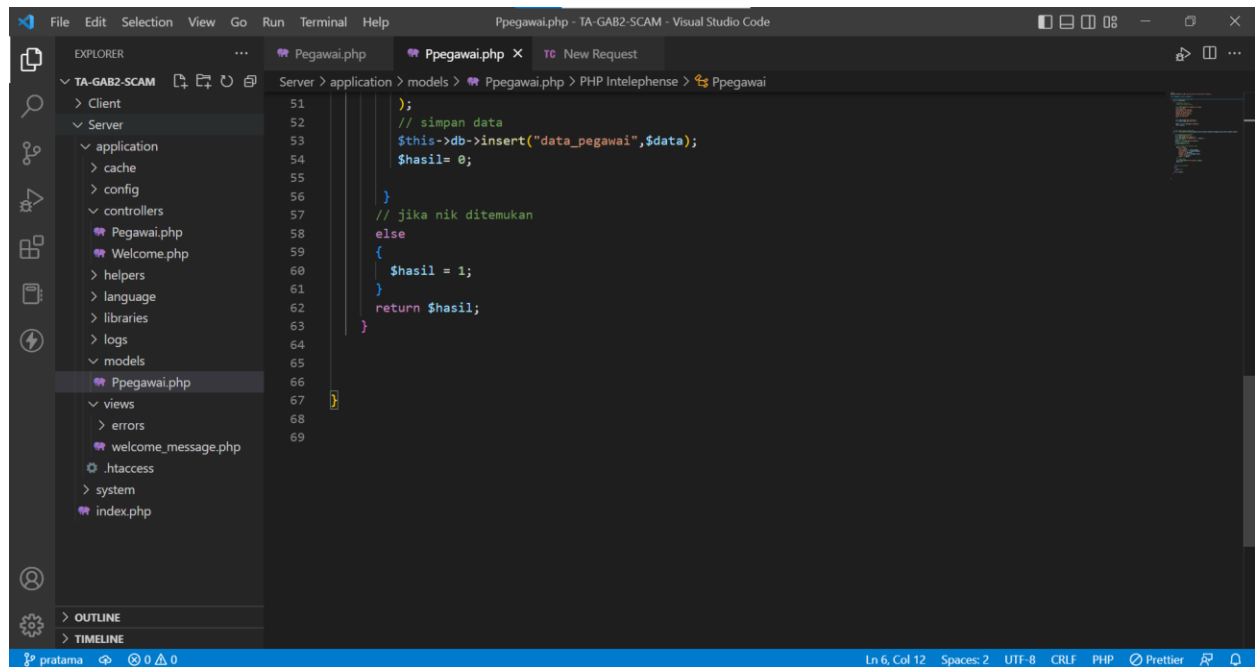
## 1.codingan models Ppegawai.php



```
1 <?php
2 defined('BASEPATH') OR exit('No direct script access allowed');
3
4 class Ppegawai extends CI_Model {
5
6     // buat method untuk tampil data
7     function get_data()
8     {
9         //mengambil hanya nik
10        //$this->db->select("nik")
11
12        $this->db->select("id_pegawai AS id_pgw,
13        nik AS nik_pgw,
14        nama_pegawai AS nama_pgw,
15        jenis_kelamin AS jns_klmin,
16        jabatan AS jabatan_pgw,
17        tanggal_masuk AS tgl_msk,
18        status AS status_pgw,
19        photo AS photo_pgw,
20        ");
21
22        $this->db->from("data_pegawai");
23        $this->db->order_by("nik","ASC");
24
25        $query = $this->db->get()->result();
26        return $query;
27
28    }
29
30    // buat fungsi untuk simpan data
```



```
30 // buat fungsi untuk simpan data
31 function save_data($nik,$nama_pegawai,$jenis_kelamin,$jabatan,$tanggal_masuk,$status,$photo,$token)
32 {
33     // cek apakah nik ada/tidak
34     $this->db->select("nik");
35     $this->db->from("data_pegawai");
36     $this->db->where("TO_BASE64(nik) = '$token'");
37     //eksekusi query
38     $query = $this->db->get()->result();
39     //jika nik ditemukan
40     if(count($query) == 0)
41     {
42         // isi nilai untuk masing2 field
43         $data = array(
44             "nik" => $nik,
45             "nama_pegawai" => $nama_pegawai,
46             "jenis_kelamin" => $jenis_kelamin,
47             "jabatan" => $jabatan,
48             "tanggal_masuk" => $tanggal_masuk,
49             "status" => $status,
50             "photo" => $photo,
51         );
52         // simpan data
53         $this->db->insert("data_pegawai",$data);
54         $hasil= 0;
55
56     }
57     // jika nik ditemukan
58     else
59     {
```



Dalam Controller Ppegawai membuat

function get\_data

function save\_data

agar menampilkan dan menyimpan apa yang sudah di input

id\_pegawai di inialisasikan menjadi id\_pgw

nik di inialisasikan menjadi nik\_pgw

nama\_pegawai di inialisasikan menjadi nama\_pgw

id\_pegawai di inialisasikan menjadi id\_pgw

jenis\_kelamin di inialisasikan menjadi jns\_klmn

jabatan di inialisasikan menjadi jabatan\_pgw

tanggal\_masuk di inialisasikan menjadi tgl\_msk

id\_pegawai di inialisasikan menjadi id\_pgw

status di inialisasikan menjadi status\_pgw

photo di inialisasikan menjadi photo\_pgw

## Frontend

### Controller Pegawai

#### 1. Codingan controller pegawai.php

```
Client > application > controllers > Pegawai.php > ...
1  <?php
2  defined('BASEPATH') or exit('No direct script access allowed');
3
4  class Pegawai extends CI_Controller
5  {
6
7      public function index()
8      {
9          $data['tampil'] = json_decode($this->client->simple_get(APIPEGAWAI));
10
11          $this->load->view('vw_pegawai', $data);
12      }
13
14  }
15
```

Didalam controller Pegawai

Membuat function index untuk mengarahkan ke vw\_pegawai

```
<!-- isi tabel -->
<tbody>
  <tr>
    <td class="text-center"> </td>
    <td class="text-center"> </td>
    <td class="text-center"></td>
    <td class="text-center"></td>
    <td class="text-center"></td>
    <td class="text-center"></td>
    <td class="text-center"></td>
    <td class="text-center"></td>
  </tr>
</tbody>
</body>
</html>
```

Membuat table isi pegawai