Kelompok Scam

1. 20312001 Dany Eka Saputra (Front End)
2. 20312013 Pratama Budi Rusadi (Front End)
3. 20312016 Rifan Abiyoga (Back End)

Screenshot dan Penjelasan

Tugas Akhir Sesi 3

Server → Controllers → DataAbsen.php

```php
1  <?php
2  defined('BASEPATH') OR exit('No direct script access allowed');
3
4
5  require APPPATH."libraries/Server.php";
6
7  class DataAbsen extends Server {
8
9      public function __construct()
10     {
11         parent::__construct();
12         $this->load->model("Mabsen","model",TRUE);
13     }
14
15     function service_get()
16     {
17         $hasil = $this->model->get_data($this->get("bulantahun"));
18         $number = sizeof($hasil);
19         $this->response(array("absen" => $hasil, "kehadiran_jumlah" => $number),200);
20     }
21
22     function service_post()
23     {
24
25         //ambil parameter token data yang akan diisi
26         $data = array(
27             "nik" => $this->post("nik"),
28             "nama_pegawai" => $this->post("nama_pegawai"),
29             "jenis_kelamin" => $this->post("jenis_kelamin"),
30             "jabatan" => $this->post("jabatan"),
31             "tanggal_masuk" => $this->post("tanggal_masuk"),
32             "status" => $this->post("status"),
33             "photo" => $this->post("photo"),
34             "token" => base64_encode($this->post("token")),
35         );
```

Membuat function __construct

untuk memanggil kelas model "Mabsen"

Membuat function service_get

untuk mengambil input dari query string atau form yang menggunakan metode GET untuk pengiriman data;

Membuat function service_post

Mengambil parameter token data yang akan diisi

Ketika dijalankan di thunderclient function dari service post DataAbsen berhasil dijalankan

```
36
37      // panggil method "save data"
38      $hasil = $this->model->save_data($data["nik"],
39      $data["nama_pegawai"],$data["jenis_kelamin"],$data["jabatan"],$data["tanggal_masuk"],$data["status"],
40      $data["photo"],$data["token"]);
41      // jika hasil = 0
42      if($hasil == 0 )
43      {
44          $this->response(array("status" =>"Data Pegawai Berhasil Disimpan"),200);
45      }
46      // jika hasil != 0
47      else
48      {
49          $this->response(array("status" =>"Data Pegawai  Gagal Disimpan !"),200);
50      }
51
```

Memangil method save data untuk menyimpan data pegawai

Server → Controllers → DataGaji.php

```php
1  <?php
2  defined('BASEPATH') OR exit('No direct script access allowed');
3
4  require APPPATH."libraries/Server.php";
5
6  class DataGaji extends Server {
7
8      public function __construct()
9      {
10         parent::__construct();
11         $this->load->model("Mgaji","model",TRUE);
12     }
13
14     function service_get()
15     {
16         $hasil = $this->model->get_data($this->get("bulantahun"));
17         $number = sizeof($hasil);
18         $this->response(array("gaji" => $hasil, "gaji_jumlah" => $number),200);
19     }
20
21     function service_post()
22     {
23
24         //ambil parameter token data yang akan diisi
25         $data = array(
26             "nik" => $this->post("nik"),
27             "nama_pegawai" => $this->post("nama_pegawai"),
28             "jenis_kelamin" => $this->post("jenis_kelamin"),
29             "jabatan" => $this->post("jabatan"),
30             "tanggal_masuk" => $this->post("tanggal_masuk"),
31             "status" => $this->post("status"),
32             "photo" => $this->post("photo"),
33             "token" => base64_encode($this->post("token")),
34         );
35         // panggil method "save data"
36         $hasil = $this->model->save_data($data["nik"],
37         $data["nama_pegawai"],$data["jenis_kelamin"],$data["jabatan"],$data["tanggal_masuk"],$data["status"],
38         $data["photo"],$data["token"]);
39         // jika hasil = 0
40         if($hasil == 0 )
41         {
42             $this->response(array("status" =>"Data Pegawai Berhasil Disimpan"),200);
43         }
44         // jika hasil != 0
45         else
46         {
47             $this->response(array("status" =>"Data Pegawai  Gagal Disimpan !"),200);
48         }
49     }
50  }
```

Membuat function __construct

untuk memanggil kelas model "Mabsen"

Membuat function service get

untuk mengambil input dari query string atau form yang menggunakan metode GET untuk pengiriman data;

membuat function service post

mengambil parameter token dan memanggil methode save data

Server → Controllers → DataJabatan.php

```php
1   <?php
2   defined('BASEPATH') OR exit('No direct script access allowed');
3
4
5   require APPPATH."libraries/Server.php";
6
7   class DataJabatan extends Server {
8
9       public function __construct()
10      {
11          parent::__construct();
12          $this->load->model("Mjabatan", "model", TRUE);
13      }
14
15      function service_get()
16      {
17          if (empty($this->input->get('id'))){
18              $hasil = $this->model->get_data('');
19              $number = sizeof($this->model->get_data(''));
20              $this->response(array("jabatan" => $hasil, "jabatan_jumlah" => $number),200);
21          } else {
22              $this->response(array("jabatan" => $this->model->get_data($this->input->get('id'))),200);
23          }
24      }
25
26      function service_post()
27      {
28          $data = array(
29              'nama_jabatan' => $this->input->post('nama_jabatan'),
30              'gaji_pokok' => $this->input->post('gaji_pokok'),
31              'tj_transport' => $this->input->post('tj_transport'),
32              'uang_makan' => $this->input->post('uang_makan')
33          );
34
35          $hasil = $this->model->save_data($data);
36
37          if($hasil == 0) {
38              $this->response(array("pesan" => "true"),200);
39          } else {
40              $this->response(array("pesan" => "false"),200);
41          }
42      }
43  }
```

Memanggil model jabatan

Menyimpan data gaji di jabatan

Server → Controllers → DataJabatanUpdate.php

```php
<?php
defined('BASEPATH') OR exit('No direct script access allowed');


require APPPATH."libraries/Server.php";

class DataJabatanUpdate extends Server {

    public function __construct()
    {
        parent::__construct();
        $this->load->model("Mjabatan", "model", TRUE);
    }

    function service_get()
    {
        if($this->model->delete_data($this->input->get('id_jabatan')) == 0) {
            $this->response(array("pesan" => "true"),200);
        } else {
            $this->response(array("pesan" => "false"),200);
        }
    }

    function service_post()
    {
        $data = array(
            'nama_jabatan' => $this->input->post('nama_jabatan'),
            'gaji_pokok' => $this->input->post('gaji_pokok'),
            'tj_transport' => $this->input->post('tj_transport'),
            'uang_makan' => $this->input->post('uang_makan')
        );

        $hasil = $this->model->update_data($this->input->post('id_jabatan'), $data);

        if($hasil == 0) {
            $this->response(array("pesan" => "true"),200);
        } else {
            $this->response(array("pesan" => "false"),200);
        }
    }
}
```

Memanggil model jabatan, dan mengambil data jabatan berdasar Id atau semuanya

Menyimpan data gaji berdasarkan nama jabatan ke database

Server → Controllers → DataPegawai.php

```php
1  <?php
2  defined('BASEPATH') OR exit('No direct script access allowed');
3
4
5  require APPPATH."libraries/Server.php";
6
7  class DataPegawai extends Server {
8
9      public function __construct()
10     {
11         parent::__construct();
12         $this->load->model("Mpegawai","model",TRUE);
13     }
14
15
16     function service_get()
17     {
18         if (empty($this->input->get('id'))){
19             $hasil = $this->model->get_data('');
20             $admin = sizeof($this->model->get_data_admin());
21             $number = sizeof($this->model->get_data(''));
22             $this->response(array("pegawai" =>$hasil, "pegawai_jumlah" => $number, "admin_jumlah" => $admin),200);
23         } else {
24             $this->response(array("pegawai" => $this->model->get_data($this->input->get('id'))),200);
25         }
26     }
27
28     function service_post()
29     {
30         $data = array(
31             "nik" => $this->post("nik"),
32             "nama_pegawai" => $this->post("nama_pegawai"),
33             "jenis_kelamin" => $this->post("jenis_kelamin"),
34             "jabatan" => $this->post("jabatan"),
35             "tanggal_masuk" => $this->post("tanggal_masuk"),
36             "status" => $this->post("status"),
37             "hak_akses" => $this->post("hak_akses"),
38             "photo" => $this->post("photo")
39         );
40
41         $hasil = $this->model->save_data($data);
42         if($hasil == 0 ) $this->response(array("pesan" => "true"),200);
43         else $this->response(array("pesan" => "false"),200);
44     }
45 }
```

Memanggil model pegawai, dan mengambil data pegawai semua atau
Berdasarkan id pegawai

Menyimpan data pegawai ke database

Server → Controllers → DataPegawaiUpdate.php

```php
1  <?php
2  defined('BASEPATH') OR exit('No direct script access allowed');
3
4
5  require APPPATH."libraries/Server.php";
6
7  class DataPegawaiUpdate extends Server {
8
9      public function __construct()
10     {
11         parent::__construct();
12         $this->load->model("Mpegawai","model",TRUE);
13     }
14
15
16     function service_get()
17     {
18         if($this->model->delete_data($this->input->get('id_pegawai')) == 0) {
19             $this->response(array("pesan" => "true"),200);
20         } else {
21             $this->response(array("pesan" => "false"),200);
22         }
23     }
24
25     function service_post()
26     {
27         if (empty($this->post("photo"))){
28             $data = array(
29             "nik" => $this->post("nik"),
30             "nama_pegawai" => $this->post("nama_pegawai"),
31             "jenis_kelamin" => $this->post("jenis_kelamin"),
32             "jabatan" => $this->post("jabatan"),
33             "tanggal_masuk" => $this->post("tanggal_masuk"),
34             "hak_akses" => $this->post("hak_akses"),
35             "status" => $this->post("status")
36             );
37         } else {
38             $data = array(
39             "nik" => $this->post("nik"),
40             "nama_pegawai" => $this->post("nama_pegawai"),
41             "jenis_kelamin" => $this->post("jenis_kelamin"),
42             "jabatan" => $this->post("jabatan"),
43             "tanggal_masuk" => $this->post("tanggal_masuk"),
44             "status" => $this->post("status"),
45             "hak_akses" => $this->post("hak_akses"),
46             "photo" => $this->post("photo")
47             );
48         }
49
50         $hasil = $this->model->update_data($data, $this->post("id_pegawai"));
51         if($hasil == 0 ) $this->response(array("pesan" => "true"),200);
52         else $this->response(array("pesan" => "false"),200);
53     }
54 }
```

memanggil model pegawai dan menghapus data pegawai berdasarkan id

Update data pegawai yang sudah di input

Server → Controllers → Pegawai.php

```php
1   <?php
2   defined('BASEPATH') OR exit('No direct script access allowed');
3
4
5   require APPPATH."libraries/Server.php";
6
7   class Pegawai extends Server {
8
9       //buat konstruktor
10      public function __construct()
11          {
12                  parent::__construct();
13                  //panggil model "Ppegawai"
14                  $this->load->model("Ppegawai","model",TRUE);
15          }
16
17      //buat fungsi "GET"
18      function service_get()
19      {
20          //panggil fungsi "get_data"
21          $hasil = $this->model->get_data();
22
23          $this->response(array("pegawai" =>
24          $hasil),200);
25      }
26      //buat fungsi "POST"
27      function service_post()
28      {
29
30          //ambil parameter token data yang akan diisi
31          $data = array(
32              "nik" => $this->post("nik"),
33              "nama_pegawai" => $this->post("nama_pegawai"),
34              "jenis_kelamin" => $this->post("jenis_kelamin"),
35              "jabatan" => $this->post("jabatan"),
36              "tanggal_masuk" => $this->post("tanggal_masuk"),
37              "status" => $this->post("status"),
38              "photo" => $this->post("photo"),
39              "token" => base64_encode($this->post("token")),
40          );
41          // panggil method "save data"
42          $hasil = $this->model->save_data($data["nik"],
43          $data["nama_pegawai"],$data["jenis_kelamin"],$data["jabatan"],$data["tanggal_masuk"],$data["status"],
44          $data["photo"],$data["token"]);
45          // jika hasil = 0
46          if($hasil == 0 )
47          {
48              $this->response(array("status" =>"Data Pegawai Berhasil Disimpan"),200);
49          }
50          // jika hasil != 0
51          else
52          {
53              $this->response(array("status" =>"Data Pegawai  Gagal Disimpan !"),200);
54          }
55
```

Memanggil model pegawai dan mengambil semua data pegawai

Menyimpan data pegawai ke database

Server → Controllers →PotonganGaji.php

```php
1  <?php
2  defined('BASEPATH') OR exit('No direct script access allowed');
3
4
5  require APPPATH."libraries/Server.php";
6
7  class PotonganGaji extends Server {
8
9      public function __construct()
10     {
11         parent::__construct();
12         $this->load->model("Mpotongan_gaji", "model", TRUE);
13     }
14
15     function service_get()
16     {
17         if (empty($this->input->get('id'))){
18             $hasil = $this->model->get_data('');
19             $number = sizeof($this->model->get_data(''));
20             $this->response(array("potongan_gaji" => $hasil, "potongan_gaji_jumlah" => $number),200);
21         } else {
22             $this->response(array("potongan_gaji" => $this->model->get_data($this->input->get('id'))),200);
23         }
24     }
25
26     function service_post()
27     {
28         $data = array(
29             'potongan' => $this->input->post('jenis_potongan'),
30             'jml_potongan' => $this->input->post('jumlah_potongan')
31         );
32
33         $hasil = $this->model->save_data($data);
34
35         if($hasil == 0) {
36             $this->response(array("pesan" => "true"),200);
37         } else {
38             $this->response(array("pesan" => "false"),200);
39         }
40     }
41  }
```

Memanggil model potongan gaji dan mengambil data potongan gaji berdasarkan id atau smeua potongan gaji

Menimpan data potonga gaji

Server → Controllers →PotonganGajiUpdate.php

```php
1  <?php
2  defined('BASEPATH') OR exit('No direct script access allowed');
3
4
5  require APPPATH."libraries/Server.php";
6
7  class PotonganGajiUpdate extends Server {
8
9      public function __construct()
10     {
11         parent::__construct();
12         $this->load->model("Mpotongan_gaji", "model", TRUE);
13     }
14
15     function service_get()
16     {
17         if($this->model->delete_data($this->input->get('id')) == 0) {
18             $this->response(array("pesan" => "true", 'id' => $this->input->get('id')),200);
19         } else {
20             $this->response(array("pesan" => "false", 'id' => $this->input->get('id')),200);
21         }
22     }
23
24     function service_post()
25     {
26         $data = array(
27             'potongan' => $this->input->post('jenis_potongan'),
28             'jml_potongan' => $this->input->post('jumlah_potongan')
29         );
30
31         $hasil = $this->model->update_data($this->input->post('id'), $data);
32
33         if($hasil == 0) {
34             $this->response(array("pesan" => "true"),200);
35         } else {
36             $this->response(array("pesan" => "false"),200);
37         }
38     }
39 }
```

Memanggil model potongan gaji, dan menghapus potongan gaji berdasrkan id

Update data potongan gaji berdasarkan id

Server → Controllers →UpdatePassword.php

```php
1  <?php
2  defined('BASEPATH') OR exit('No direct script access allowed');
3
4
5  require APPPATH."libraries/Server.php";
6
7  class UpdatePassword extends Server {
8
9      public function __construct()
10     {
11         parent::__construct();
12         $this->load->model("Mpegawai","model",TRUE);
13     }
14
15     function service_post()
16     {
17         $data = array(
18             "password" => $this->post("password_baru")
19         );
20
21
22         $hasil = $this->model->update_data($data, $this->post("id_pegawai"));
23         if($hasil == 0 ) $this->response(array("pesan" => "true"),200);
24         else $this->response(array("pesan" => "false"),200);
25     }
26  }
```

Memanggil model pegawai, dan update password berdasarkan id pegawai

Server → Controllers →Validation.php

```php
1  <?php
2  defined('BASEPATH') OR exit('No direct script access allowed');
3
4
5  require APPPATH."libraries/Server.php";
6
7  class Validation extends Server {
8
9      public function __construct()
10     {
11         parent::__construct();
12         $this->load->model("Mpegawai","model",TRUE);
13         $this->load->model("Mgaji","gaji",TRUE);
14     }
15
16     function service_get()
17     {
18         $this->response(array('gaji' => $this->gaji->get_data_pegawai($this->get("nik"))) ,200);
19     }
20
21     function service_post()
22     {
23         $data = array(
24             "username" => $this->post("username"),
25             "password" => $this->post("password"),
26         );
27
28
29         $this->response($this->model->get_login($data) ,200);
30     }
31  }
```

memanggil model pegawai dan gaji, mengambil semua data pegawai berdasarkan nik, mencari data user untuk validasi login

Server → Models →Mabsen.php

```php
<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Mabsen extends CI_Model {

    function get_data($bulantahun)
    {
        return $this->db->query("SELECT data_kehadiran.*,
        data_pegawai.nama_pegawai, data_pegawai.jenis_kelamin, data_pegawai.jabatan FROM
        data_kehadiran INNER JOIN data_pegawai ON data_kehadiran.nik = data_pegawai.nik INNER JOIN
        data_jabatan ON data_pegawai.jabatan = data_jabatan.nama_jabatan WHERE data_kehadiran.bulan = '$bulantahun' ORDER BY data_pegawai.nama_pegawai ASC")->result();
    }

    // buat fungsi untuk simpan data
    function save_data($nik,$nama_pegawai,$jenis_kelamin,$jabatan,$tanggal_masuk,$status,$photo,$token)
    {
        // cek apakah nik ada/tidak
        $this->db->select("nik");
        $this->db->from("data_pegawai");
        $this->db->where("TO_BASE64(nik) = '$token'");
        //eksekusi query
        $query = $this->db->get()->result();
        //jika nik ditemukan
        if(count($query) == 0)
        {
            // isi nilai untuk masing2 field
            $data = array(
                "nik" => $nik,
                "nama_pegawai" => $nama_pegawai,
                "jenis_kelamin" => $jenis_kelamin,
                "jabatan" => $jabatan,
                "tanggal_masuk" => $tanggal_masuk,
                "status" => $status,
                "photo" => $photo,
            );
            // simpan data
            $this->db->insert("data_pegawai",$data);
            $hasil= 0;

        }
        // jika nik ditemukan
        else
        {
            $hasil = 1;
        }
        return $hasil;
    }
}
```

Mengambil data kehadiran berdsarkan bulan dan tahun

Menyimpan data pegawai

Server → Models →Mgaji.php


```php
<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Mgaji extends CI_Model {

    function get_data($bulantahun)
    {
        return $this->db->query("SELECT data_pegawai.nik, data_pegawai.nama_pegawai, data_pegawai.jenis_kelamin,
        data_jabatan.nama_jabatan, data_jabatan.gaji_pokok, data_jabatan.tj_transport, data_jabatan.uang_makan,
        data_kehadiran.alpha FROM data_pegawai INNER JOIN data_kehadiran ON data_kehadiran.nik=data_pegawai.nik INNER JOIN
        data_jabatan ON data_jabatan.nama_jabatan=data_pegawai.jabatan WHERE data_kehadiran.bulan='$bulantahun' ORDER BY data_pegawai.nama_pegawai ASC")->result();
    }

    function save_data($data)
    {
        return $this->db->insert("potongan_gaji", $data);
    }

    function update_data($id, $data)
    {
        $where = array(
            'id' => $id
        );
        return $this->db->update("potongan_gaji", $data, $where);
    }

    function delete_data($id)
    {
        $this->db->where(array('id' => $id));
        return $this->db->delete("potongan_gaji");
    }

    function get_data_pegawai ($nik)
    {
        return $this->db->query("SELECT data_pegawai.nik, data_pegawai.nama_pegawai, data_jabatan.gaji_pokok, data_jabatan.tj_transport,
        data_jabatan.uang_makan, data_kehadiran.alpha, data_kehadiran.bulan, data_kehadiran.id_kehadiran FROM data_pegawai INNER JOIN
        data_kehadiran ON data_kehadiran.nik=data_pegawai.nik INNER JOIN data_jabatan ON data_jabatan.nama_jabatan = data_pegawai.jabatan WHERE
        data_kehadiran.nik='$nik' ORDER BY data_kehadiran.bulan DESC")->result();
    }
}
```

Mengambil data gaji berdsarkan bulan dan tahun

Update data potongan gaji berdasarkan id, menghapus data gaji berdasarkan id, dan mengambil data pegawai berdasarkan nik pegawai

Server → Models →Mjabatan.php

```php
1  <?php
2  defined('BASEPATH') OR exit('No direct script access allowed');
3
4  class MJabatan extends CI_Model {
5
6      function get_data($id)
7      {
8          $this->db->select("*");
9          $this->db->from("data_jabatan");
10         if(empty($id)) $this->db->order_by("nama_jabatan", "ASC");
11         else $this->db->where("id_jabatan = '$id'");
12         return $this->db->get()->result();
13     }
14
15     function save_data($data)
16     {
17        return $this->db->insert("data_jabatan", $data);
18     }
19
20     function update_data($id, $data)
21     {
22       $where = array(
23         'id_jabatan' => $id
24       );
25       return $this->db->update("data_jabatan", $data, $where);
26     }
27
28     function delete_data($id)
29     {
30       $where = array(
31         'id_jabatan' => $id
32       );
33     $this->db->where($where);
34       return $this->db->delete("data_jabatan");
35     }
36  }
37
```

Mengambil semua data jatabatan atau filter berdasarkan id

Update data jabatan atau delete data jabatan berdasarkan id

Server → Models →Mpegawai.php

```php
<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Mpegawai extends CI_Model {

    function get_data($id)
    {
        $this->db->select("*");
        $this->db->from("data_pegawai");
        if(empty($id)) $this->db->order_by("nama_pegawai", "ASC");
        else $this->db->where("id_pegawai = '$id'");
        return $this->db->get()->result();
    }

    function get_data_admin()
    {
        $this->db->select("*");
        $this->db->from("data_pegawai");
        $this->db->where("jabatan = 'Admin'");
        $this->db->order_by("nama_pegawai", "ASC");
        return $this->db->get()->result();
    }

    function save_data($data)
    {
        return $this->db->insert("data_pegawai", $data);
    }

    function update_data($data, $id)
    {
        $where = array(
            'id_pegawai' => $id
        );
        return $this->db->update("data_pegawai", $data, $where);
    }

    function delete_data($id)
    {
        $where = array(
            'id_pegawai' => $id
        );

        $this->db->where($where);
        return $this->db->delete("data_pegawai");
    }

    function get_login($data)
    {
        $this->db->select("*");
        $this->db->from("data_pegawai");
        $this->db->where($data);
        $data = $this->db->get()->result();
        $login = sizeof($data);
        return array('login' => $login, 'hak_akses' => $data[0]->hak_akses, 'nama_pegawai' => $data[0]->nama_pegawai, 'photo' => $data[0]->photo, 'nik' => $data[0]->nik, 'id_pegawai' => $data[0]->id_pegawai);
    }
}
```

Menagmbil data pegawai atau data admin

Menyimpan data pegawai, updata data pegawai berdasarkan id, hapus data pegawai berdasarkan id, validasi login

Server → Models →Mpotongan.php

```php
1   <?php
2   defined('BASEPATH') OR exit('No direct script access allowed');
3
4   class Mpotongan_gaji extends CI_Model {
5
6       function get_data($id)
7       {
8           $this->db->select("*");
9           $this->db->from("potongan_gaji");
10          if(empty($id)) $this->db->order_by("potongan", "ASC");
11          else $this->db->where("id = '$id'");
12          return $this->db->get()->result();
13      }
14
15      function save_data($data)
16      {
17        return $this->db->insert("potongan_gaji", $data);
18      }
19
20      function update_data($id, $data)
21      {
22        $where = array(
23          'id' => $id
24        );
25        return $this->db->update("potongan_gaji", $data, $where);
26      }
27
28      function delete_data($id)
29      {
30        $this->db->where(array('id' => $id));
31        return $this->db->delete("potongan_gaji");
32      }
33  }
34
35
```

Mengambil data potongan gaji

Menyimpan data potongan gaji, hapus dan update potongan gaji berdasarkan id

Server → Models →Ppegawai.php

```php
function get_data()
{
    //mengambil hanya nik
    //$this->db->select("nik")

    $this->db->select("id_pegawai AS id_pgw,
    nik AS nik_pgw,
    nama_pegawai AS nama_pgw,
    jenis_kelamin AS jns_klmn,
    jabatan AS jabatan_pgw,
    tanggal_masuk AS tgl_msk,
    status AS status_pgw,
    photo AS photo_pgw,
    ");

    $this->db->from("data_pegawai");
    $this->db->order_by("nik","ASC");

    $query = $this->db->get()->result();
    return $query;

}

// buat fungsi untuk simpan data
function save_data($nik,$nama_pegawai,$jenis_kelamin,$jabatan,$tanggal_masuk,$status,$photo,$token)
{
    // cek apakah nik ada/tidak
    $this->db->select("nik");
    $this->db->from("data_pegawai");
    $this->db->where("TO_BASE64(nik) = '$token'");
    //eksekusi query
    $query = $this->db->get()->result();
    //jika nik ditemukan
    if(count($query) == 0)
    {
        // isi nilai untuk masing2 field
        $data = array(
            "nik" => $nik,
            "nama_pegawai" => $nama_pegawai,
            "jenis_kelamin" => $jenis_kelamin,
            "jabatan" => $jabatan,
            "tanggal_masuk" => $tanggal_masuk,
            "status" => $status,
            "photo" => $photo,
        );
        // simpan data
        $this->db->insert("data_pegawai",$data);
        $hasil= 0;

    }
    // jika nik ditemukan
    else
    {
        $hasil = 1;
    }
    return $hasil;
}
```

mengambil data pegawai

menyimpan data pegawai

Client → Controllers → Admin →Dashboard.php

```php
1   <?php
2
3   class Dashboard extends CI_Controller{
4
5       public function __construct(){
6           parent::__construct();
7
8           if ($this->session->userdata('hak_akses') != '1'){
9               $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
10                  <strong>Anda belum login!</strong>
11                  <button type="button" class="close" data-dismiss="alert" aria-label="Close">
12                      <span aria-hidden="true">&times;</span>
13                  </button>
14                  </div>');
15              redirect("/");
16          }
17      }
18
19      public function index()
20      {
21          $data['title'] = "Dashboard";
22
23          $jabatan = json_decode($this->client->simple_get(API_DATA_JABATAN));
24          $kehadiran = json_decode($this->client->simple_get(API_DATA_ABSEN));
25          $pegawai = json_decode($this->client->simple_get(API_DATA_PEGAWAI));
26
27          $data['admin'] = $pegawai->admin_jumlah;
28          $data['pegawai'] = $pegawai->pegawai_jumlah;
29          $data['jabatan'] = $jabatan->jabatan_jumlah;
30          $data['kehadiran'] = $kehadiran->kehadiran_jumlah;
31
32          $this->load->view('templates_admin/header',$data);
33          $this->load->view('templates_admin/sidebar');
34          $this->load->view('admin/dashboard',$data);
35          $this->load->view('templates_admin/footer');
36      }
37  }
38
39  ?>
```

Memeriksa hak akses dashboar admin

Menampilkan tampilah dashboard admin

Client → Controllers → Admin →DataAbsen.php

```php
<?php

class DataAbsen extends CI_Controller{

    public function __construct(){
        parent::__construct();

        if ($this->session->userdata('hak_akses') != '1'){
            $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
                <strong>Anda belum login!</strong>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                </div>');
            redirect("/");
        }
    }

    public function index()
    {
        $bulan = date('m');
        $tahun = date('Y');
        $bulantahun = $bulan . $tahun;

        if (empty($this->input->get('bulan'))) $send = array('bulantahun' => $bulan . $this->input->get('tahun'));
        else if (empty($this->input->get('tahun'))) $send = array('bulantahun' => $this->input->get('bulan') . $tahun);
        else if(!empty($this->input->get('bulan')) && !empty($this->input->get('bulan'))) $send = array('bulantahun' => $this->input->get('bulan') . $this->input->get('tahun'));
        else $send = array('bulantahun' => $bulantaun);

        $data['title'] = "Data Absen";
        $jabatan = json_decode($this->client->simple_get(API_DATA_ABSEN, $send));
        $data['absen'] = $jabatan->absen;

        $this->load->view('templates_admin/header',$data);
        $this->load->view('templates_admin/sidebar');
        $this->load->view('admin/data_absen',$data);
        $this->load->view('templates_admin/footer');
    }

    public function tambah_data()
    {
        $send = array('id' => "");
        $data['title'] = "Tambah Data Pegawai";
        $data['jabatan'] = json_decode($this->client->simple_get(API_DATA_JABATAN, $send))->jabatan;
        $this->load->view('templates_admin/header',$data);
        $this->load->view('templates_admin/sidebar');
        $this->load->view('admin/tambah_pegawai',$data);
        $this->load->view('templates_admin/footer');
    }
```

Memeriksa gak akses admin di menu data absen

Menampilakn data absen berdasarkan bulan dan tahun, menampilkan tambah data pegawai

```php
    public function tambah_data_aksi()
    {
        $this->_rules();

        if ($this->form_validation->run() == FALSE){
            $this->tambah_data();
        } else {
            $nik = $this->input->post('nik');
            $nama_pegawai = $this->input->post('nama_pegawai');
            $jenis_kelamin = $this->input->post('jenis_kelamin');
            $tangga_masuk = $this->input->post('tangga_masuk');
            $jabatan = $this->input->post('jabatan');
            $status = $this->input->post('status');
            $photo = $_FILES['photo']['name'];

            if($photo= ''){

            } else {
                $config['upload_path'] = './ext/photo';
                $config['allowed_types'] = 'jpg|jpeg|png|tiff';
                $this->load->library('upload', $config);
                if(!$this->upload->do_upload('photo')){
                    echo "Photo Gagal diupload!";
                } else {
                    $photo = $this->upload->data('file_name');
                }
            }

            $data = array(
                'nik'           => $this->input->post('nik'),
                'nama_pegawai'  => $this->input->post('nama_pegawai'),
                'jenis_kelamin' => $this->input->post('jenis_kelamin'),
                'jabatan'       => $this->input->post('jabatan'),
                'tanggal_masuk' => $this->input->post('tanggal_masuk'),
                'status'        => $this->input->post('status'),
                'photo'         => $photo
            );

            $response = json_decode($this->client->simple_post(API_DATA_PEGAWAI, $data));
            if ($response->pesan){
                $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
                <strong>Data berhasil ditambahkan</strong>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                </div>');
            } else {
                $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
                <strong>Data gagal ditambahkan</strong>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                </div>');
            }

            $this->index();
        }
    }
```

verlidasi tambah data pegawai

menyimpan data pegawai yang sudah di validasi ke database

```php
public function update_data_aksi()
{
    $this->_rules();

    if ($this->form_validation->run() == FALSE){
        $this->index();
    } else {
        $id_pegawai = $this->input->post('id_pegawai');
        $nik = $this->input->post('nik');
        $nama_pegawai = $this->input->post('nama_pegawai');
        $jenis_kelamin = $this->input->post('jenis_kelamin');
        $tangga_masuk = $this->input->post('tangga_masuk');
        $jabatan = $this->input->post('jabatan');
        $status = $this->input->post('status');
        $photo = $_FILES['photo']['name'];

        if($photo){
            $config['upload_path'] = './ext/photo';
            $config['allowed_types'] = 'jpg|jpeg|png|tiff';
            $this->load->library('upload', $config);
            if($this->upload->do_upload('photo')){
                $photo = $this->upload->data('file_name');

            } else {
                echo $this->upload->display_errors();
            }
        }

        $data = array(
            'id_pegawai'    => $this->input->post('id_pegawai'),
            'nik'           => $this->input->post('nik'),
            'nama_pegawai'  => $this->input->post('nama_pegawai'),
            'jenis_kelamin' => $this->input->post('jenis_kelamin'),
            'jabatan'       => $this->input->post('jabatan'),
            'tanggal_masuk' => $this->input->post('tanggal_masuk'),
            'status'        => $this->input->post('status'),
            'photo'         => $photo
        );

        $response = json_decode($this->client->simple_post(API_DATA_PEGAWAI . 'Update', $data));
        if ($response->pesan){
            $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
            <strong>Data berhasil diUpdate</strong>
            <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                <span aria-hidden="true">&times;</span>
            </button>
            </div>');
        } else {
            $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
            <strong>Data gagal diUpdate</strong>
            <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                <span aria-hidden="true">&times;</span>
            </button>
            </div>');
        }

        $this->index();
    }
}
```

validasi updatae data pegawai

mengimkan data update dan id pegawai ke api untuk di update

```php
187
188     public function delete_data($id)
189     {
190         $data = array(
191             'id_pegawai' => $id
192         );
193
194         $response = json_decode($this->client->simple_get(API_DATA_PEGAWAI . 'Update', $data));
195         if ($response->pesan){
196             $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
197             <strong>Data berhasil dihapus</strong>
198             <button type="button" class="close" data-dismiss="alert" aria-label="Close">
199                 <span aria-hidden="true">&times;</span>
200             </button>
201             </div>');
202         } else {
203             $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
204             <strong>Data gagal dihapus</strong>
205             <button type="button" class="close" data-dismiss="alert" aria-label="Close">
206                 <span aria-hidden="true">&times;</span>
207             </button>
208             </div>');
209         }
210
211         $this->index();
212     }
213
214     public function _rules(){
215         $this->form_validation->set_rules('nik', 'NIK', 'required');
216         $this->form_validation->set_rules('nama_pegawai', 'Nama Pegawai', 'required');
217         $this->form_validation->set_rules('jenis_kelamin', 'Jenis Kelamin', 'required');
218         $this->form_validation->set_rules('tanggal_masuk', 'Tanggal Masuk', 'required');
219         $this->form_validation->set_rules('jabatan', 'Jabatan', 'required');
220         $this->form_validation->set_rules('status', 'Status', 'required');
221     }
222 }
223
224 ?>
```

Menghapsu data pegawai berdasarkan id

Validasi data pegawai

Client → Controllers → Admin →DataGaji.php

```php
<?php

class DataGaji extends CI_Controller{

    public function __construct(){
        parent::__construct();

        if ($this->session->userdata('hak_akses') != '1'){
            $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
                <strong>Anda belum login!</strong>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                </div>');
            redirect("/");
        }
    }

    public function index()
    {
        $bulan = date('m');
        $tahun = date('Y');
        $bulantaun = $bulan . $tahun;

        if(!empty($this->input->get('bulan')) && !empty($this->input->get('bulan'))) $send = array('bulantahun' => $this->input->get('bulan') . $this->input->get('tahun'));
        else $send = array('bulantahun' => $bulantaun);

        $potonganGaji = json_decode($this->client->simple_get(API_POTONGAN_GAJI, $send));
        $data['potongan_gaji'] = $potonganGaji->potongan_gaji[0]->jml_potongan;

        $data['title'] = "Data Gaji Pegawai";
        $gaji = json_decode($this->client->simple_get(API_DATA_GAJI, $send));
        $data['gaji'] = $gaji->gaji;

        $this->load->view('templates_admin/header',$data);
        $this->load->view('templates_admin/sidebar');
        $this->load->view('admin/data_gaji',$data);
        $this->load->view('templates_admin/footer');
    }
}

?>
```

Memeriksa hak akses amdin sebelum masuk ke tampilan data gaji

Menampilkan semua data gaji

Client → Controllers → Admin →DataJabatan.php

```php
1   <?php
2
3   class DataJabatan extends CI_Controller{
4
5       public function __construct(){
6           parent::__construct();
7
8           if ($this->session->userdata('hak_akses') != '1'){
9               $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
10                  <strong>Anda belum login!</strong>
11                  <button type="button" class="close" data-dismiss="alert" aria-label="Close">
12                      <span aria-hidden="true">&times;</span>
13                  </button>
14                  </div>');
15              redirect("/");
16          }
17      }
18
19      public function index()
20      {
21          $send = array('id' => "");
22          $data['title'] = "Data Jabatan";
23          $jabatan = json_decode($this->client->simple_get(API_DATA_JABATAN, $send));
24          $data['jabatan'] = $jabatan->jabatan;
25
26          $this->load->view('templates_admin/header',$data);
27          $this->load->view('templates_admin/sidebar');
28          $this->load->view('admin/data_jabatan',$data);
29          $this->load->view('templates_admin/footer');
30      }
31
32      public function tambah_data()
33      {
34          $data['title'] = "Tambah Data Jabatan";
35          $this->load->view('templates_admin/header',$data);
36          $this->load->view('templates_admin/sidebar');
37          $this->load->view('admin/tambah_jabatan',$data);
38          $this->load->view('templates_admin/footer');
39      }
40
```

Memeriksa hak akses admin sebelum masuk ke data jabatan

Menampilkan smeua data jabatan

```
40
41    public function tambah_data_aksi()
42    {
43        $this->_rules();
44
45        if ($this->form_validation->run() == FALSE){
46            $this->tambah_data();
47        } else {
48            $nama_jabatan = $this->input->post('nama_jabatan');
49            $gaji_pokok = $this->input->post('gaji_pokok');
50            $tj_transport = $this->input->post('tj_transport');
51            $uang_makan = $this->input->post('uang_makan');
52
53            $data = array(
54                'nama_jabatan' => $this->input->post('nama_jabatan'),
55                'gaji_pokok' => $this->input->post('gaji_pokok'),
56                'tj_transport' => $this->input->post('tj_transport'),
57                'uang_makan' => $this->input->post('uang_makan')
58            );
59
60            $response = json_decode($this->client->simple_post(API_DATA_JABATAN, $data));
61            if ($response->pesan){
62                $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
63                <strong>Data berhasil ditambahkan</strong>
64                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
65                    <span aria-hidden="true">&times;</span>
66                </button>
67                </div>');
68            } else {
69                $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
70                <strong>Data gagal ditambahkan</strong>
71                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
72                    <span aria-hidden="true">&times;</span>
73                </button>
74                </div>');
75            }
76
77            $this->index();
78        }
79    }
80
81    public function update_data($id)
82    {
83        $send = array('id' => $id);
84        $response = json_decode($this->client->simple_get(API_DATA_JABATAN, $send));
85        $data['jabatan'] = $response->jabatan;
86        $data['title'] = "Update Data Jabatan";
87        $this->load->view('templates_admin/header',$data);
88        $this->load->view('templates_admin/sidebar');
89        $this->load->view('admin/update_jabatan',$data);
90        $this->load->view('templates_admin/footer');
91    }
92
```

Menampilakan tambah data jabatan ke data base

Tampilan update jabatan

```php
    public function update_data_aksi()
    {
        $this->_rules();

        if ($this->form_validation->run() == FALSE){
            $this->index();
        } else {
            $id = $this->input->post('id_jabatan');
            $nama_jabatan = $this->input->post('nama_jabatan');
            $gaji_pokok = $this->input->post('gaji_pokok');
            $tj_transport = $this->input->post('tj_transport');
            $uang_makan = $this->input->post('uang_makan');

            $data = array(
                'id_jabatan' => $this->input->post('id_jabatan'),
                'nama_jabatan' => $this->input->post('nama_jabatan'),
                'gaji_pokok' => $this->input->post('gaji_pokok'),
                'tj_transport' => $this->input->post('tj_transport'),
                'uang_makan' => $this->input->post('uang_makan')
            );

            $response = json_decode($this->client->simple_post(API_DATA_JABATAN . 'Update', $data));
            if ($response->pesan){
                $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
                <strong>Data berhasil diupdate</strong>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                </div>');
            } else {
                $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
                <strong>Data gagal diupdate</strong>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                </div>');
            }

            $this->index();
        }
    }

    public function delete_data($id)
    {
        $data = array(
            'id_jabatan' => $id
        );

        $response = json_decode($this->client->simple_get(API_DATA_JABATAN . 'Update', $data));
        if ($response->pesan){
            $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
            <strong>Data berhasil dihapus</strong>
            <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                <span aria-hidden="true">&times;</span>
            </button>
            </div>');
        } else {
            $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
            <strong>Data gagal dihapus</strong>
            <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                <span aria-hidden="true">&times;</span>
            </button>
            </div>');
        }

        $this->index();
    }

    public function _rules(){
        $this->form_validation->set_rules('nama_jabatan', 'nama jabatan', 'required');
        $this->form_validation->set_rules('gaji_pokok', 'gaji pokok', 'required');
        $this->form_validation->set_rules('tj_transport', 'tunjangan transport', 'required');
        $this->form_validation->set_rules('uang_makan', 'uang makan', 'required');
    }
}
?>
```

Memeriksa data update dan melanjutkan kirim kea pi untuk di update di data base

melakukan delte data jabatan berdasarkan idi yang dikirim ke server

Client → Controllers → Admin → DataPegawai.php

```php
1    <?php
2
3  v class DataPegawai extends CI_Controller{
4
5        public function __construct(){
6            parent::__construct();
7
8            if ($this->session->userdata('hak_akses') != '1'){
9                $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
10                   <strong>Anda belum login!</strong>
11                   <button type="button" class="close" data-dismiss="alert" aria-label="Close">
12                       <span aria-hidden="true">&times;</span>
13                   </button>
14                   </div>');
15               redirect("/");
16           }
17       }
18
19       public function index()
20       {
21           $send = array('id' => "");
22           $data['title'] = "Data Pegawai";
23           $jabatan = json_decode($this->client->simple_get(API_DATA_PEGAWAI, $send));
24           $data['pegawai'] = $jabatan->pegawai;
25
26           $this->load->view('templates_admin/header',$data);
27           $this->load->view('templates_admin/sidebar');
28           $this->load->view('admin/data_pegawai',$data);
29           $this->load->view('templates_admin/footer');
30       }
31
32       public function tambah_data()
33       {
34           $send = array('id' => "");
35           $data['title'] = "Tambah Data Pegawai";
36           $data['jabatan'] = json_decode($this->client->simple_get(API_DATA_JABATAN, $send))->jabatan;
37           $this->load->view('templates_admin/header',$data);
38           $this->load->view('templates_admin/sidebar');
39           $this->load->view('admin/tambah_pegawai',$data);
40           $this->load->view('templates_admin/footer');
41       }
42
```

Cek hak akses data pegawai admin

Load tampilan tambah data pegawai

```php
public function tambah_data_aksi()
{
    $this->_rules();

    if ($this->form_validation->run() == FALSE){
        $this->tambah_data();
    } else {
        $nik = $this->input->post('nik');
        $nama_pegawai = $this->input->post('nama_pegawai');
        $jenis_kelamin = $this->input->post('jenis_kelamin');
        $tangga_masuk = $this->input->post('tangga_masuk');
        $username = $this->input->post('username');
        $password = $this->input->post('password');
        $jabatan = $this->input->post('jabatan');
        $status = $this->input->post('status');
        $hak_akses = $this->input->post('hak_akses');
        $photo = $_FILES['photo']['name'];

        if($photo= ''){

        } else {
            $config['upload_path'] = './ext/photo';
            $config['allowed_types'] = 'jpg|jpeg|png|tiff';
            $this->load->library('upload', $config);
            if(!$this->upload->do_upload('photo')){
                echo "Photo Gagal diupload!";
            } else {
                $photo = $this->upload->data('file_name');
            }
        }

        $data = array(
            'nik'            => $this->input->post('nik'),
            'nama_pegawai'   => $this->input->post('nama_pegawai'),
            'jenis_kelamin'  => $this->input->post('jenis_kelamin'),
            'jabatan'        => $this->input->post('jabatan'),
            'tanggal_masuk'  => $this->input->post('tanggal_masuk'),
            'status'         => $this->input->post('status'),
            'hak_akses'      => $this->input->post('hak_akses'),
            'username'       => $this->input->post('username'),
            'password'       => $this->input->post('password'),
            'photo'          => $photo
        );

        $response = json_decode($this->client->simple_post(API_DATA_PEGAWAI, $data));
        if ($response->pesan){
            $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
            <strong>Data berhasil ditambahkan</strong>
            <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                <span aria-hidden="true">&times;</span>
            </button>
            </div>');
        } else {
            $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
            <strong>Data gagal ditambahkan</strong>
            <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                <span aria-hidden="true">&times;</span>
            </button>
            </div>');
        }

        $this->index();
    }
}
```

Aksi tambah data pegawai

```php
public function update_data($id)
{
    $send = array('id' => "");
    $response = json_decode($this->client->simple_get(API_DATA_JABATAN, $send));
    $data['jabatan'] = $response->jabatan;

    $send = array('id' => $id);
    $response = json_decode($this->client->simple_get(API_DATA_PEGAWAI, $send));
    $data['pegawai'] = $response->pegawai;

    $data['title'] = "Update Data Pegawai";
    $this->load->view('templates_admin/header',$data);
    $this->load->view('templates_admin/sidebar');
    $this->load->view('admin/update_pegawai',$data);
    $this->load->view('templates_admin/footer');
}
```

Tampilan update data pegawai

```php
124
125    public function update_data_aksi()
126    {
127        $this->_rules();
128
129        if ($this->form_validation->run() == FALSE){
130            $this->index();
131        } else {
132            $id_pegawai = $this->input->post('id_pegawai');
133            $nik = $this->input->post('nik');
134            $nama_pegawai = $this->input->post('nama_pegawai');
135            $jenis_kelamin = $this->input->post('jenis_kelamin');
136            $tangga_masuk = $this->input->post('tangga_masuk');
137            $jabatan = $this->input->post('jabatan');
138            $username = $this->input->post('username');
139            $password = $this->input->post('password');
140            $status = $this->input->post('status');
141            $hak_akses = $this->input->post('hak_akses');
142            $photo = $_FILES['photo']['name'];
143
144            if($photo){
145                $config['upload_path'] = './ext/photo';
146                $config['allowed_types'] = 'jpg|jpeg|png|tiff';
147                $this->load->library('upload', $config);
148                if($this->upload->do_upload('photo')){
149                    $photo = $this->upload->data('file_name');
150
151                } else {
152                    echo $this->upload->display_errors();
153                }
154            }
155
156            $data = array(
157                'id_pegawai'    => $this->input->post('id_pegawai'),
158                'nik'           => $this->input->post('nik'),
159                'nama_pegawai'  => $this->input->post('nama_pegawai'),
160                'jenis_kelamin' => $this->input->post('jenis_kelamin'),
161                'jabatan'       => $this->input->post('jabatan'),
162                'tanggal_masuk' => $this->input->post('tanggal_masuk'),
163                'status'        => $this->input->post('status'),
164                'hak_akses'     => $this->input->post('hak_akses'),
165                'username'      => $this->input->post('username'),
166                'password'      => $this->input->post('password'),
167                'photo'         => $photo
168            );
169
170            $response = json_decode($this->client->simple_post(API_DATA_PEGAWAI . 'Update', $data));
171            if ($response->pesan){
172                $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
173                <strong>Data berhasil diUpdate</strong>
174                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
175                    <span aria-hidden="true">&times;</span>
176                </button>
177                </div>');
178            } else {
179                $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
180                <strong>Data gagal diUpdate</strong>
181                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
182                    <span aria-hidden="true">&times;</span>
183                </button>
184                </div>');
185            }
186
187            $this->index();
188        }
189    }
```

Aksi update data

Validasi update data

```php
public function delete_data($id)
{
    $data = array(
        'id_pegawai' => $id
    );

    $response = json_decode($this->client->simple_get(API_DATA_PEGAWAI . 'Update', $data));
    if ($response->pesan){
        $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
        <strong>Data berhasil dihapus</strong>
        <button type="button" class="close" data-dismiss="alert" aria-label="Close">
            <span aria-hidden="true">&times;</span>
        </button>
        </div>');
    } else {
        $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
        <strong>Data gagal dihapus</strong>
        <button type="button" class="close" data-dismiss="alert" aria-label="Close">
            <span aria-hidden="true">&times;</span>
        </button>
        </div>');
    }

    $this->index();
}

public function _rules(){
    $this->form_validation->set_rules('nik', 'NIK', 'required');
    $this->form_validation->set_rules('nama_pegawai', 'Nama Pegawai', 'required');
    $this->form_validation->set_rules('jenis_kelamin', 'Jenis Kelamin', 'required');
    $this->form_validation->set_rules('tanggal_masuk', 'Tanggal Masuk', 'required');
    $this->form_validation->set_rules('jabatan', 'Jabatan', 'required');
    $this->form_validation->set_rules('status', 'Status', 'required');
    $this->form_validation->set_rules('hak_akses', 'Hak Akses', 'required');
    $this->form_validation->set_rules('username', 'Username', 'required');
    $this->form_validation->set_rules('password', 'Password', 'required');
}
}
?>
```

Hapus data pegawai

Cek update data dan tambah data di form

Client → Controllers → Admin →PotonganGaji.php

```php
1   <?php
2
3   class PotonganGaji extends CI_Controller{
4
5       public function __construct(){
6           parent::__construct();
7
8           if ($this->session->userdata('hak_akses') != '1'){
9               $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
10                  <strong>Anda belum login!</strong>
11                  <button type="button" class="close" data-dismiss="alert" aria-label="Close">
12                      <span aria-hidden="true">&times;</span>
13                  </button>
14                  </div>');
15              redirect("/");
16          }
17      }
18
19      public function index()
20      {
21          $send = array(
22                  'id'   => $this->input->post('id')
23          );
24          $data['title'] = "Potongan Gaji";
25          $potonganGaji = json_decode($this->client->simple_get(API_POTONGAN_GAJI, $send));
26          $data['potongan_gaji'] = $potonganGaji->potongan_gaji;
27
28          $this->load->view('templates_admin/header',$data);
29          $this->load->view('templates_admin/sidebar');
30          $this->load->view('admin/potongan_gaji',$data);
31          $this->load->view('templates_admin/footer');
32      }
33
34      public function tambah_data()
35      {
36          $data['title'] = "Tambah Potongan Gaji";
37          $this->load->view('templates_admin/header',$data);
38          $this->load->view('templates_admin/sidebar');
39          $this->load->view('admin/tambah_potongan_gaji',$data);
40          $this->load->view('templates_admin/footer');
41      }
42
```

Cek hak akses admin, dan load tampilan potongan gaji

Load tampilan potongan gaji

```php
public function tambah_data_aksi()
{
    $this->_rules();

    if ($this->form_validation->run() == FALSE){
        $this->tambah_data();
    } else {
        $jumlah_potongan = $this->input->post('jumlah_potongan');
        $jenis_potongan = $this->input->post('jenis_potongan');

        $data = array(
            'jumlah_potongan'    => $this->input->post('jumlah_potongan'),
            'jenis_potongan'     => $this->input->post('jenis_potongan')
        );

        $response = json_decode($this->client->simple_post(API_POTONGAN_GAJI, $data));
        if ($response->pesan){
            $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
            <strong>Data berhasil ditambahkan</strong>
            <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                <span aria-hidden="true">&times;</span>
            </button>
            </div>');
        } else {
            $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
            <strong>Data gagal ditambahkan</strong>
            <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                <span aria-hidden="true">&times;</span>
            </button>
            </div>');
        }

        $this->index();
    }
}

public function update_data($id)
{
    $send = array('id' => $id);
    $response = json_decode($this->client->simple_get(API_POTONGAN_GAJI, $send));
    $data['potongan_gaji'] = $response->potongan_gaji;

    $data['title'] = "Update Potongan Gaji";
    $this->load->view('templates_admin/header',$data);
    $this->load->view('templates_admin/sidebar');
    $this->load->view('admin/update_potongan_gaji',$data);
    $this->load->view('templates_admin/footer');
}
```

Aksi tambah dari tampilan tambah potongan gaji

Update potongan gaji admin

```php
    public function update_data_aksi()
    {
        $this->_rules();

        if ($this->form_validation->run() == FALSE){
            $this->index();
        } else {
            $id = $this->input->post('id');
            $data = array(
                'jumlah_potongan'   => $this->input->post('jumlah_potongan'),
                'jenis_potongan'    => $this->input->post('jenis_potongan'),
                'id'                => $this->input->post('id')
            );

            $response = json_decode($this->client->simple_post(API_POTONGAN_GAJI . 'Update', $data));
            if ($response->pesan){
                $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
                <strong>Data berhasil diUpdate</strong>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                </div>');
            } else {
                $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
                <strong>Data gagal diUpdate</strong>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                </div>');
            }

            $this->index();
        }
    }

    public function delete_data($id)
    {
        $data = array(
            'id' => $id
        );

        $response = json_decode($this->client->simple_get(API_POTONGAN_GAJI . 'Update', $data));
        if ($response->pesan){
            $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
            <strong>Data berhasil dihapus</strong>
            <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                <span aria-hidden="true">&times;</span>
            </button>
            </div>');
        } else {
            $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
            <strong>Data gagal dihapus</strong>
            <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                <span aria-hidden="true">&times;</span>
            </button>
            </div>');
        }

        $this->index();
    }

    public function _rules(){
        $this->form_validation->set_rules('jenis_potongan', 'Jenis Potongan', 'required');
        $this->form_validation->set_rules('jumlah_potongan', 'Jumlah Potongan', 'required');
    }
}
```

Update data aksi untuk potongan gaji

Validasi potongan gaji input dan update

Client → Controller → Pegawai →Dashboard.php

```php
<?php

class Dashboard extends CI_Controller{

    public function __construct(){
        parent::__construct();

        if ($this->session->userdata('hak_akses') != '2'){
            $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
                <strong>Anda belum login!</strong>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                </div>');
            redirect("/");
        }
    }

    public function index()
    {
        $data['title'] = "Dashboard";
        $send = array('id' => $this->session->userdata('id_pegawai'));
        $pegawai = json_decode($this->client->simple_get(API_DATA_PEGAWAI, $send));
        $data['pegawai'] = $pegawai->pegawai;

        $this->load->view('templates_admin/header',$data);
        $this->load->view('templates_admin/sidebar');
        $this->load->view('pegawai/dashboard',$data);
        $this->load->view('templates_admin/footer');
    }
}

?>
```

Memeriksa hak akses pegawai

Menampilkan dashboard pegawai

Client → Controllers → Pegawai →DataGaji.php

```php
<?php

class DataGaji extends CI_Controller{

    public function __construct(){
        parent::__construct();

        if ($this->session->userdata('hak_akses') != '2'){
            $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
                <strong>Anda belum login!</strong>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                </div>');
            redirect("/");
        }
    }

    public function index()
    {
        $data['title'] = "Data Gaji Pegawai";
        $gaji = json_decode($this->client->simple_get(API_VALIDASI, array('nik' => $this->session->userdata('nik'))));
        $potonganGaji = json_decode($this->client->simple_get(API_POTONGAN_GAJI));
        $data['gaji'] = $gaji->gaji;
        $data['potongan_gaji'] = $potonganGaji->potongan_gaji[0]->jml_potongan;
        $this->load->view('templates_admin/header',$data);
        $this->load->view('templates_admin/sidebar');
        $this->load->view('pegawai/data_gaji',$data);
        $this->load->view('templates_admin/footer');
    }
}
?>
```

Cek hak akses untuk pegawai

Menampilkan data gaji pegawai

Client → Controllers → gantipassword.php

```php
<?php

class GantiPassword extends CI_Controller{

    public function index()
    {
        $data['title'] = "Ganti Password";
        $this->load->view('templates_admin/header', $data);
        $this->load->view('templates_admin/sidebar');
        $this->load->view('ganti_password', $data);
        $this->load->view('templates_admin/footer');
    }

    public function ganti_password_aksi()
    {
        $this->_rules();
        if ($this->form_validation->run() != FALSE){
            $data = array('password_baru' => $this->input->post('password_baru'), 'id_pegawai' => $this->session->userdata('id_pegawai'));

            $response = json_decode($this->client->simple_post(API_UPDATE_PASSWORD, $data));
            if($response->pesan) {
                $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
                <strong>Password Berhasil diUbah</strong>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                </div>');
            } else {
                $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
                <strong>Password Gagal diUbah</strong>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                </div>');
            }

            redirect("GantiPassword");
        } else {
            $this->index();
        }
    }

    public function _rules(){
        $this->form_validation->set_rules('password_baru', 'Password Baru', 'required|matches[ulangi_password]');
        $this->form_validation->set_rules('ulangi_password', 'Ulangi Password', 'required');
    }
}

?>
```

Fungsi untuk mengubah password

Validasi ubah password

Client → Controllers → Welcome.php

```php
<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Welcome extends CI_Controller {

    public function index()
    {
        $this->_rules();
        if ($this->form_validation->run() == FALSE){
            $data['title'] = "Form - Login";
            $this->load->view('templates_admin/header',$data);
            $this->load->view('welcome_message',$data);
        } else {
            $send = array('username' => $this->input->post('username'), 'password' => $this->input->post('password'));
            $check = json_decode($this->client->simple_post(API_VALIDASI, $send));
            if ($check->login == 1){
                $this->session->set_userdata('hak_akses', $check->hak_akses);
                $this->session->set_userdata('nama_pegawai', $check->nama_pegawai);
                $this->session->set_userdata('photo', $check->photo);
                $this->session->set_userdata('id_pegawai', $check->id_pegawai);
                $this->session->set_userdata('nik', $check->nik);
                switch($check->hak_akses){
                    case 1:
                        redirect("/admin/Dashboard");
                        break;
                    case 2:
                        redirect("/pegawai/Dashboard");
                        break;

                    default:
                        break;
                }
            } else {
                $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
                <strong>Username atau password Salah</strong>
                <button type="button" class="close" data-dismiss="alert" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                </div>');
                redirect("/");
            }
        }
    }

    public function _rules(){
        $this->form_validation->set_rules('username', 'Username', 'required');
        $this->form_validation->set_rules('password', 'Password', 'required');
    }

    public function logout()
    {
        $this->session->sess_destroy();
        redirect('Welcome');
    }
}
```

Menampilkan tampilan login dan validasi

Vaidasi login dan logout

Client → Views → Admin → DataJabatan.php

```php
1  <div class="container-fluid">
2      <div class="d-sm-flex align-items-center justify-content-between mb-4">
3          <h1 class="h3 mb-0 text-gray-800"><?php echo $title ?> </h1>
4
5      </div>
6
7      <a class="btn btn-sm btn-success mb-3" href="<?= base_url('admin/DataJabatan/tambah_data') ?>">
8          <i class="fas fa-plus"> Tambah Data</i>
9      </a>
10
11     <?= $this->session->flashdata('pesan') ?>
12
13     <table class="table table-bordered table-striped" id="dataTable" width="100%" cellspacing="0" style="margin-bottom: 100px">
14         <thead>
15             <tr>
16                 <th>No</th>
17                 <th>Nama Jabatan</th>
18                 <th>Gaji Pokok</th>
19                 <th>Tj. Transport</th>
20                 <th>Uang Makan</th>
21                 <th>Total</th>
22                 <th>Action</th>
23             </tr>
24         </thead>
25         <tfoot>
26             <tr>
27                 <th>No</th>
28                 <th>Nama Jabatan</th>
29                 <th>Gaji Pokok</th>
30                 <th>Tj. Transport</th>
31                 <th>Uang Makan</th>
32                 <th>Total</th>
33                 <th>Action</th>
34             </tr>
35         </tfoot>
36         <tbody>
37
38             <?php $no = 0; foreach($jabatan as $j){ $no++ ?>
39                 <tr>
40                     <td><?= $no ?></td>
41                     <td><?= $j->nama_jabatan ?></td>
42                     <td><?= 'Rp. ' . number_format($j->gaji_pokok, 0, ',', '.') ?></td>
43                     <td><?= 'Rp. ' . number_format($j->tj_transport, 0, ',', '.') ?></td>
44                     <td><?= 'Rp. ' . number_format($j->uang_makan, 0, ',', '.') ?></td>
45                     <td><?= 'Rp. ' . number_format(($j->gaji_pokok + $j->tj_transport + $j->gaji_pokok), 0, ',', '.') ?></td>
46                     <td>
47                         <center>
48                             <a class="btn btn-sm btn-primary" href="<?= base_url('admin/DataJabatan/update_data/' . $j->id_jabatan) ?>">
49                                 <i class="fas fa-edit"></i>
50                             </a>
51                             <a onclick="return confirm('Yakin Hapus?')" class="btn btn-sm btn-danger" href="<?= base_url('admin/DataJabatan/delete_data/' . $j->id_jabatan) ?>">
52                                 <i class="fas fa-trash"></i>
53                             </a>
54                         </center>
55                     </td>
56                 </tr>
57             <?php } ?>
58         </tbody>
59     </table>
60
61 </div>
```

Alert pesan dan tombol tambah data jabatan

Menampilkan data jabatan

Client → Views → Admin →potongan_gaji.php

```
1  <div class="container-fluid">
2      <div class="d-sm-flex align-items-center justify-content-between mb-4">
3          <h1 class="h3 mb-0 text-gray-800"><?php echo $title ?> </h1>
4
5      </div>
6
7      <a class="btn btn-sm btn-success mb-3" href="<?= base_url('admin/PotonganGaji/tambah_data') ?>">
8          <i class="fas fa-plus"> Tambah Data</i>
9      </a>
10
11     <?= $this->session->flashdata('pesan') ?>
12
13     <table class="table table-bordered table-striped" id="dataTable" width="100%" cellspacing="0" style="margin-bottom: 100px">
14         <thead>
15             <tr>
16                 <th>No</th>
17                 <th>Jenis Potongan</th>
18                 <th>Jumlah Potongan</th>
19                 <th>Action</th>
20             </tr>
21         </thead>
22         <tfoot>
23             <tr>
24                 <th>No</th>
25                 <th>Jenis Potongan</th>
26                 <th>Jumlah Potongan</th>
27                 <th>Action</th>
28             </tr>
29         </tfoot>
30         <tbody>
31
32             <?php $no = 0; foreach($potongan_gaji as $j){ $no++ ?>
33             <tr>
34                 <td><?= $no ?></td>
35                 <td><?= $j->potongan ?></td>
36                 <td><?= 'Rp. ' . number_format($j->jml_potongan, 0 , ',', '.') ?></td>
37                 <td>
38                     <center>
39                         <a class="btn btn-sm btn-primary" href="<?= base_url('admin/PotonganGaji/update_data/' . $j->id) ?>">
40                             <i class="fas fa-edit"></i>
41                         </a>
42                         <a onclick="return confirm('Yakin Hapus?')" class="btn btn-sm btn-danger" href="<?= base_url('admin/PotonganGaji/delete_data/' . $j->id) ?>">
43                             <i class="fas fa-trash"></i>
44                         </a>
45                     </center>
46                 </td>
47             </tr>
48             <?php } ?>
49         </tbody>
50     </table>
51
52 </div>
```

Alert pesan dan tombol tambah potongan gaji

Menampilkan potongan gaji

Client → Views → Admin →tambah_jabatan.php

```
1   <div class="container-fluid">
2       <div class="d-sm-flex align-items-center justify-content-between mb-4">
3           <h1 class="h3 mb-0 text-gray-800"><?php echo $title ?> </h1>
4
5       </div>
6
7       <div class="card">
8           <div class="card-body" style="width: 70%; margin-bottom: 80px">
9               <form action="<?= base_url('/admin/DataJabatan/tambah_data_aksi') ?>" method="post">
10                  <div class="form-group">
11                      <label>Nama Jabatan</label>
12                      <input type="text" name="nama_jabatan" class="form-control">
13                      <?= form_error('nama_jabatan', '<div class="text-small text-danger"></div>') ?>
14                  </div>
15
16                  <div class="form-group">
17                      <label>Gaji Pokok</label>
18                      <input type="number" name="gaji_pokok" class="form-control">
19                      <?= form_error('gaji_pokok', '<div class="text-small text-danger"></div>') ?>
20                  </div>
21
22                  <div class="form-group">
23                      <label>Tunjangan Transportasi</label>
24                      <input type="number" name="tj_transport" class="form-control">
25                      <?= form_error('tj_transport', '<div class="text-small text-danger"></div>') ?>
26                  </div>
27
28                  <div class="form-group">
29                      <label>Uang Makan</label>
30                      <input type="number" name="uang_makan" class="form-control">
31                      <?= form_error('uang_makan', '<div class="text-small text-danger"></div>') ?>
32                  </div>
33
34                  <button type="submit" class="btn btn-success">SIMPAN</button>
35              </form>
36          </div>
37      </div>
38
39  </div>
```

Menampilkan tambah data jabatan

Client → Views → Admin →tambah_potongan_gaji.php

```
1   <div class="container-fluid">
2       <div class="d-sm-flex align-items-center justify-content-between mb-4">
3           <h1 class="h3 mb-0 text-gray-800"><?php echo $title ?> </h1>
4
5       </div>
6
7       <div class="card">
8           <div class="card-body" style="width: 70%; margin-bottom: 80px">
9               <form action="<?= base_url('/admin/PotonganGaji/tambah_data_aksi') ?>" method="post">
10                  <div class="form-group">
11                      <label">Jenis Potongan</label>
12                      <input type="text" name="jenis_potongan" class="form-control">
13                      <?= form_error('jenis_potongan', '<div class="text-small text-danger"></div>') ?>
14                  </div>
15
16                  <div class="form-group">
17                      <label">Jumlah Potongan</label>
18                      <input type="number" name="jumlah_potongan" class="form-control">
19                      <?= form_error('jumlah_potongan', '<div class="text-small text-danger"></div>') ?>
20                  </div>
21
22                  <button type="submit" class="btn btn-success">SIMPAN</button>
23              </form>
24          </div>
25      </div>
26
27  </div>
```

Menampilkan tambah potongan gaji

Client → Views → Admin →update_jabatan.php

```php
 1  <div class="container-fluid">
 2      <div class="d-sm-flex align-items-center justify-content-between mb-4">
 3          <h1 class="h3 mb-0 text-gray-800"><?php echo $title ?> </h1>
 4
 5      </div>
 6
 7      <div class="card">
 8          <div class="card-body" style="width: 70%; margin-bottom: 80px">
 9              <form action="<?= base_url('/admin/DataJabatan/update_data_aksi') ?>" method="post">
10                  <input type="hidden" name="id_jabatan" value="<?= $jabatan[0]->id_jabatan ?>">
11                  <div class="form-group">
12                      <label>Nama Jabatan</label>
13                      <input type="text" name="nama_jabatan" class="form-control" value="<?= $jabatan[0]->nama_jabatan ?>">
14                      <?= form_error('nama_jabatan', '<div class="text-small text-danger"></div>') ?>
15                  </div>
16
17                  <div class="form-group">
18                      <label>Gaji Pokok</label>
19                      <input type="number" name="gaji_pokok" class="form-control" value="<?= $jabatan[0]->gaji_pokok ?>">
20                      <?= form_error('gaji_pokok', '<div class="text-small text-danger"></div>') ?>
21                  </div>
22
23                  <div class="form-group">
24                      <label>Tunjangan Transportasi</label>
25                      <input type="number" name="tj_transport" class="form-control" value="<?= $jabatan[0]->tj_transport ?>">
26                      <?= form_error('tj_transport', '<div class="text-small text-danger"></div>') ?>
27                  </div>
28
29                  <div class="form-group">
30                      <label>Uang Makan</label>
31                      <input type="number" name="uang_makan" class="form-control" value="<?= $jabatan[0]->uang_makan ?>">
32                      <?= form_error('uang_makan', '<div class="text-small text-danger"></div>') ?>
33                  </div>
34
35                  <button type="submit" class="btn btn-success">UPDATE</button>
36              </form>
37          </div>
38      </div>
39
40  </div>
```

Menampilkan update jabatan

Client → Views → Admin →update_potongan_gaji.php

```
1   <div class="container-fluid">
2       <div class="d-sm-flex align-items-center justify-content-between mb-4">
3           <h1 class="h3 mb-0 text-gray-800"><?php echo $title ?> </h1>
4
5       </div>
6
7       <div class="card">
8           <div class="card-body" style="width: 70%; margin-bottom: 80px">
9               <input type="hidden" name="id" value="<?= $potongan_gaji[0]->id ?>">
10              <form action="<?= base_url('/admin/PotonganGaji/update_data_aksi') ?>" method="post">
11                  <div class="form-group">
12                      <label>Jenis Potongan</label>
13                      <input type="text" name="jenis_potongan" class="form-control" value="<?= $potongan_gaji[0]->potongan ?>">
14                      <?= form_error('jenis_potongan', '<div class="text-small text-danger"></div>') ?>
15                  </div>
16
17                  <div class="form-group">
18                      <label>Jumlah Potongan</label>
19                      <input type="number" name="jumlah_potongan" class="form-control" value="<?= $potongan_gaji[0]->jml_potongan ?>">
20                      <?= form_error('jumlah_potongan', '<div class="text-small text-danger"></div>') ?>
21                  </div>
22
23                  <button type="submit" class="btn btn-success">UPDATE</button>
24              </form>
25          </div>
26      </div>
27
28  </div>
```

Tampilan update potongan gaji

Client → Views → Pegawai→dashboard.php

```php
 1  <div class="container-fluid">
 2      <div class="d-sm-flex align-items-center justify-content-between mb-4">
 3          <h1 class="h3 mb-0 text-gray-800"><?php echo $title ?> </h1>
 4
 5      </div>
 6
 7      <div class="alert alert-success font-weight-bold mb-4">Selamat datang, Anda login sebagai pegawai.</div>
 8
 9      <div class="card" style="margin-bottom: 120px;">
10          <div class="card-header font-weight-bold bg-primary text-white">
11              Data Pegawai
12          </div>
13
14          <div class="card-body">
15              <div class="row">
16                  <div class="col-md-5">
17                      <img style="width:250px" src="<?= base_url('ext/photo/' . $pegawai[0]->photo) ?>">
18                  </div>
19
20                  <div class="col-md-7">
21                      <table class="table">
22                          <tr>
23                              <td>Nama Pegawai</td>
24                              <td>:</td>
25                              <td><?= $pegawai[0]->nama_pegawai ?></td>
26                          </tr>
27
28                          <tr>
29                              <td>Jabatan</td>
30                              <td>:</td>
31                              <td><?= $pegawai[0]->jabatan ?></td>
32                          </tr>
33
34                          <tr>
35                              <td>Tanggal Masuk</td>
36                              <td>:</td>
37                              <td><?= $pegawai[0]->tanggal_masuk ?></td>
38                          </tr>
39
40                          <tr>
41                              <td>Status</td>
42                              <td>:</td>
43                              <td><?= $pegawai[0]->status ?></td>
44                          </tr>
45                      </table>
46                  </div>
47              </div>
48          </div>
49      </div>
50  </div>
51  </div>
```

Menampilkan data yang ada didatabase ke dahboard

Client → Views → Pegawai→data_gaji.php

```
 1  <div class="container-fluid">
 2      <div class="d-sm-flex align-items-center justify-content-between mb-4">
 3          <h1 class="h3 mb-0 text-gray-800"><?php echo $title ?> </h1>
 4
 5      </div>
 6
 7      <div class="table-responsive">
 8          <table class="table table-bordered table-striped" id="dataTable" width="100%" cellspacing="0" style="margin-bottom: 100px">
 9              <thead>
10                  <tr>
11                      <th>Bulan / Tahun</th>
12                      <th>Gaji Pokok</th>
13                      <th>Tj. Transportasi</th>
14                      <th>Uang Makan</th>
15                      <th>Potongan</th>
16                      <th>Total Gaji</th>
17                      <th>Cetal Slip</th>
18                  </tr>
19              </thead>
20              <tfoot>
21                  <tr>
22                      <th>Bulan / Tahun</th>
23                      <th>Gaji Pokok</th>
24                      <th>Tj. Transportasi</th>
25                      <th>Uang Makan</th>
26                      <th>Potongan</th>
27                      <th>Total Gaji</th>
28                      <th>Cetal Slip</th>
29                  </tr>
30              </tfoot>
31              <tbody>
32                  <?php $no = 0; foreach($gaji as $j){
33                      $no++;
34                      $potongan = $potongan_gaji * $j->alpha;
35                      $total = $j->gaji_pokok + $j->tj_transport + $j->uang_makan - $potongan;
36                      ?>
37                      <tr>
38                          <td><?= $j->bulan ?></td>
39                          <td><?= 'Rp.' . number_format($j->gaji_pokok, 0, ',', '.') ?></td>
40                          <td><?= 'Rp.' . number_format($j->tj_transport, 0, ',', '.') ?></td>
41                          <td><?= 'Rp.' . number_format($j->uang_makan, 0, ',', '.') ?></td>
42                          <td><?= 'Rp.' . number_format($potongan, 0, ',', '.') ?></td>
43                          <td><?= 'Rp.' . number_format($total, 0, ',', '.') ?></td>
44                          <td>
45                              <center>
46                              <a class="btn btn-sm btn-primary" href="#">
47                                  <i class="fas fa-print"></i>
48                              </a>
49                              </center>
50                          </td>
51                      </tr>
52                  <?php } ?>
53              </tbody>
54          </table>
55      </div>
56
57  </div>
```
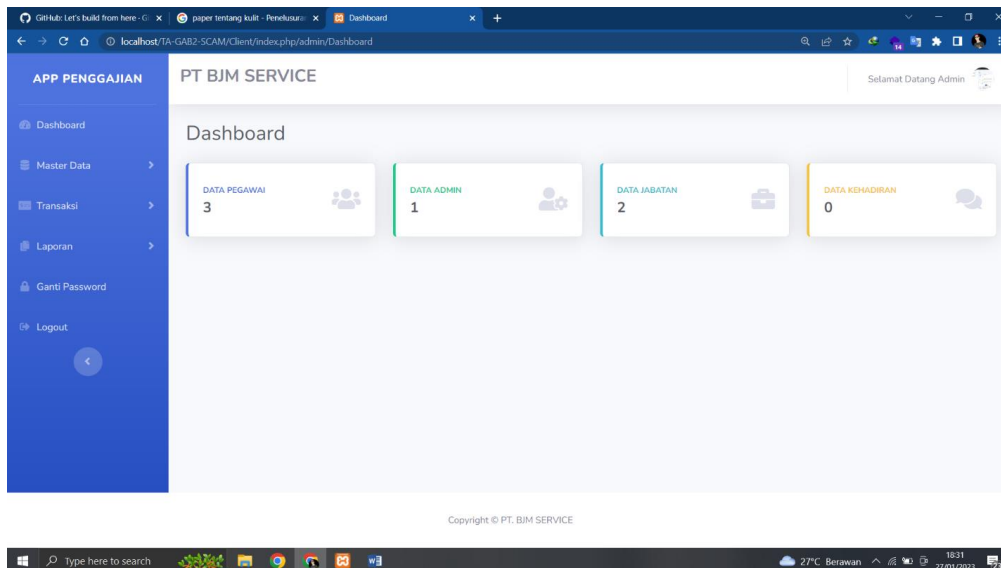
Menampilkan data gaji

Tampilan Admin

1. Tampilan Form Login
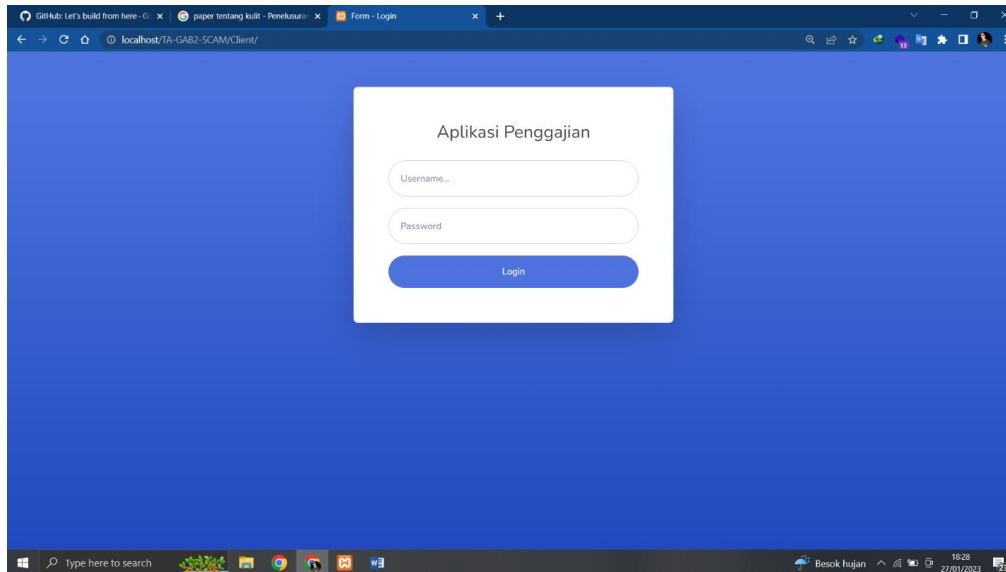
Berfungsi untuk masuk ke menu dashboard

2. Tampilan Dashboard

Berfungsi untuk menampilkan data yang sudah terinput

3. Tampilan Master Data => Data Pegawai

Berfungsi untuk menambahkan pegawai,dan mengedit serta menghapus data

4. Tampilan Master Data=> Data Jabatan

Berfungsi untuk input data jabatan serta mengedit dan menghapus data jabatan

5. Tampilan Transaksi => Data Absen

Berfungsi untuk menampilkan data absen serta menambahkan data

6. Tampilan Transaksi => potongan gaji

Berfungsi untuk menambah data potong gaji serta mengedit dan menghapus

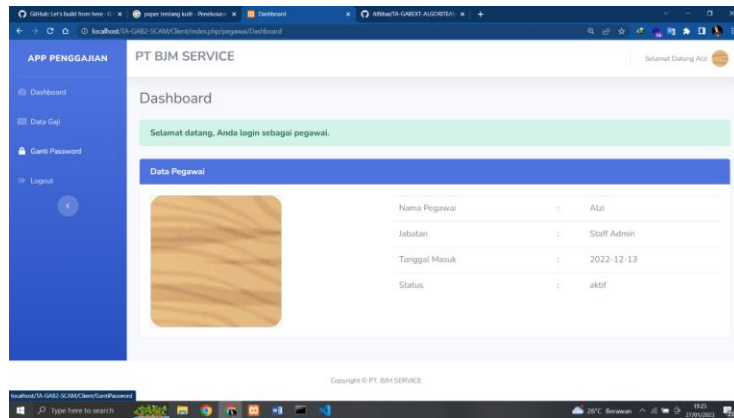7. Tampilan Transaksi => Data Gaji
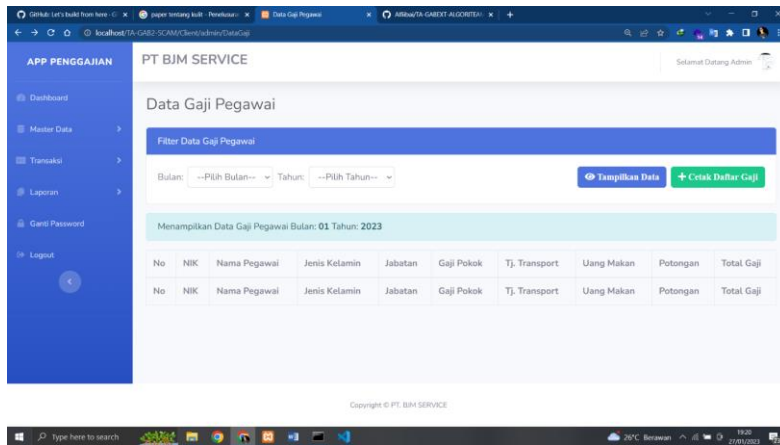
Berfungsi untuk menampilkan data gaji

8. Tampilan ganti password
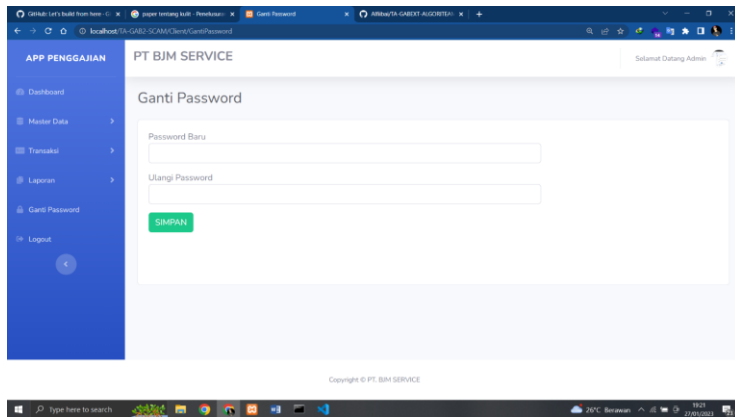
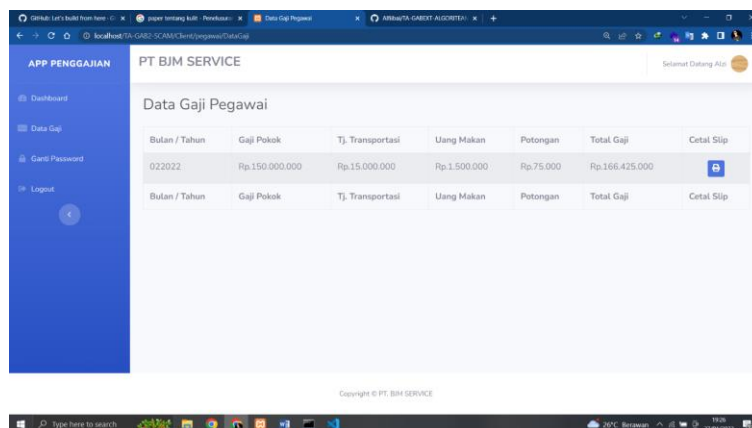

Berfungsi untuk mengganti passsword admin
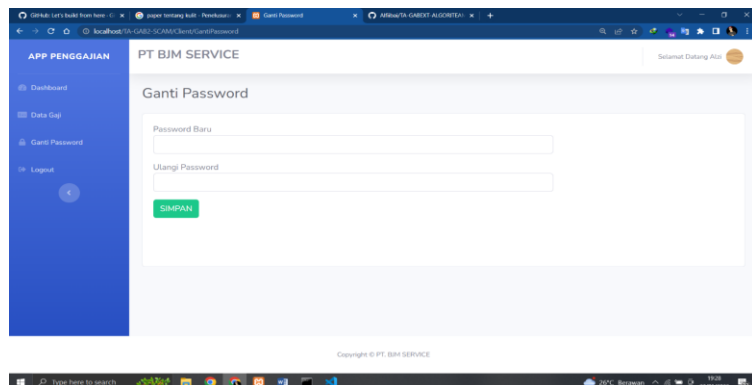
Tampilan User

1. Tampilan Dashboard

Berfungsi untuk menampilkan data user

2. Tampilan Data Gaji

Berfungsi untuk menampilkan data gaji pegawain serta bisa mencetak data nya

3. Tampilan Ganti Password

Berfungsi untuk mengganti password pada user