

PANDUAN TEKNIS

APLIKASI UJI VALIDITAS DAN REALIBILITAS BERBASIS WEBSITE

<https://www.uvr.web.id>

(UVR V.1)



Di buat oleh

Ade Suryadi, M.Kom (ade.axd@bsi.ac.id)

Andi Saryoko, M.Kom (andi.asy@nusamandiri.ac.id)

PENGANTAR

Aplikasi UVR merupakan sistem penunjang keputusan berbasis website yang dibuat menggunakan Framework Codeigniter Versi. 3. Aplikasi ini berfungsi mengolah data kuesioner untuk selanjutnya dilakukan uji validitas dan uji reabilitas sehingga dapat diketahui valid atau tidaknya suatu kuesioner.

Saat ini, aplikasi UVR hanya dapat melakukan uji validitas dan reabilitas saja, kedepannya akan ditingkatkan lagi agar dapat langsung digunakan untuk menguji menggunakan metode lainnya. Perlu diketahui bahwa dalam aplikasi ini kuesioner menggunakan Skala Likert untuk jawaban yang diberikan responden, Untuk mengukur variabel akan dilakukan dengan menggunakan skala 5 alternatif dengan pilihan (skala likert). Untuk kategori harapan diberikan penilaian sebagai berikut :

1. Sangat Tidak Setuju
2. Tidak Setuju
3. Netral
4. Setuju
5. Sangat Setuju

Alasan digunakannya skala likert adalah karena skala likert memiliki beberapa keunggulan dibandingkan dengan tipe yang lainnya, yaitu relative lebih mudah dan memiliki keragaman skor (variability of score) sebagai penggunaan dalam skala antara 1 sampai dengan 5. Penggunaan variabel pada aplikasi ini menggunakan dua variabel yaitu variabel dependen(Y) dan variabel independen(X), penamaan pada variabel dapat disesuaikan.

Uji Validitas Menggunakan perhitungan sebagai berikut

$$r_{hitung} = \frac{n.(\sum XY) - (\sum X).(\sum Y)}{\sqrt{[n.\sum X^2 - (\sum X)^2].[n.\sum Y^2 - (\sum Y)^2]}}$$

Sedangkan uji reabilitas menggunakan perhitungan sebagai berikut:

$$\sigma_b^2 = \frac{(\sum x^2) - \frac{(\sum x)^2}{n}}{n}$$

Pengujian menggunakan rumus kolerasi *pearson product moment*, untuk melihat data itu valid atau tidak. Jika nilai lebih besar dari r-tabel bisa dikatakan nilai tersebut valid, jika nilai lebih kecil dari r maka perlu ditinjau ulang pada penyusunan kuesioner. Aplikasi ini dapat diakses secara umum menggunakan url <https://www.uvr.web.id> namun, untuk mendapatkan user akun, pengguna dapat menghubungi melalui email admin yang tertera pada tampilan awal website.

Demikian gambaran dari aplikasi ini, kedepannya akan terus dikembangkan agar dapat memenuhi kebutuhan-kebutuhan yang digunakan untuk penelitian.

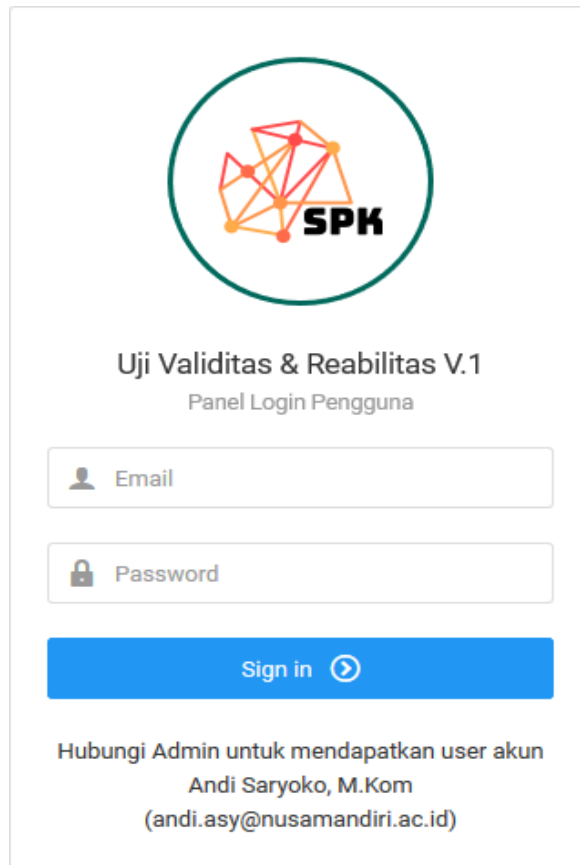
Jakarta, 29 Oktober 2019

Penulis

PANDUAN PENGGUNAAN

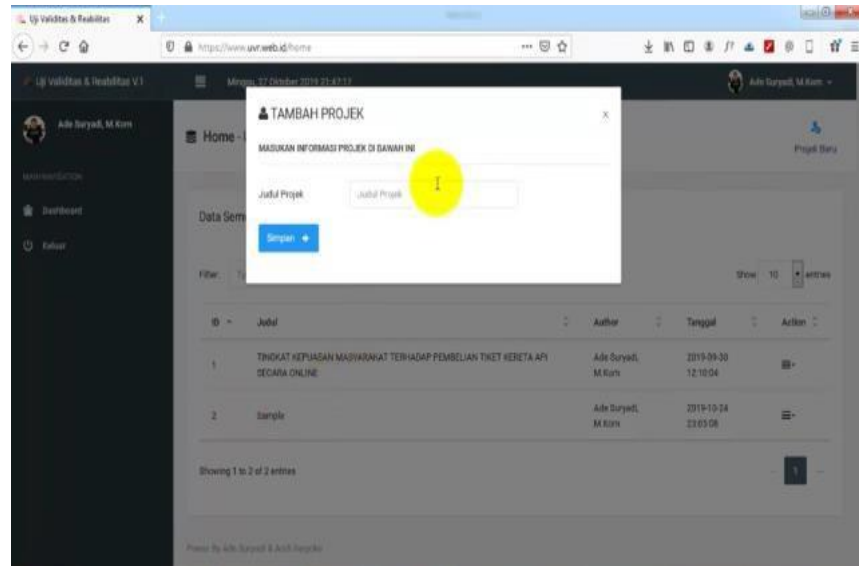
Cara penggunaan aplikasi UVR secara umum akan dijelaskan sebagai berikut:

1. Kunjungi url <https://www.uvr.web.id/> menggunakan browser anda.
2. Website ini masih bersifat privat jika ingin mencoba anda bisa menghubungi admin Andi Saryoko, M.Kom melalui email (andi.asy@nusamandiri.ac.id) untuk mendapatkan user akun.

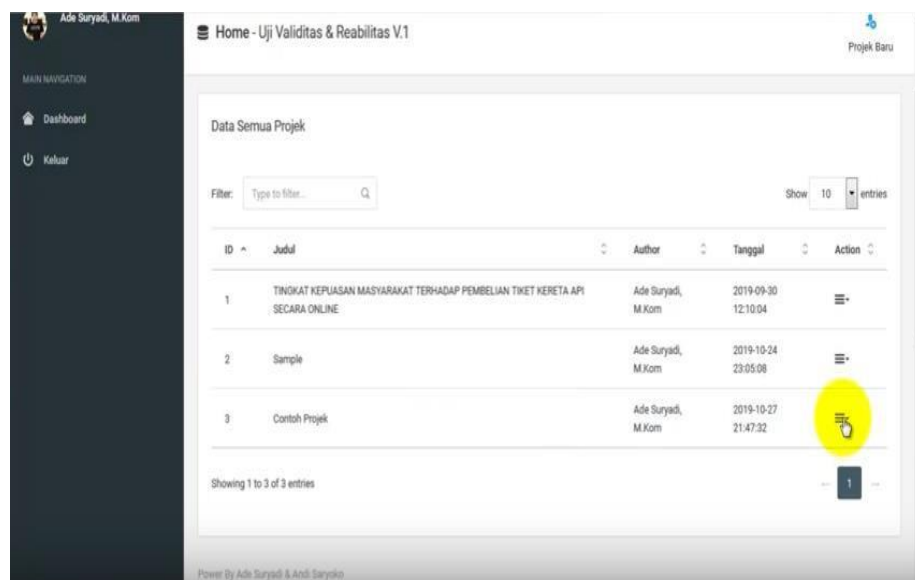


The image shows a login interface for a system titled "Uji Validitas & Reabilitas V.1". At the top is a logo consisting of a green circle containing an orange network diagram with the letters "SPK" in bold black text. Below the logo, the title "Uji Validitas & Reabilitas V.1" is displayed in bold, followed by the subtitle "Panel Login Pengguna" in a smaller font. The login form includes two input fields: "Email" with a person icon and "Password" with a lock icon. Below these fields is a blue "Sign in" button with a right-pointing arrow icon. At the bottom, there is contact information for the administrator: "Hubungi Admin untuk mendapatkan user akun", "Andi Saryoko, M.Kom", and the email address "(andi.asy@nusamandiri.ac.id)".

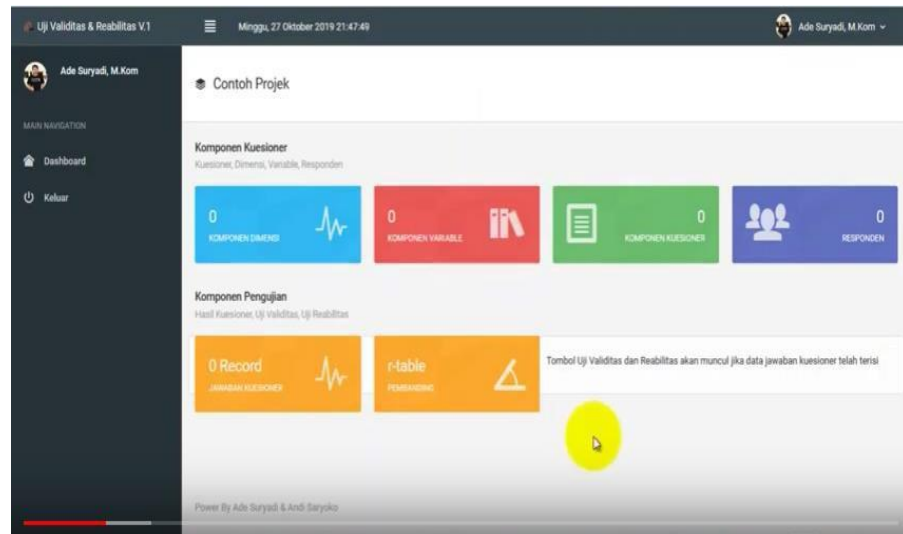
3. Jika sudah mendapatkan akun silahkan Lakukan login dengan menggunakan email dan password.
4. Kemudian akan masuk ke tampilan utama atau dashboard aplikasi
5. Untuk memulai maka harus membuat sebuah proyek terlebih dahulu, dapat dicontohkan sebagai berikut :
 - Pertama klik tombol proyek baru, maka akan muncul popup, masukan judul proyek sebagai contoh = **proyek contoh 1**



- Lalu klik simpan **Simpan**
- Setelah tersimpan Maka akan muncul tampilan seperti ini ;



- Klik icon disebalah kanan(lihat gambar) , kemudian pilih Lihat proyek
- Selanjutnya akan muncul tampilan contoh proyek dan beberapa komponen yang harus di isi sebelum muncul tombol “ Uji validitas dan reabilitas”



- Ada beberapa komponen yang harus di isi sebelum nanti ada tombol “ Uji validitas dan reabilitas” (akan muncul apabila komponen telah terisi dan sesuai)
- Pastikan isi semua komponen dan harus sesuai.

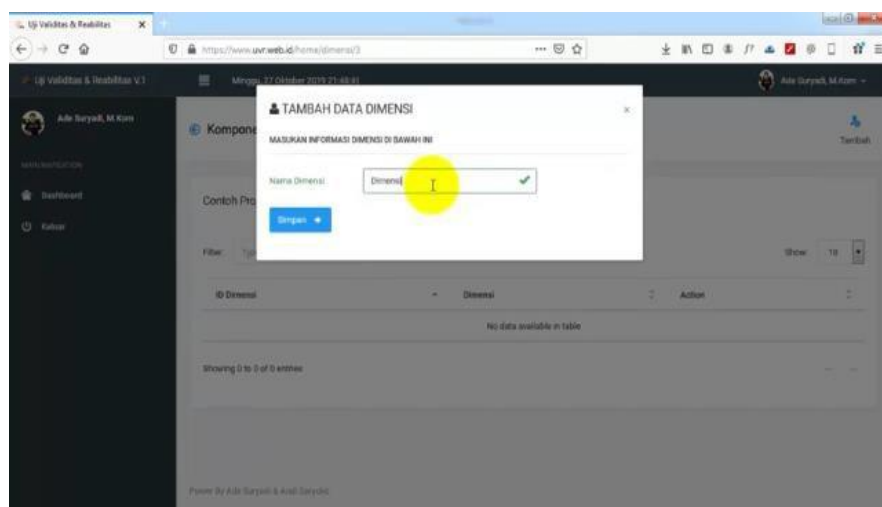
6. Komponen Kuesioner

Komponen kuesioner terdiri **dari komponen dimensi, variabel, kuesioner dan responden.**

a. Komponen Dimensi

Berisi data dimensi yang digunakan pada kuesioner, cara menambahkannya sebagai berikut:

- Klik Tambah
- Isikan Nama Dimensi, sebagai contoh = **Dimensi 1**

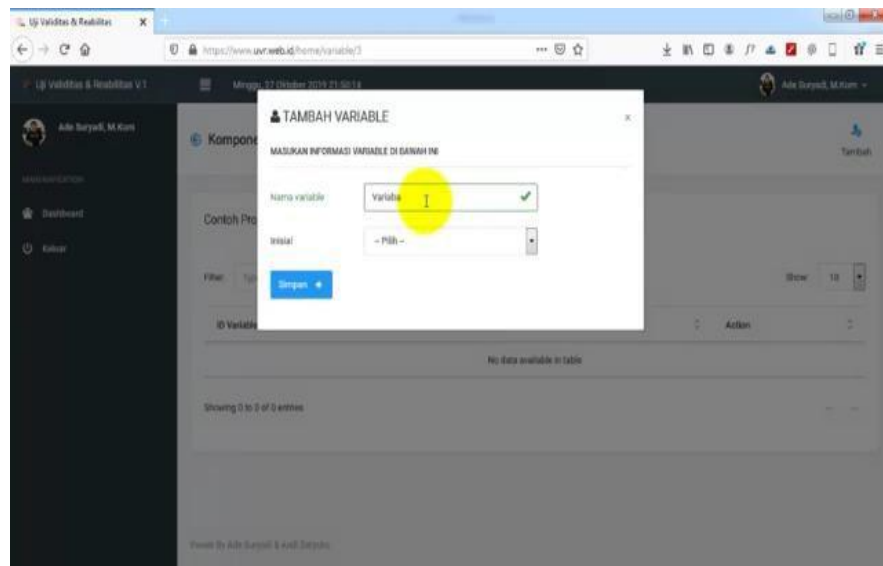


- Lalu klik **Simpan**
- Ulangi lagi Tambah data dimensi lagi dengan nama = **Dimensi 2**
- Klik **Simpan**
- Karena menggunakan id (alangkah baiknya **id** di catat agar tidak lupa untuk di pakai pada tahap selanjutnya)

b. Komponen Variabel

Berisi data variabel yang digunakan, cara menambahkannya seperti berikut:

- Klik Tambah Variabel
- Masukan nama variable, contoh = **Variabel 1**
- Pilih Inisial (Menggunakan X atau Y) = **Pilih menggunakan X**

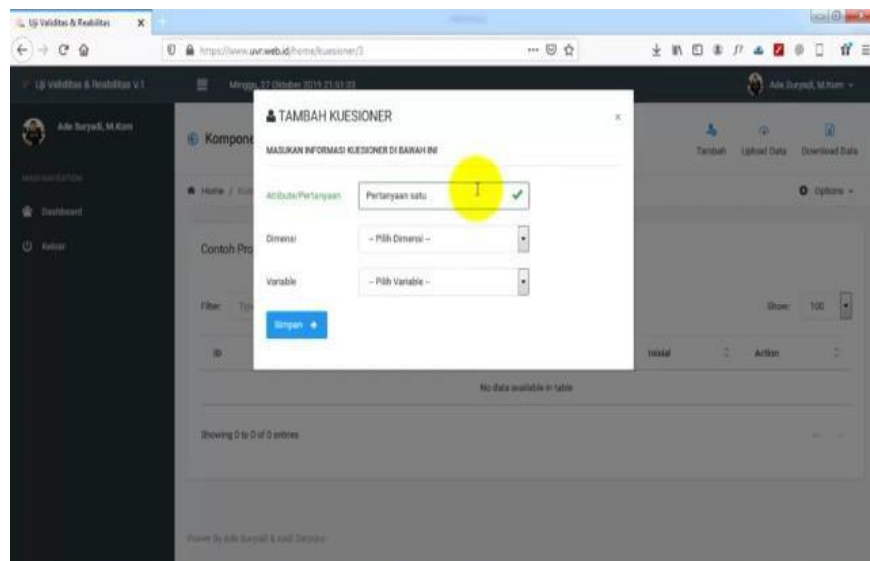


- Klik **Simpan**
- Tambah lagi satu variable, Klik Tambah
- Masukan nama variable = **Variabel 2**
- Pilih Inisial (Menggunakan Y)
- Klik **Simpan**
- Karena menggunakan id variabel (alangkah baiknya **id** di catat agar tidak lupa untuk di pakai pada tahap selanjutnya)

c. Komponen Kuesioner

Komponen kuesioner berisi data kuesioner atau pertanyaan-pertanyaan untuk responden. Cara menambahkannya sebagai berikut:

- Klik Tambah
- Isikan atribut (Pertanyaan satu)
- Pilih dimensi (1)
- Variabel (1)



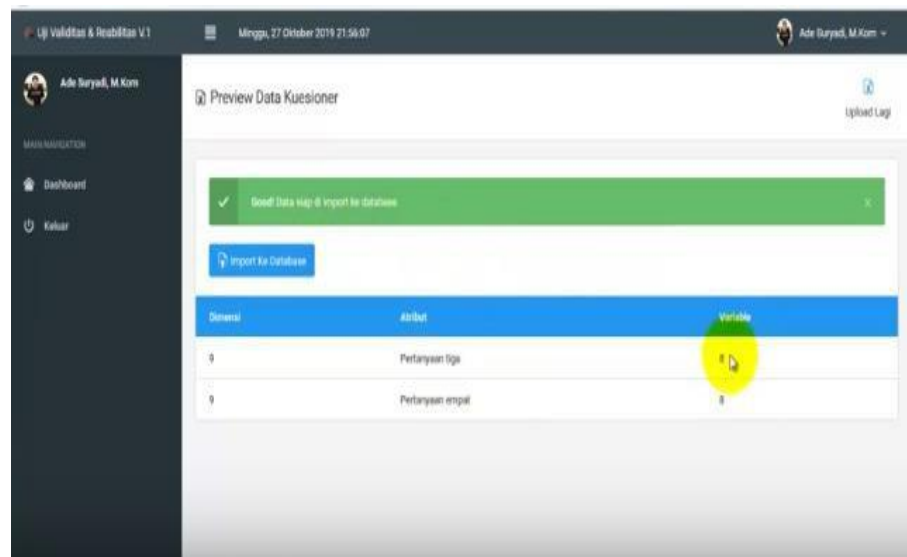
- Klik **simpan**

Atau dapat menggunakan fitur import kuesioner Excel, seperti berikut:

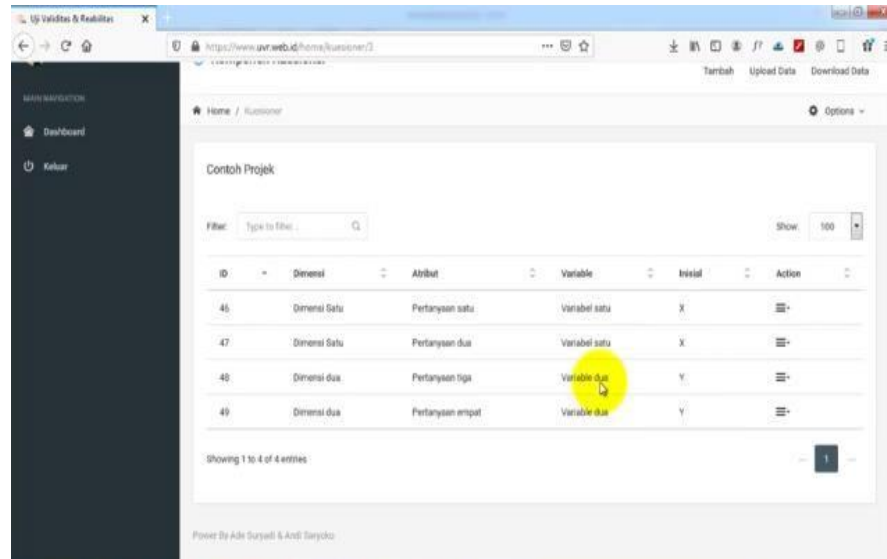
- Klik pada Download template
- Buka Template yang telah di download, tidak perlu diubah hanya di ubah isinya saja
- Masukkan **id dimensi**, **Atribut**, dan **id variable**

ID_Dimensi	Atribut	ID_Variabel
9	Pertanyaan tiga	8
9	Pertanyaan empat	8

- Lalu Simpan
- Kembali ke Komponen Kuesioner
- Klik upload data, Masukkan data yang dipilih
- Kemudian akan muncul seperti tampilan di bawah ini :



- Klik **import ke database**
- Jika berhasil maka muncul tampilan ;

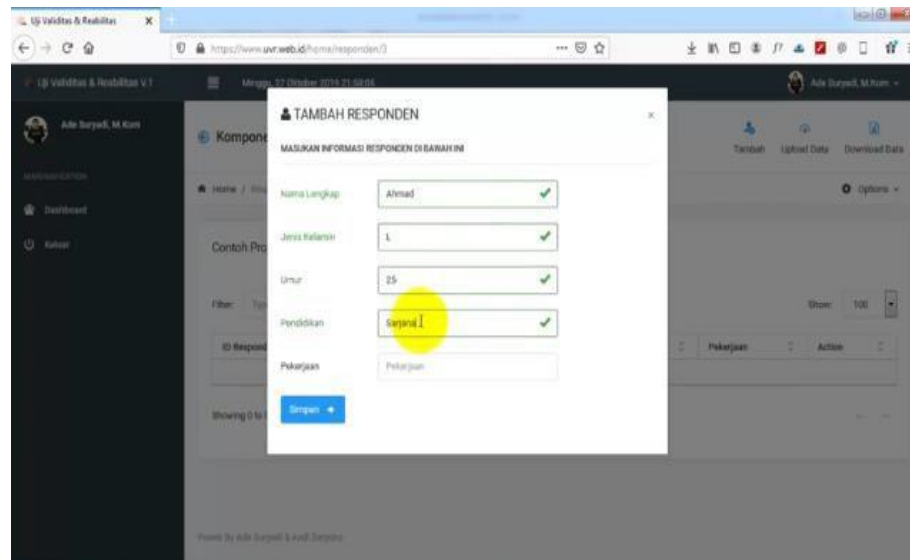


- Karena menggunakan kuesioner id (alangkah baiknya **id** di catat agar tidak lupa untuk di pakai pada tahap selanjutnya)

d. Komponen Responden

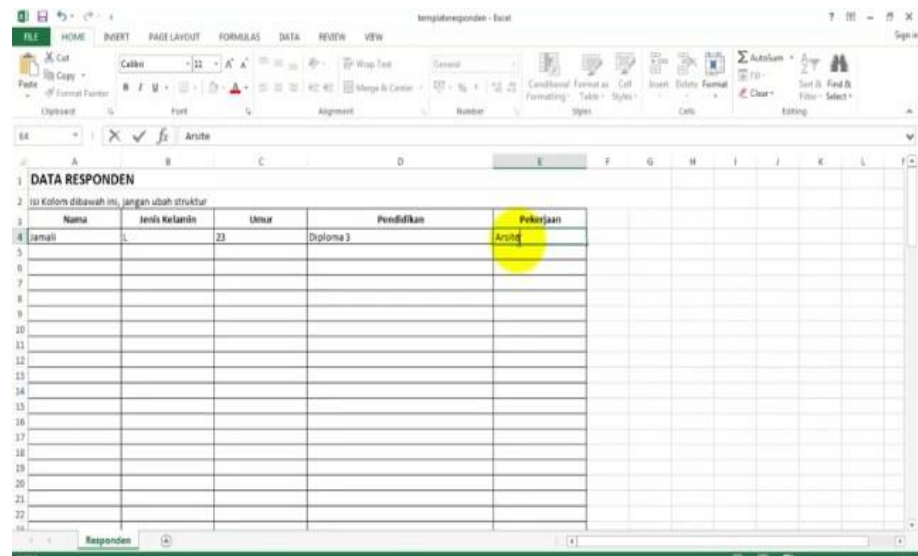
Komponen responden berisi data responden yang mengisi kuesioner, cara menambahkannya seperti berikut:

- Klik tambah
- Isikan Nama lengkap, Jenis kelamin, Umur, Pendidikan dan Pekerjaan

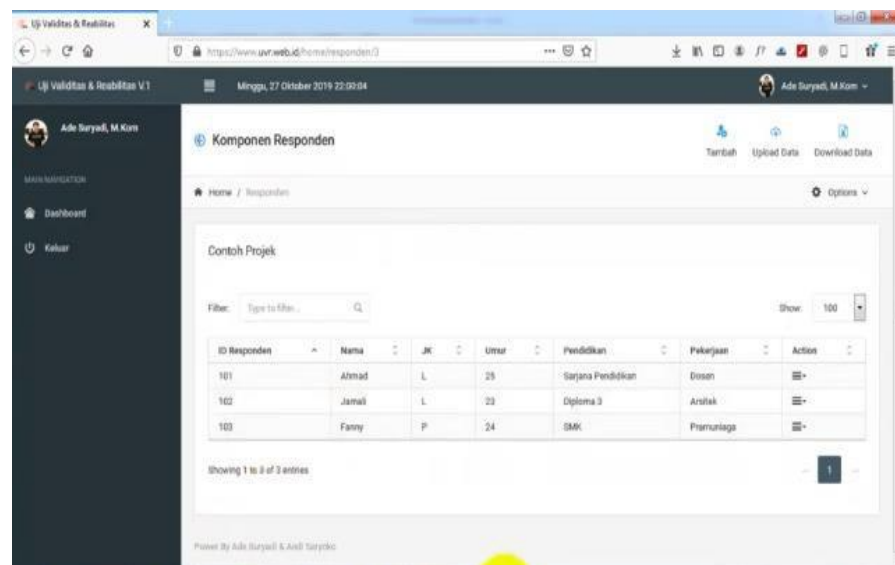


- Klik **Simpan**
- Atau bisa menggunakan cara **import excel**

- Pilih options, download template, buka template tersebut isikan nama dsb.



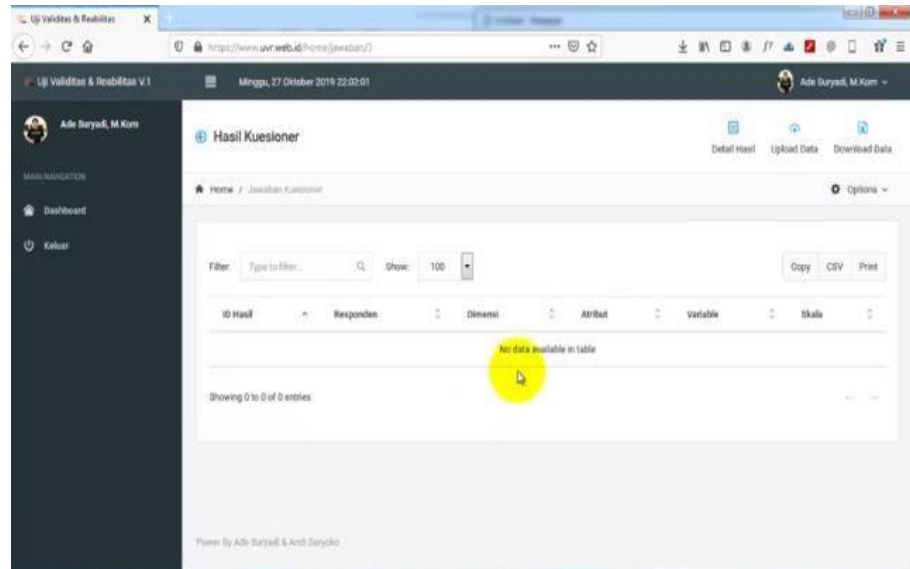
- Lalu Simpan
- Kembali ke halaman komponen responden, pilih upload data, pilih data, kemudian preview.
- Jika berhasil maka akan muncul “**import ke database**”.
- Klik import database



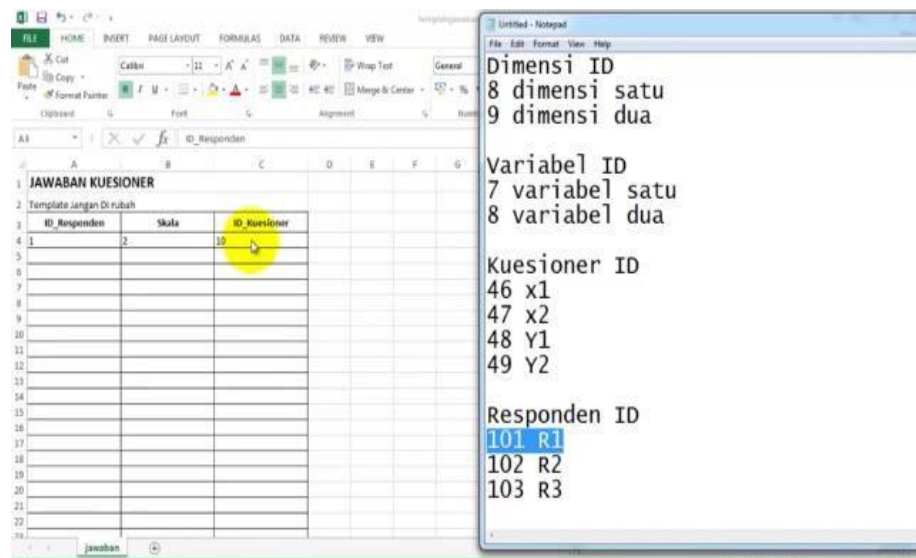
- (catat id jangan sampai lupa)

e. Komponen Jawaban Responden

Komponen ini berisi jawaban dari responden terhadap kuesioner yang telah diberikan. Cara menambahkannya sebagai berikut:

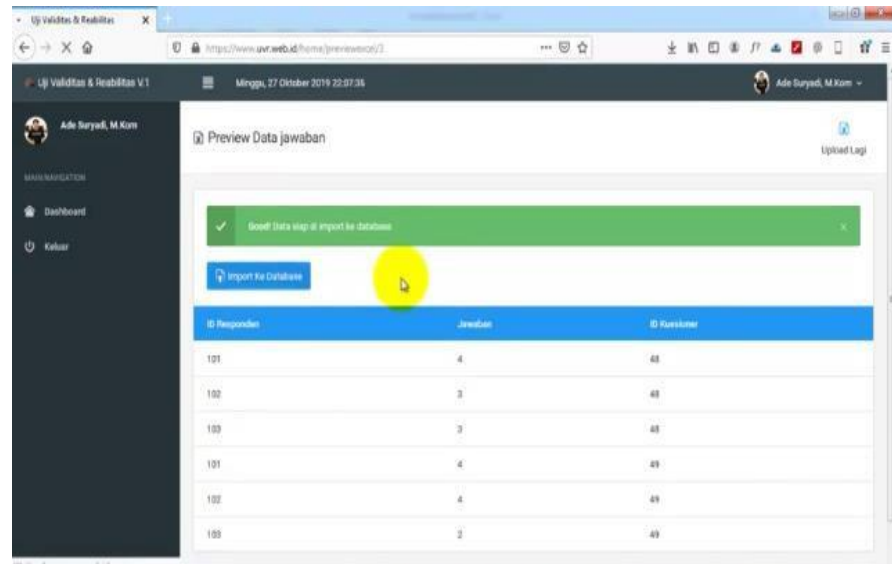


- Pilih options
- Download template
- Buka template yang telah di download
- Masukkan id responden, skala dan id kuesioner
- Isikan dengan id yang sudah di gunakan / dicatat tadi

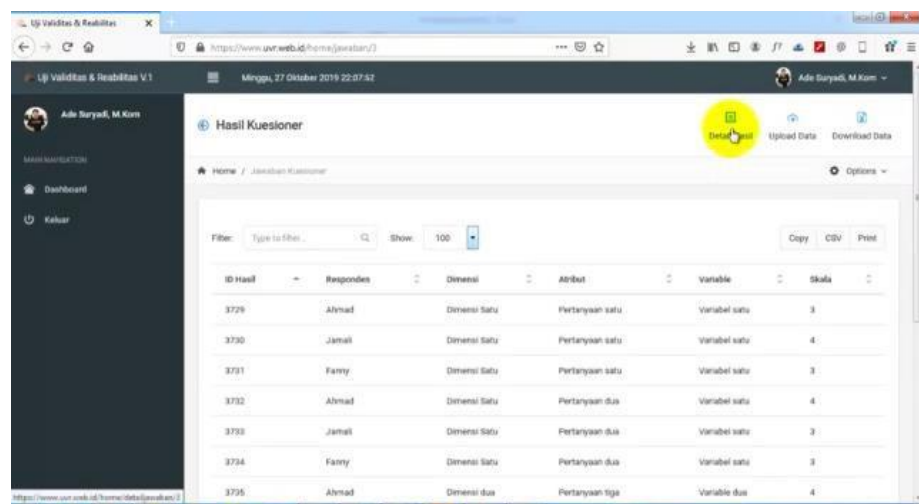


- Lalu Simpan
- Kembali ke halaman Jawaban Responden
- Pilih upload data

- Pilih data (misalkan hanya data variable y)
- Klik Preview
- Lalu akan muncul tampilan berikut ;



- Ulangi upload data lagi dengan menggunakan variable Y sama seperti dengan cara diatas.
- Klik import ke database maka akan muncul hasil dari kuesioner yang sudah di isi.

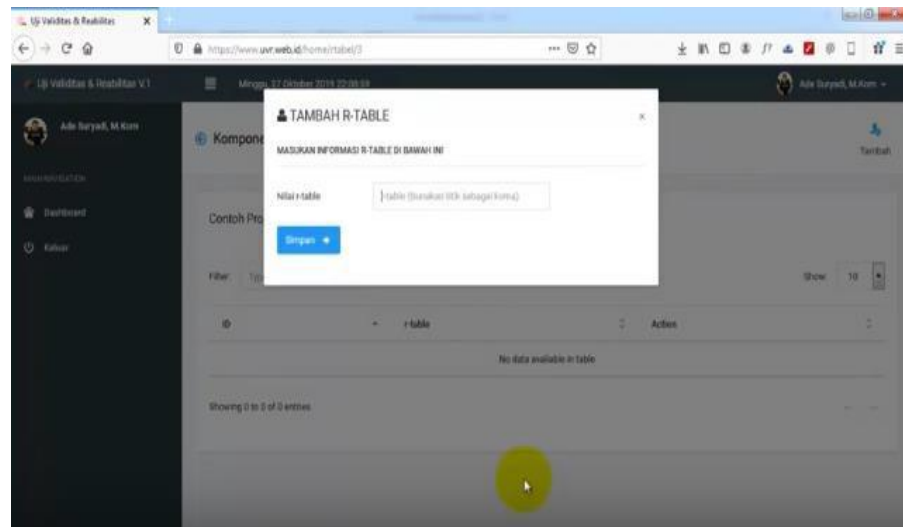


f. R-Tabel

R-tabel ini berfungsi untuk membandingkan. r-table yang digunakan adalah inputan pertama.

- Klik Tambah data

- Masukkan Nilai r-tabel (menggunakan titik jika ada koma)



- Klik **Simpan**

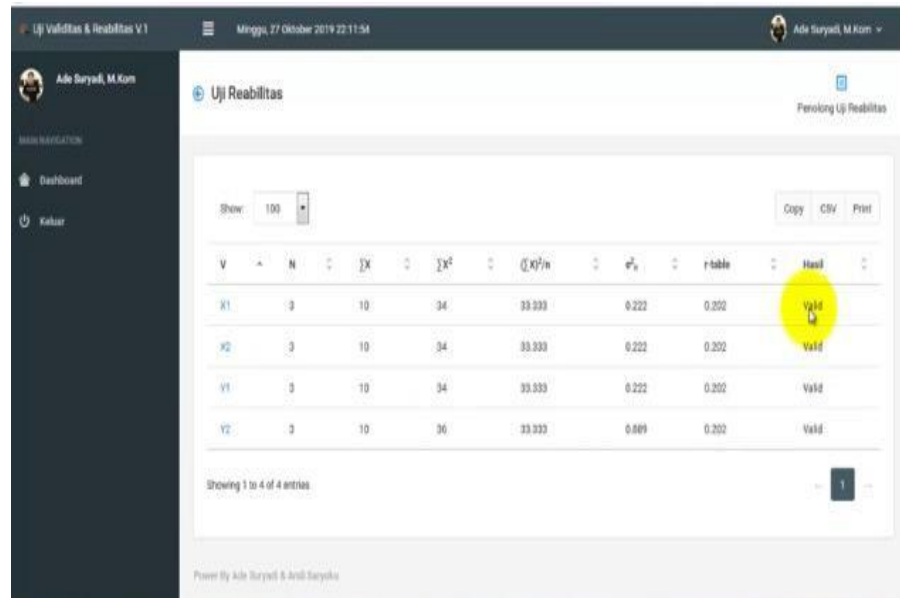
g. Uji Validitas

Uji validitas digunakan untuk menguji validitas apakah valid atau tidak. Klik pada tombol validitas maka akan muncul tampilan seperti ini.

V	N	X	Y	XY	X ²	Y ²	Value	r-table	Hasil
X1	3	10	40	134	34	542	0.277	0.202	Valid
X2	3	10	40	135	34	542	0.663	0.202	Valid
V1	3	10	40	135	34	542	-0.663	0.202	Valid
V2	3	10	40	138	36	542	0.971	0.202	Valid

Dapat dilihat pada kolom Hasil terdapat keterangan **valid** yang artinya nilai lebih besar dari r-tabel.

h. Uji Reabilitas



V	N	ΣX	ΣX^2	$\Sigma XY/n$	r_s	r-table	Hasil
X1	3	10	34	33.333	0.222	0.202	Valid
X2	3	10	34	33.333	0.222	0.202	Valid
Y1	3	10	34	33.333	0.222	0.202	Valid
Y2	3	10	36	33.333	0.889	0.202	Valid

Dapat dilihat pada kolom Hasil terdapat keterangan **valid** yang artinya nilai lebih besar dari r-tabel.

Demikian panduan umum cara penggunaan aplikasi UVR, sampai tahap ini aplikasi telah berhasil menerapkan uji validitas dan reabilitas. Panduan ini dilengkapi video tutorial yang dapat diakses di laman ini <https://www.youtube.com/watch?v=Gz9f6o9TU3M>

Source Code Program:

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

class Home extends CI_controller{

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

        $this->load->model('IdentitasWeb');

        is_login();
    }

    public function index() {

        $data['identitas'] = $this->IdentitasWeb->getIdentitas();
        $data['admin'] = $this->IdentitasWeb->getAdmin();
        $id = $this->session->userdata('id_admin');

        $data['title'] = 'Projek';
        $this->load->view('admin_templates/header', $data);
        $this->load->view('admin_templates/sidebar', $data);
        $this->load->view('admin_templates/topbar', $data);
        $this->load->view('spk/projek', $data);
        $this->load->view('admin_templates/footer', $data);

    }

    public function dataprojek() {
        $req=$_REQUEST;
        $this->db->from('tb_projek');
        $this->db->
>join('tb_admin','tb_admin.id_admin=tb_projek.id_admin');

        //pencarian data
        if ($req['search']['value']) {
            $cari=$req['search']['value'];
            $kunci=array('nama_projek'=> $cari);
            $this->db->group_start();
            $this->db->or_like($kunci);
            $this->db->group_end();
        }
        $qry=$this->db->get();
        $total=$qry->num_rows();
        //konversi kolom
        $kolom=array('id_projek','nama_projek','nama_admin','tgl_entry','');
        $this->db->from('tb_projek');
        $this->db->
>join('tb_admin','tb_admin.id_admin=tb_projek.id_admin');

        //pencarian data
        if ($req['search']['value']) {
            $cari=$req['search']['value'];
            $kunci=array('nama_projek'=> $cari);
            $this->db->group_start();
            $this->db->or_like($kunci);
            $this->db->group_end();
        }
        //urutan data
        $this->
>db>order_by($kolom[$req['order'][0]['column']], $req['order'][0]['dir']
);
        $this->db->limit($req['length'], $req['start']);
```

```

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

$sisinya=array();
foreach ($qry as $hasil) {
    $datanya=array();
    $datanya[]=$hasil->id_projek;
    $datanya[]=$hasil->nama_projek;
    $datanya[]=$hasil->nama_admin;
    $datanya[]=$hasil->tgl_entry;
    $datanya[]='
    <ul class="icons-list">
        <li class="dropdown">
            <a href="#" class="dropdown-toggle" data-
toggle="dropdown">
                <i class="icon-menu9"></i>
            </a>
            <ul class="dropdown-menu dropdown-menu-right">
                <li><a href="'. base_url('home/viewprojek/') .
$hasil->id_projek.'"><i class="icon-database"></i> Lihat Projek
</a></li>
                <li><a href="javascript:void(0);"
class="edit_data" id="'. $hasil->id_projek ." " data-toggle="modal"
data-target="#edit_data_Modal" data-backdrop="static"><i class="icon-
pencil5"></i> Edit </a></li>
                <li><a class="delete_data" id="'. $hasil-
>id_projek .'-'. $hasil->nama_projek ." href="javascript:void(0);"><i
class="icon-trash"></i> Hapus </a></li>
            </ul>
        </li>
    </ul>';

    $sisinya[]=$datanya;
}

$result=array('recordsTotal'=>$total,'recordsFiltered'=>$total,'data'=>
$sisinya);
echo json_encode($result);
}

public function tambahprojek(){

    $this->form_validation-
>set_rules('name','Name','required|trim');

    if($this->form_validation->run() === FALSE ){

        $this->session->set_flashdata('message', '<div class="alert
alert-warning alert-styled-left alert-arrow-left alert-bordered">
        <button type="button" class="close" data-
dismiss="alert"><span>✖</span><span class="sr-
only">Close</span></button>
        '.validation_errors().'
        </div>');

    }else{
        $data = [
            'nama_projek' => $this->input->post('name', true),
            'id_admin' => $this->session->userdata('id_admin')
        ];
        if($this->db->insert('tb_projek', $data)){
            $this->session->set_flashdata('message', '<div

```

```

class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
    <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
    <span class="text-semibold">Berhasil!</span> Proyek
Berhasil dibuat !
    </div>');
    }else{
        $this->session->set_flashdata('message', '
        <div class="alert alert-warning alert-styled-left">
        <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
        <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
        </div>');
    }
}

public function editprojek(){

    $this->form_validation-
>set_rules('namee','Name','required|trim');

    if($this->form_validation->run() == FALSE ){

        $this->session->set_flashdata('message', '<div class="alert
alert-warning alert-styled-left alert-arrow-left alert-bordered">
        <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
        '.validation_errors().'
        </div>');
    }else{
        $data = [
            'nama_projek' => $this->input->post('namee', true)
        ];
        $this->db->where('id_projek', $this->input->post('id',
true));
        if($this->db->update('tb_projek', $data)){
            $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
            <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
            <span class="text-semibold">Berhasil!</span> Proyek
berhasil diubah !
            </div>');
        }else{
            $this->session->set_flashdata('message', '
            <div class="alert alert-warning alert-styled-left">
            <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
            <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
            </div>');
        }
    }
}

```

```

    }
}
}

```

```

public function fetchprojek(){
    $id = $this->input->post('id', true);
    $this->db->from('tb_projek');
    $this->db->where('id_projek', $id);
    $qry=$this->db->get();
    $row = $qry->row_array();
    echo json_encode($row);
}

```

```

public function hapusprojek($id){
    $this->db->where('id_projek', $id);
    $this->db->delete('tb_projek');
    $this->session->set_flashdata('message', '<div class="alert
alert-success alert-styled-left alert-arrow-left alert-bordered">
    <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
    <span class="text-semibold">Berhasil!</span> Data berhasil
dihapus !
    </div>');
}

```

```

public function viewprojek($id){

    $data['identitas'] = $this->IdentitasWeb->getIdentitas();
    $data['admin'] = $this->IdentitasWeb->getAdmin();
    $this->db->from('tb_projek');
    $this->db->where('id_projek', $id);
    $data['projek'] = $this->db->get()->row_array();

    $this->db->from('tb_dimensi');
    $this->db->where('id_projek', $id);
    $data['dimensi'] = $this->db->get()->num_rows();

    $this->db->from('tb_variable');
    $this->db->where('id_projek', $id);
    $data['variable'] = $this->db->get()->num_rows();

    $this->db->from('tb_responden');
    $this->db->where('id_projek', $id);
    $data['responden'] = $this->db->get()->num_rows();

    $this->db->from('tb_kuesioner');
    $this->db->where('id_projek', $id);
    $data['kuesioner'] = $this->db->get()->num_rows();

    $this->db->from('tb_jawaban');
    $this->db->join('tb_kuesioner',
'tb_kuesioner.id_kuesioner=tb_jawaban.id_kuesioner');
    $this->db->where('tb_kuesioner.id_projek', $id);
    $data['jawaban'] = $this->db->get()->num_rows();

    $data['title'] = 'Home Projek';
    $this->load->view('admin_templates/header', $data);
    $this->load->view('admin_templates/sidebar', $data);
    $this->load->view('admin_templates/topbar', $data);
    $this->load->view('spk/home', $data);
    $this->load->view('admin_templates/footer', $data);
}

```

```

    }

    //dimensi
    public function dimensi($id) {

        $data['identitas'] = $this->IdentitasWeb->getIdentitas();
        $data['admin'] = $this->IdentitasWeb->getAdmin();
        $this->db->from('tb_projek');
        $this->db->where('id_projek', $id);
        $data['projek'] = $this->db->get()->row_array();

        $data['title'] = 'Dimensi';
        $this->load->view('admin_templates/header', $data);
        $this->load->view('admin_templates/sidebar', $data);
        $this->load->view('admin_templates/topbar', $data);
        $this->load->view('spk/dimensi', $data);
        $this->load->view('admin_templates/footer', $data);

    }

    public function datadimensi($id) {
        $req=$_REQUEST;
        $this->db->from('tb_dimensi');
        $this->db->where('id_projek', $id);

        //pencarian data
        if ($req['search']['value']) {
            $cari=$req['search']['value'];
            $kunci=array('dimensi'=> $cari);
            $this->db->group_start();
            $this->db->or_like($kunci);
            $this->db->group_end();
        }
        $qry=$this->db->get();
        $total=$qry->num_rows();
        //konversi kolom
        $kolom=array('id_dimensi','dimensi','');
        $this->db->from('tb_dimensi');
        $this->db->where('id_projek', $id);

        //pencarian data
        if ($req['search']['value']) {
            $cari=$req['search']['value'];
            $kunci=array('dimensi'=> $cari);
            $this->db->group_start();
            $this->db->or_like($kunci);
            $this->db->group_end();
        }
        //urutan data
        $this->db->
>order_by($kolom[$req['order'][0]['column']], $req['order'][0]['dir']);
        $this->db->limit($req['length'], $req['start']);
        $query=$this->db->get();
        $qry=$query->result();

        $isinya=array();
        foreach ($qry as $hasil) {
            $datanya=array();
            $datanya[]=$hasil->id_dimensi;
            $datanya[]=$hasil->dimensi;
            $datanya[]='
            <ul class="icons-list">
                <li class="dropdown">
                    <a href="#" class="dropdown-toggle" data-
toggle="dropdown">
                        <i class="icon-menu9"></i>

```

```

        </a>
        <ul class="dropdown-menu dropdown-menu-right">
            <li><a href="javascript:void(0);"
class="edit_data" id="' . $hasil->id_dimensi .'" data-toggle="modal"
data-target="#edit_data_Modal" data-backdrop="static"><i class="icon-
pencil5"></i> Edit </a></li>
            <li><a class="delete_data" id="' . $hasil-
>id_dimensi .'-'. $hasil->dimensi .'" href="javascript:void(0);"><i
class="icon-trash"></i> Hapus </a></li>
        </ul>
    </li>
</ul>';

        $isinya[]=$datanya;
    }

$result=array('recordsTotal'=>$total,'recordsFiltered'=>$total,'data'=>
$isinya);
    echo json_encode($result);
}

public function tambahdimensi(){

    $this->form_validation-
>set_rules('name','Name','required|trim');

    if($this->form_validation->run() === FALSE ){

        $this->session->set_flashdata('message','<div class="alert
alert-warning alert-styled-left alert-arrow-left alert-bordered">
        <button type="button" class="close" data-
dismiss="alert"><span>✕;</span><span class="sr-
only">Close</span></button>
        '.validation_errors().'
        </div>');

    }else{
        $data = [
            'dimensi' => $this->input->post('name', true),
            'id_projek' => $this->input->post('idprojek', true),
        ];
        if($this->db->insert('tb_dimensi', $data)){
            $this->session->set_flashdata('message','<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
            <button type="button" class="close" data-
dismiss="alert"><span>✕;</span><span class="sr-
only">Close</span></button>
            <span class="text-semibold">Berhasil!</span> Data
berhasil ditambahkan !
            </div>');
        }else{
            $this->session->set_flashdata('message','
            <div class="alert alert-warning alert-styled-left">
            <button type="button" class="close" data-
dismiss="alert"><span>✕;</span><span class="sr-
only">Close</span></button>
            <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
            </div>');
        }
    }
}

```



```
dismiss="alert"><span>vlt;/span><span class="sr-
only">Close</span></button>
    <span class="text-semibold">Berhasil!</span> Data berhasil
dihapus !
</div>');
}
}
```

```
//variable
public function variable($id){
    $data['identitas'] = $this->IdentitasWeb->getIdentitas();
    $data['admin'] = $this->IdentitasWeb->getAdmin();
    $this->db->from('tb_projek');
    $this->db->where('id_projek', $id);
    $data['projek'] = $this->db->get()->row_array();

    $data['title'] = 'variable';
    $this->load->view('admin_templates/header', $data);
    $this->load->view('admin_templates/sidebar', $data);
    $this->load->view('admin_templates/topbar', $data);
    $this->load->view('spk/variable', $data);
    $this->load->view('admin_templates/footer', $data);
}
}
```

```
public function datavariabel($id) {
    $req=$_REQUEST;
    $this->db->from('tb_variabel');
    $this->db->where('id_projek', $id);
    //pencarian data
    if ($req['search']['value']) {
        $cari=$req['search']['value'];
        $kunci=array('variabel'=> $cari);
        $this->db->group_start();
        $this->db->or_like($kunci);
        $this->db->group_end();
    }
    $qry=$this->db->get();
    $total=$qry->num_rows();
    //konversi kolom
    $kolom=array('id_variabel','variabel','');
    $this->db->from('tb_variabel');
    $this->db->where('id_projek', $id);
    //pencarian data
    if ($req['search']['value']) {
        $cari=$req['search']['value'];
        $kunci=array('variabel'=> $cari);
        $this->db->group_start();
        $this->db->or_like($kunci);
        $this->db->group_end();
    }
    //urutan data
    $this->db->
>order_by($kolom[$req['order'][0]['column']], $req['order'][0]['dir']);
    $this->db->limit($req['length'], $req['start']);
    $query=$this->db->get();
    $qry=$query->result();

    $isinya=array();
    foreach ($qry as $hasil) {
        $datanya=array();
        $datanya[]=$hasil->id_variabel;
        $datanya[]=$hasil->variabel;
        $datanya[]=$hasil->inisial;
    }
}
```

```

        $datanya[]='
        <ul class="icons-list">
            <li class="dropdown">
                <a href="#" class="dropdown-toggle" data-
toggle="dropdown">
                    <i class="icon-menu9"></i>
                </a>
                <ul class="dropdown-menu dropdown-menu-right">
                    <li><a href="javascript:void(0);"
class="edit_data" id="'. $hasil->id_variable .' " data-toggle="modal"
data-target="#edit_data_Modal" data-backdrop="static"><i class="icon-
pencil5"></i> Edit </a></li>
                    <li><a class="delete_data" id="'. $hasil-
>id_variable .'-' . $hasil->variable .' " href="javascript:void(0);"><i
class="icon-trash"></i> Hapus </a></li>
                </ul>
            </li>
        </ul>';

        $isinya[]=$datanya;
    }

$result=array('recordsTotal'=>$total,'recordsFiltered'=>$total,'data'=>
$isinya);
    echo json_encode($result);
}

public function tambahvariable(){

    $this->form_validation-
>set_rules('name','Name','required|trim');

    if($this->form_validation->run() === FALSE ){

        $this->session->set_flashdata('message', '<div class="alert
alert-warning alert-styled-left alert-arrow-left alert-bordered">
            <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
            '.validation_errors().'
        </div>');
    }else{
        $data = [
            'variable' => $this->input->post('name', true),
            'id_projek' => $this->input->post('idprojek', true),
        ];
        if($this->db->insert('tb_variable', $data)){
            $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
                <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
                <span class="text-semibold">Berhasil!</span> Data
berhasil ditambahkan !
            </div>');
        }else{
            $this->session->set_flashdata('message', '
            <div class="alert alert-warning alert-styled-left">
                <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-

```

```

only">Close</span></button>
        <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
    </div>');
    }

}

}

}

public function editvariable() {

    $this->form_validation-
>set_rules('namee', 'Name', 'required|trim');

    if($this->form_validation->run() == FALSE ) {

        $this->session->set_flashdata('message', '<div class="alert
alert-warning alert-styled-left alert-arrow-left alert-bordered">
        <button type="button" class="close" data-
dismiss="alert"><span>\t;/span><span class="sr-
only">Close</span></button>
        '.validation_errors().'
        </div>');

    }else{
        $data = [
            'variable' => $this->input->post('namee', true)
        ];
        $this->db->where('id_variable', $this->input->post('id',
true));
        if($this->db->update('tb_variable', $data)){
            $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
            <button type="button" class="close" data-
dismiss="alert"><span>\t;/span><span class="sr-
only">Close</span></button>
            <span class="text-semibold">Berhasil!</span> Data
berhasil diubah !
            </div>');
        }else{
            $this->session->set_flashdata('message', '
            <div class="alert alert-warning alert-styled-left">
            <button type="button" class="close" data-
dismiss="alert"><span>\t;/span><span class="sr-
only">Close</span></button>
            <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
            </div>');
        }
    }
}

public function fetchvariable() {
    $id = $this->input->post('id', true);
    $this->db->from('tb_variable');
    $this->db->where('id_variable', $id);
    $qry=$this->db->get();
    $row = $qry->row_array();
    echo json_encode($row);
}

```

```

    public function hapusvariable($id) {
        $this->db->where('id_variable', $id);
        $this->db->delete('tb_variable');
        $this->session->set_flashdata('message', '<div class="alert
alert-success alert-styled-left alert-arrow-left alert-bordered">
        <button type="button" class="close" data-
dismiss="alert"><span>\lt;/span><span class="sr-
only">Close</span></button>
        <span class="text-semibold">Berhasil!</span> Data berhasil
dihapus !
        </div>');
    }

```

```
//kuesioner
```

```

    public function kuesioner($id) {
        $data['identitas'] = $this->IdentitasWeb->getIdentitas();
        $data['admin'] = $this->IdentitasWeb->getAdmin();
        $this->db->from('tb_projek');
        $this->db->where('id_projek', $id);
        $data['projek'] = $this->db->get()->row_array();

        $data['menu'] = $this->db->get_where('tb_dimensi', ['id_projek'
=> $id])->result_array();
        $data['var'] = $this->db->get_where('tb_variable', ['id_projek'
=> $id])->result_array();
        $data['title'] = 'Kuesioner';
        $this->load->view('admin_templates/header', $data);
        $this->load->view('admin_templates/sidebar', $data);
        $this->load->view('admin_templates/topbar', $data);
        $this->load->view('spk/kuesioner', $data);
        $this->load->view('admin_templates/footer', $data);
    }

```

```

    public function datakuesioner($id) {
        $req=$_REQUEST;
        $this->db->from('tb_kuesioner');
        $this->db-
>join('tb_dimensi','tb_dimensi.id_dimensi=tb_kuesioner.id_dimensi');
        $this->db-
>join('tb_variable','tb_variable.id_variable=tb_kuesioner.id_variable')
;
        $this->db->where('tb_kuesioner.id_projek', $id);

        //pencarian data
        if ($req['search']['value']) {
            $cari=$req['search']['value'];
            $kunci=array('attribute'=> $cari, 'dimensi' => $cari);
            $this->db->group_start();
            $this->db->or_like($kunci);
            $this->db->group_end();
        }
        $qry=$this->db->get();
        $total=$qry->num_rows();
        //konversi kolom
        $kolom=array('id_kuesioner','atribute','dimensi','variable','inisial','
');
        $this->db->from('tb_kuesioner');
        $this->db-
>join('tb_dimensi','tb_dimensi.id_dimensi=tb_kuesioner.id_dimensi');

```

```

        $this->db->
>join('tb_variable','tb_variable.id_variable=tb_kuesioner.id_variable')
;
        $this->db->where('tb_kuesioner.id_projek', $id);

        //pencarian data
        if ($req['search']['value']) {
            $cari=$req['search']['value'];
            $kunci=array('attribute'=> $cari, 'dimensi' => $cari);
            $this->db->group_start();
            $this->db->or_like($kunci);
            $this->db->group_end();
        }
        //urutan data
        $this->db->
>order_by($kolom[$req['order']][0]['column'],$req['order']][0]['dir']);
        $this->db->limit($req['length'],$req['start']);
        $query=$this->db->get();
        $qry=$query->result();

        $isinya=array();
        foreach ($qry as $hasil) {
            $datanya=array();
            $datanya[]=$hasil->id_kuesioner;
            $datanya[]=$hasil->dimensi;
            $datanya[]=$hasil->atribute;
            $datanya[]=$hasil->variable;
            $datanya[]=$hasil->inisial;
            $datanya[]='
            <ul class="icons-list">
                <li class="dropdown">
                    <a href="#" class="dropdown-toggle" data-
toggle="dropdown">
                        <i class="icon-menu9"></i>
                    </a>

                    <ul class="dropdown-menu dropdown-menu-right">
                        <li><a href="javascript:void(0);"
class="edit_data" id="'. $hasil->id_kuesioner .'" data-toggle="modal"
data-target="#edit_data_Modal" data-backdrop="static"><i class="icon-
pencil5"></i> Edit </a></li>
                        <li><a class="delete_data" id="'. $hasil->
>id_kuesioner .'-'. $hasil->atribute .'" href="javascript:void(0);"><i
class="icon-trash"></i> Hapus </a></li>
                    </ul>
                </li>
            </ul>';

            $isinya[]=$datanya;
        }

        $result=array('recordsTotal'=>$total,'recordsFiltered'=>$total,'data'=>
$isinya);
        echo json_encode($result);
    }

    public function tambahkuesioner() {

        $this->form_validation-
>set_rules('kode','Name','required|trim|min_length[2]|max_length[50]',[
            'min_length' => 'Name too short !',
            'max_length' => 'Name too long !'
        ]);
    }

```

```

        if($this->form_validation->run() === FALSE ){

            $this->session->set_flashdata('message', '<div class="alert
alert-warning alert-styled-left alert-arrow-left alert-bordered">
            <button type="button" class="close" data-
dismiss="alert"><span>\lt;/span><span class="sr-
only">Close</span></button>
            '.validation_errors().'
            </div>');

        }else{
            $data = [
                'atribute' => $this->input->post('kode', true),
                'id_dimensi' => $this->input->post('menu', true),
                'id_variable' => $this->input->post('var', true),
                'id_projek' => $this->input->post('idprojek', true)
            ];
            if($this->db->insert('tb_kuesioner', $data)){
                $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
                <button type="button" class="close" data-
dismiss="alert"><span>\lt;/span><span class="sr-
only">Close</span></button>
                <span class="text-semibold">Berhasil!</span> Data
berhasil ditambahkan !
                </div>');
            }else{
                $this->session->set_flashdata('message', '
                <div class="alert alert-warning alert-styled-left">
                <button type="button" class="close" data-
dismiss="alert"><span>\lt;/span><span class="sr-
only">Close</span></button>
                <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
                </div>');
            }
        }
    }
}

public function editkuesioner(){

    $this->form_validation-
>set_rules('kodee', 'Name', 'required|trim|min_length[2]|max_length[50]',
[
        'min_length' => 'Name too short !',
        'max_length' => 'Name too long !'
    ]);

    if($this->form_validation->run() == FALSE ){

        $this->session->set_flashdata('message', '<div class="alert
alert-warning alert-styled-left alert-arrow-left alert-bordered">
        <button type="button" class="close" data-
dismiss="alert"><span>\lt;/span><span class="sr-
only">Close</span></button>
        '.validation_errors().'
        </div>');

    }else{

```

```

        $data = [
            'atribute' => $this->input->post('kodee', true),
            'id_dimensi' => $this->input->post('menue', true),
            'id_variable' => $this->input->post('vare', true)
        ];
        $this->db->where('id_kuesioner', $this->input->post('id',
true));
        if($this->db->update('tb_kuesioner', $data)){
            $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
                <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
                <span class="text-semibold">Berhasil!</span> Data
berhasil diubah !
            </div>');
        }else{
            $this->session->set_flashdata('message', '
<div class="alert alert-warning alert-styled-left">
                <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
                <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
            </div>');
        }
    }
}

public function fetchkuesioner(){
    $id = $this->input->post('id', true);
    $this->db->from('tb_kuesioner');
    $this->db->where('id_kuesioner', $id);
    $qry=$this->db->get();
    $row = $qry->row_array();
    echo json_encode($row);
}

public function hapuskuesioner($id){
    $this->db->where('id_kuesioner', $id);
    $this->db->delete('tb_kuesioner');
    $this->session->set_flashdata('message', '<div class="alert
alert-success alert-styled-left alert-arrow-left alert-bordered">
        <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
        <span class="text-semibold">Berhasil!</span> Data berhasil
dihapus !
    </div>');
}

public function excelkuesioner($id) {
    // create file name
    $fileName = 'kuesioner-' . time() . '.xlsx';
    // load excel library
    $this->load->library('excel');
    $this->db->from('tb_kuesioner');
    $this->db-
>join('tb_dimensi', 'tb_dimensi.id_dimensi=tb_kuesioner.id_dimensi');
    $this->db-
>join('tb_variable', 'tb_variable.id_variable=tb_kuesioner.id_variable')

```

```

;
    $this->db->where('tb_kuesioner.id_projek', $id);

    $empInfo = $this->db->get()->result_array();
    $objPHPExcel = new PHPEXcel();

    $objPHPExcel->getProperties()->setCreator('ade suryadi')
        ->setLastModifiedBy('ade suryadi')
        ->setTitle("Kuesioner")
        ->setSubject("Kuesioner")
        ->setDescription("Kuesioner")
        ->setKeywords("Kuesioner");

    // Buat sebuah variabel untuk menampung pengaturan style dari
header tabel
    $style_col = array(
        'font' => array('bold' => true), // Set font nya jadi bold
        'alignment' => array(
            'horizontal' =>
PHPExcel_Style_Alignment::HORIZONTAL_CENTER, // Set text jadi ditengah
secara horizontal (center)
            'vertical' => PHPEXcel_Style_Alignment::VERTICAL_CENTER
// Set text jadi di tengah secara vertical (middle)
        ),
        'borders' => array(
            'top' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border top dengan garis
tipis
            'right' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border right dengan garis
tipis
            'bottom' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border bottom dengan garis
tipis
            'left' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN) // Set border left dengan garis
tipis
        )
    );

    // Buat sebuah variabel untuk menampung pengaturan style dari
isi tabel
    $style_row = array(
        'alignment' => array(
            'horizontal' =>
PHPExcel_Style_Alignment::HORIZONTAL_LEFT, // Set text jadi ditengah
secara horizontal (left)
            'vertical' => PHPEXcel_Style_Alignment::VERTICAL_CENTER
// Set text jadi di tengah secara vertical (middle)
        ),
        'borders' => array(
            'top' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border top dengan garis
tipis
            'right' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border right dengan garis
tipis
            'bottom' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border bottom dengan garis
tipis
            'left' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN) // Set border left dengan garis
tipis
        )
    );

```

```

        $dat = date("Y-m-d H:i:s");

        $objPHPExcel->setActiveSheetIndex(0)->setCellValue('A1', "DATA
KUESIONER"); // Set kolom A1 dengan tulisan "DATA SISWA"
        $objPHPExcel->getActiveSheet()->mergeCells('A1:C1'); // Set
Merge Cell pada kolom A1 sampai F1
        $objPHPExcel->getActiveSheet()->getStyle('A1')->getFont()-
>setBold(TRUE); // Set bold kolom A1
        $objPHPExcel->getActiveSheet()->getStyle('A1')->getFont()-
>setSize(15); // Set font size 15 untuk kolom A1
        $objPHPExcel->getActiveSheet()->getStyle('A1')->getAlignment()-
>setHorizontal(PHPExcel_Style_Alignment::HORIZONTAL_LEFT); // Set text
center untuk kolom A1

        $objPHPExcel->getActiveSheet()->mergeCells('A2:C2');
        $objPHPExcel->setActiveSheetIndex(0)->setCellValue('A2',
"Tanggal Download : '. $dat .'");

        // Buat header tabel nya pada baris ke 3
        $objPHPExcel->setActiveSheetIndex(0)-
>setCellValueExplicit('A3', "Dimensi",
PHPExcel_Cell_DataType::TYPE_STRING);
        $objPHPExcel->setActiveSheetIndex(0)->setCellValue('B3',
"Atribute");
        $objPHPExcel->setActiveSheetIndex(0)->setCellValue('C3',
"Variable");

        // Apply style header yang telah kita buat tadi ke masing-
masing kolom header
        $objPHPExcel->getActiveSheet()->getStyle('A3')-
>applyFromArray($style_col);
        $objPHPExcel->getActiveSheet()->getStyle('B3')-
>applyFromArray($style_col);
        $objPHPExcel->getActiveSheet()->getStyle('C3')-
>applyFromArray($style_col);

        // Set height baris ke 1, 2 dan 3
        $objPHPExcel->getActiveSheet()->getRowDimension('1')-
>setRowHeight(20);
        $objPHPExcel->getActiveSheet()->getRowDimension('2')-
>setRowHeight(20);
        $objPHPExcel->getActiveSheet()->getRowDimension('3')-
>setRowHeight(20);

        // set Row isi baris ke 4
        $rowCount = 4;
        foreach ($empInfo as $element) {

            $objPHPExcel->getActiveSheet()->SetCellValue('A' .
$rowCount, $element['dimensi']);
            $objPHPExcel->getActiveSheet()->SetCellValue('B' .
$rowCount, $element['atribute']);
            $objPHPExcel->getActiveSheet()->SetCellValue('C' .
$rowCount, $element['variable']);

            // Apply style row yang telah kita buat tadi ke masing-
masing baris (isi tabel)
            $objPHPExcel->getActiveSheet()->getStyle('A' . $rowCount)-
>applyFromArray($style_row);
            $objPHPExcel->getActiveSheet()->getStyle('B' . $rowCount)-
>applyFromArray($style_row);
            $objPHPExcel->getActiveSheet()->getStyle('C' . $rowCount)-
>applyFromArray($style_row);

```

```

        $rowCount++;
    }

    // Set width kolom
    $objPHPExcel->getActiveSheet()->getColumnDimension('A')->
setWidth(20); // Set width kolom A
    $objPHPExcel->getActiveSheet()->getColumnDimension('B')->
setWidth(20); // Set width kolom
    $objPHPExcel->getActiveSheet()->getColumnDimension('C')->
setWidth(20); // Set width kolom A

    // Set orientasi kertas jadi LANDSCAPE
    $objPHPExcel->getActiveSheet()->getPageSetup()->
setOrientation(PHPExcel_Worksheet_PageSetup::ORIENTATION_LANDSCAPE);

    // Set judul file excel nya
    $objPHPExcel->getActiveSheet(0)->setTitle("Kuesioner");
    $objPHPExcel->setActiveSheetIndex(0);

    // download file
    header('Content-Type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet');
    header('Content-Disposition: attachment;filename="'. $fileName. '"');
    header('Cache-Control: max-age=0');
    // If you're serving to IE 9, then the following may be needed
    header('Cache-Control: max-age=1');

    // If you're serving to IE over SSL, then the following may be
needed
    header ('Expires: Mon, 26 Jul 1997 05:00:00 GMT'); // Date in
the past
    header ('Last-Modified: '.gmdate('D, d M Y H:i:s').' GMT'); //
always modified
    header ('Cache-Control: cache, must-revalidate'); // HTTP/1.1
    header ('Pragma: public'); // HTTP/1.0

    $objWriter = new PHPExcel_Writer_Excel2007($objPHPExcel);
    $objWriter->save('php://output');

}

public function cetakkuesioner($id){
    $this->db->from('tb_kuesioner');
    $this->db->
>join('tb_dimensi','tb_dimensi.id_dimensi=tb_kuesioner.id_dimensi');
    $this->db->
>join('tb_variable','tb_variable.id_variable=tb_kuesioner.id_variable')
;
    $this->db->where('tb_kuesioner.id_projek', $id);
    $data['user']=$this->db->get()->result_array();
    $this->db->from('tb_projek');
    $this->db->where('id_projek', $id);
    $data['projek'] = $this->db->get()->row_array();

    $this->load->view('spk/cetakkuesioner', $data);

}

public function cetakkuesionerPdf($id) {

```

```

        // As PDF creation takes a bit of memory, we're saving the
        created file in /downloads/reports/
        $filename = 'kuesioner';

        $pdfFilePath = FCPATH."/assets/images/pdf/$filename.pdf";

        //$data['page_title'] = 'Hello world'; // pass data to the view

        ini_set('memory_limit','320M'); // boost the memory limit
        if it's low ;)
        $pdf = new \Mpdf\Mpdf();
        $this->db->from('tb_projek');
        $this->db->where('id_projek', $id);
        $data['projek'] = $this->db->get()->row_array();

        $this->db->from('tb_kuesioner');
        $this->db->
>join('tb_dimensi','tb_dimensi.id_dimensi=tb_kuesioner.id_dimensi');
        $this->db->
>join('tb_variable','tb_variable.id_variable=tb_kuesioner.id_variable')
;
        $this->db->where('tb_kuesioner.id_projek', $id);

        $data['user']=$this->db->get()->result_array();

        $html = $this->load->view('spk/cetakKuesionerpdf', $data,
true); // render the view into HTML

        //$this->load->library('pdf');

        //$pdf = $this->pdf->load();

        //$pdf->
>SetFooter($_SERVER['HTTP_HOST'].'|{PAGENO}|'.date(DATE_RFC822)); //
Add a footer for good measure ;)

        //$pdf->SetHTMLHeader('
        //<div style="text-align: right; font-size:10px">
        //    Data Pengguna Sistem Kemahasiswaan Universitas Bina
Sarana Informatika
        //</div>');
        $pdf->SetHTMLFooter('
        <table width="100%" style="font-size:10px">
            <tr>
                <td width="33%">{DATE j-m-Y}</td>
                <td width="33%" align="center">{PAGENO}/{nbpg}</td>
                <td width="33%" style="text-align: right;">SPK</td>
            </tr>
        </table>');

        //$pdf->SetDisplayMode('fullpage');
        //$pdf->AddPage('P','', '', '', 5,5,25,22,0,0);
        $pdf->SetTitle("Kuesioner");
        $pdf->SetAuthor("Ade Suryadi");
        $pdf->SetKeywords("Data Kuesioner");
        $pdf->SetSubject("Data Kuesioner");
        $pdf->SetCreator("adesuryadi587@gmail.com");

        //$mpdf->
>SetWatermarkImage('../assets/images/logo/'.$$infobis['logo_bisnis'],
0.1, 'D', array(100,100));
        //$mpdf->showWatermarkImage = true;
        $pdf->SetWatermarkText("SPK");
        $pdf->showWatermarkText = true;
        $pdf->watermarkTextAlpha = 0.1;

```

```

        $pdf->WriteHTML($html); // write the HTML into the PDF

        $pdf->Output($pdfFilePath, 'F'); // save to file because we
can, D = download

        redirect("/assets/images/pdf/$filename.pdf");

    }

    public function previewkuesioner() {
        // create file name
        $fileName = 'preview.xlsx';
        // load excel library
        $this->load->library('excelreader');
        $excelreader = new PHPExcel_Reader_Excel2007();
        $loadexcel = $excelreader->load(FCPATH .
'assets/images/spk/' . $fileName);
        $data['sheet'] = $loadexcel->getActiveSheet()->toArray(null,
true, true, true);

        $data['identitas'] = $this->IdentitasWeb->getIdentitas();
        $data['admin'] = $this->IdentitasWeb->getAdmin();
        $data['title'] = 'Import Data';
        $this->load->view('admin_templates/header', $data);
        $this->load->view('admin_templates/sidebar', $data);
        $this->load->view('admin_templates/topbar', $data);
        $this->load->view('spk/importkuesioner', $data);
        $this->load->view('admin_templates/footer', $data);

    }

    public function uploadkuesioner() {

        $upload_image = $_FILES['foto']['name'];
        if($upload_image){
            unlink(FCPATH . 'assets/images/spk/preview.xlsx');
            $new_name = 'preview.xlsx';
            $config['file_name'] = $new_name;
            $config['upload_path'] = './assets/images/spk/';
            $config['allowed_types'] = 'xls|xlsx';
            $config['max_size'] = '5048';

            $this->load->library('upload', $config);

            if($this->upload->do_upload('foto')){
                $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
                    <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
                    <span class="text-semibold">Berhasil!</span> Data
berhasil diubah !
                </div>');
            }else{
                $this->session->set_flashdata('message', '<div
class="alert alert-warning alert-styled-left">
                    <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
                    <span class="text-semibold">Gagal!</span> Terjadi
kesalahan pada file anda. Silahkan coba lagi !
                </div>');
            }
        }
    }

```

```

    }
}

}

}

public function importkuesioner($id) {
    // create file name
    $fileName = 'preview.xlsx';
    // load excel library
    $this->load->library('excelreader');
    $excelreader = new PHPExcel_Reader_Excel2007();
    $loadexcel = $excelreader->load(FCPATH .
'assets/images/spk/' . $fileName);
    $sheet = $loadexcel->getActiveSheet()->toArray(null, true, true
,true);

    $numrow = 0;
    foreach($sheet as $row){
        // Ambil data pada excel sesuai Kolom
        $nama = str_replace("_x000D_", " ", $row['A']);
        $nip = str_replace("_x000D_", " ", $row['B']);
        $akronim = str_replace("_x000D_", " ", $row['C']);


        // Cek jika semua data tidak diisi
        if(empty($nama) && empty($nip))
            continue; // Lewat data pada baris ini (masuk ke
looping selanjutnya / baris selanjutnya)
        if($numrow > 2){

            $data = [
                'id_dimensi' => $nama,
                'atribute' => $nip,
                'id_variable' => $akronim
            ];
            $save = $this->db->insert('tb_kuesioner', $data);

        }

        $numrow++; // Tambah 1 setiap kali looping
    }
    if($save){
        $this->session->set_flashdata('message', '<div class="alert
alert-success alert-styled-left alert-arrow-left alert-bordered">
<button type="button" class="close" data-
dismiss="alert"><span>\t\t;/span><span class="sr-
only">Close</span></button>
<span class="text-semibold">Berhasil!</span> Data berhasil
diimport!
</div>');
        redirect('home/kuesioner/' . $id);
    }else{
        $this->session->set_flashdata('message', '
<div class="alert alert-warning alert-styled-left">
<button type="button" class="close" data-
dismiss="alert"><span>\t\t;/span><span class="sr-
only">Close</span></button>
<span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
</div>');
        redirect('home/kuesioner/' . $id);
    }
}

```

```

    }
}

public function responden($id) {

    $data['identitas'] = $this->IdentitasWeb->getIdentitas();
    $data['admin'] = $this->IdentitasWeb->getAdmin();

    $this->db->from('tb_projek');
    $this->db->where('id_projek', $id);
    $data['projek'] = $this->db->get()->row_array();

    $data['title'] = 'Responden';
    $this->load->view('admin_templates/header', $data);
    $this->load->view('admin_templates/sidebar', $data);
    $this->load->view('admin_templates/topbar', $data);
    $this->load->view('spk/index', $data);
    $this->load->view('admin_templates/footer', $data);

}

public function dataresponden($id) {
    $req=$_REQUEST;
    $this->db->from('tb_responden');
    $this->db->where('id_projek', $id);
    //pencarian data
    if ($req['search']['value']) {
        $cari=$req['search']['value'];
        $kunci=array('nama'=> $cari, 'umur' => $cari, 'pendidikan'
=> $cari, 'jeniskelamin'=> $cari, 'pekerjaan' => $cari);
        $this->db->group_start();
        $this->db->or_like($kunci);
        $this->db->group_end();
    }
    $qry=$this->db->get();
    $total=$qry->num_rows();
    //konversi kolom

    $kolom=array('id_responden','nama','jeniskelamin','umur','pendidikan','
pekerjaan','');
    $this->db->from('tb_responden');
    $this->db->where('id_projek', $id);

    //pencarian data
    if ($req['search']['value']) {
        $cari=$req['search']['value'];
        $kunci=array('nama'=> $cari, 'umur' => $cari, 'pendidikan'
=> $cari, 'jeniskelamin'=> $cari, 'pekerjaan' => $cari);
        $this->db->group_start();
        $this->db->or_like($kunci);
        $this->db->group_end();
    }
    //urutan data
    $this->db->
>order_by($kolom[$req['order'][0]['column']], $req['order'][0]['dir']);
    $this->db->limit($req['length'], $req['start']);
    $query=$this->db->get();
    $qry=$query->result();

    $isinya=array();
    foreach ($qry as $hasil) {
        $datanya=array();
        $datanya[]=$hasil->id_responden;
        $datanya[]=$hasil->nama;
        $datanya[]=$hasil->jeniskelamin;
    }
}

```

```

        $datanya[]=$hasil->umur;
        $datanya[]=$hasil->pendidikan;
        $datanya[]=$hasil->pekerjaan;
        $datanya[]='
        <ul class="icons-list">
            <li class="dropdown">
                <a href="#" class="dropdown-toggle" data-
toggle="dropdown">
                    <i class="icon-menu9"></i>
                </a>

                <ul class="dropdown-menu dropdown-menu-right">
                    <li><a href="#"><a href="javascript:void(0);"
class="edit_data" id="'. $hasil->id_responden .' " data-toggle="modal"
data-target="#edit_data_Modal" data-backdrop="static"><i class="icon-
pencil5"></i> Edit </a></li>
                    <li><a class="delete_data" id="'. $hasil-
>id_responden .'-' . $hasil->nama ." href="javascript:void(0);"><i
class="icon-trash"></i> Hapus </a></li>
                </ul>
            </li>
        </ul>';

        $isinya[]=$datanya;
    }

$result=array('recordsTotal'=>$total,'recordsFiltered'=>$total,'data'=>
$isinya);
    echo json_encode($result);
}

public function tambahresponden() {

    $this->form_validation-
>set_rules('name','Name','required|trim');

    if($this->form_validation->run() === FALSE ) {

        $this->session->set_flashdata('message', '<div class="alert
alert-danger alert-dismissible">
            <button type="button" class="close" data-dismiss="alert"
aria-label="Close"><span aria-hidden="true">&times;</span></button>
            <strong><i class="glyphicon glyphicon-warning-sign"></i>
Try Again ! </strong> '.validation_errors().'
            </div>');

    }else{

        $data = [
            'nama' => $this->input->post('name', true),
            'jeniskelamin' => $this->input->post('nip', true),
            'pendidikan' => $this->input->post('email', true),
            'pekerjaan' => $this->input->post('telp', true),
            'umur' => $this->input->post('akronim', true),
            'id_projek' => $this->input->post('idprojek', true)

        ];

        if($this->db->insert('tb_responden', $data)){
            $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
                <button type="button" class="close" data-
dismiss="alert"><span></span><span class="sr-
only">Close</span></button>
                <span class="text-semibold">Berhasil!</span> Satu akun

```

```

berhasil ditambahkan !
        </div>');
    }else{
        $this->session->set_flashdata('message', '<div
class="alert alert-warning alert-styled-left">
        <button type="button" class="close" data-
dismiss="alert"><span>\lt;/span><span class="sr-
only">Close</span></button>
        <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
        </div>');
    }
}
}
}
}

```

```

public function editresponden() {

```

```

    $this->form_validation-
>set_rules('nam', 'Name', 'required|trim');

    if($this->form_validation->run() == FALSE ){

        $this->session->set_flashdata('message', '<div class="alert
alert-warning alert-styled-left">
        <button type="button" class="close" data-
dismiss="alert"><span>\lt;/span><span class="sr-
only">Close</span></button>
        '.validation_errors().' </div>');

    }else{

        $data = [
            'nama' => $this->input->post('nam', true),
            'jeniskelamin' => $this->input->post('ni', true),
            'pendidikan' => $this->input->post('emai', true),
            'pekerjaan' => $this->input->post('tel', true),
            'umur' => $this->input->post('akroni', true)

        ];
        $this->db->where('id_responden', $this->input->post('id',
true));
        if($this->db->update('tb_responden', $data)){
            $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
            <button type="button" class="close" data-
dismiss="alert"><span>\lt;/span><span class="sr-
only">Close</span></button>
            <span class="text-semibold">Berhasil!</span> Satu akun
berhasil diubah !
            </div>');
        }else{
            $this->session->set_flashdata('message', '
            <div class="alert alert-warning alert-styled-left">
            <button type="button" class="close" data-
dismiss="alert"><span>\lt;/span><span class="sr-
only">Close</span></button>
            <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
            </div>');
        }
    }
}
}
}

```

```

    }

    public function hapusresponden($id) {
        $this->db->where('id_responden', $id);
        $this->db->delete('tb_responden');
        $this->session->set_flashdata('message', '<div class="alert alert-
success alert-styled-left alert-arrow-left alert-bordered">
        <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
        <span class="text-semibold">Berhasil!</span> Satu akun berhasil
dihapus !
        </div>');
    }

    public function fetchresponden() {
        $id = $this->input->post('id', true);
        $this->db->from('tb_responden');
        $this->db->where('id_responden', $id);
        $qry=$this->db->get();
        $row = $qry->row_array();
        echo json_encode($row);
    }

    public function excelresponden($id) {
        // create file name
        $fileName = 'dataresponden-' . time() . '.xlsx';
        // load excel library
        $this->load->library('excel');
        $this->db->from('tb_responden');
        $this->db->where('id_projek', $id);
        $empInfo = $this->db->get()->result_array();
        $objPHPExcel = new PHPExcel();

        $objPHPExcel->getProperties()->setCreator('ade suryadi')
            ->setLastModifiedBy('ade suryadi')
            ->setTitle("Data Responden")
            ->setSubject("Data Responden")
            ->setDescription("Data Responden")
            ->setKeywords("Data Responden");

        // Buat sebuah variabel untuk menampung pengaturan style dari
header tabel
        $style_col = array(
            'font' => array('bold' => true), // Set font nya jadi bold
            'alignment' => array(
                'horizontal' =>
PHPExcel_Style_Alignment::HORIZONTAL_CENTER, // Set text jadi ditengah
secara horizontal (center)
                'vertical' => PHPExcel_Style_Alignment::VERTICAL_CENTER
// Set text jadi di tengah secara vertical (middle)
            ),
            'borders' => array(
                'top' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border top dengan garis
tipis
                'right' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border right dengan garis
tipis
                'bottom' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border bottom dengan garis

```

```

tipis
        'left' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN) // Set border left dengan garis
tipis
    )
);

    // Buat sebuah variabel untuk menampung pengaturan style dari
isi tabel
    $style_row = array(
        'alignment' => array(
            'horizontal' =>
PHPExcel_Style_Alignment::HORIZONTAL_LEFT, // Set text jadi ditengah
secara horizontal (left)
            'vertical' => PHPExcel_Style_Alignment::VERTICAL_CENTER
// Set text jadi di tengah secara vertical (middle)
        ),
        'borders' => array(
            'top' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border top dengan garis
tipis
            'right' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border right dengan garis
tipis
            'bottom' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border bottom dengan garis
tipis
            'left' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN) // Set border left dengan garis
tipis
        )
    );

    $dat = date("Y-m-d H:i:s");

    $objPHPExcel->setActiveSheetIndex(0)->setCellValue('A1', "DATA
RESPONDEN"); // Set kolom A1 dengan tulisan "DATA SISWA"
    $objPHPExcel->getActiveSheet()->mergeCells('A1:G1'); // Set
Merge Cell pada kolom A1 sampai F1
    $objPHPExcel->getActiveSheet()->getStyle('A1')->getFont()-
>setBold(TRUE); // Set bold kolom A1
    $objPHPExcel->getActiveSheet()->getStyle('A1')->getFont()-
>setSize(15); // Set font size 15 untuk kolom A1
    $objPHPExcel->getActiveSheet()->getStyle('A1')->getAlignment()-
>setHorizontal(PHPExcel_Style_Alignment::HORIZONTAL_LEFT); // Set text
center untuk kolom A1

    $objPHPExcel->getActiveSheet()->mergeCells('A2:G2');
    $objPHPExcel->setActiveSheetIndex(0)->setCellValue('A2',
"Tanggal Download : '. $dat .'");

    // Buat header tabel nya pada baris ke 3
    $objPHPExcel->setActiveSheetIndex(0)-
>setCellValueExplicit('A3', "Nama",
PHPExcel_Cell_DataType::TYPE_STRING);
    $objPHPExcel->setActiveSheetIndex(0)->setCellValue('B3', "Jenis
Kelamin");
    $objPHPExcel->setActiveSheetIndex(0)->setCellValue('C3',
"Umur");
    $objPHPExcel->setActiveSheetIndex(0)->setCellValue('D3',
"Pendidikan");
    $objPHPExcel->setActiveSheetIndex(0)->setCellValue('E3',
"Pekerjaan");

```

```

        // Apply style header yang telah kita buat tadi ke masing-
masing kolom header
        $objPHPExcel->getActiveSheet()->getStyle('A3')-
>applyFromArray($style_col);
        $objPHPExcel->getActiveSheet()->getStyle('B3')-
>applyFromArray($style_col);
        $objPHPExcel->getActiveSheet()->getStyle('C3')-
>applyFromArray($style_col);
        $objPHPExcel->getActiveSheet()->getStyle('D3')-
>applyFromArray($style_col);
        $objPHPExcel->getActiveSheet()->getStyle('E3')-
>applyFromArray($style_col);

        // Set height baris ke 1, 2 dan 3
        $objPHPExcel->getActiveSheet()->getRowDimension('1')-
>setRowHeight(20);
        $objPHPExcel->getActiveSheet()->getRowDimension('2')-
>setRowHeight(20);
        $objPHPExcel->getActiveSheet()->getRowDimension('3')-
>setRowHeight(20);

        // set Row isi baris ke 4
        $rowCount = 4;
        foreach ($empInfo as $element) {

            $objPHPExcel->getActiveSheet()->SetCellValue('A' .
$rowCount, $element['nama']);
            $objPHPExcel->getActiveSheet()->SetCellValue('B' .
$rowCount, $element['jeniskelamin']);
            $objPHPExcel->getActiveSheet()->SetCellValue('C' .
$rowCount, $element['umur']);
            $objPHPExcel->getActiveSheet()->SetCellValue('D' .
$rowCount, $element['pendidikan']);
            $objPHPExcel->getActiveSheet()->SetCellValue('E' .
$rowCount, $element['pekerjaan']);

            // Apply style row yang telah kita buat tadi ke masing-
masing baris (isi tabel)
            $objPHPExcel->getActiveSheet()->getStyle('A' . $rowCount)-
>applyFromArray($style_row);
            $objPHPExcel->getActiveSheet()->getStyle('B' . $rowCount)-
>applyFromArray($style_row);
            $objPHPExcel->getActiveSheet()->getStyle('C' . $rowCount)-
>applyFromArray($style_row);
            $objPHPExcel->getActiveSheet()->getStyle('D' . $rowCount)-
>applyFromArray($style_row);
            $objPHPExcel->getActiveSheet()->getStyle('E' . $rowCount)-
>applyFromArray($style_row);

            $rowCount++;
        }

        // Set width kolom
        $objPHPExcel->getActiveSheet()->getColumnDimension('A')-
>setWidth(20); // Set width kolom A
        $objPHPExcel->getActiveSheet()->getColumnDimension('B')-
>setWidth(20); // Set width kolom
        $objPHPExcel->getActiveSheet()->getColumnDimension('C')-
>setWidth(20); // Set width kolom A
        $objPHPExcel->getActiveSheet()->getColumnDimension('D')-
>setWidth(40); // Set width kolom A
        $objPHPExcel->getActiveSheet()->getColumnDimension('E')-
>setWidth(20); // Set width kolom A

        // Set orientasi kertas jadi LANDSCAPE

```

```

        $objPHPExcel->getActiveSheet()->getPageSetup()-
>setOrientation(PHPExcel_Worksheet_PageSetup::ORIENTATION_LANDSCAPE);

        // Set judul file excel nya
        $objPHPExcel->getActiveSheet(0)->setTitle("Responden");
        $objPHPExcel->setActiveSheetIndex(0);

        // download file
        header('Content-Type: application/vnd.openxmlformats-
officedocument.spreadsheetml.sheet');
        header('Content-Disposition:
attachment;filename="'. $fileName .'");
        header('Cache-Control: max-age=0');
        // If you're serving to IE 9, then the following may be needed
        header('Cache-Control: max-age=1');

        // If you're serving to IE over SSL, then the following may be
needed
        header ('Expires: Mon, 26 Jul 1997 05:00:00 GMT'); // Date in
the past
        header ('Last-Modified: '.gmdate('D, d M Y H:i:s').' GMT'); //
always modified
        header ('Cache-Control: cache, must-revalidate'); // HTTP/1.1
        header ('Pragma: public'); // HTTP/1.0

        $objWriter = new PHPExcel_Writer_Excel2007($objPHPExcel);
        $objWriter->save('php://output');

    }

```

```

public function cetakresponden($id){
    $this->db->from('tb_responden');
    $this->db->where('id_projek', $id);
    $data['user']=$this->db->get()->result_array();
    $this->db->from('tb_projek');
    $this->db->where('id_projek', $id);
    $data['projek'] = $this->db->get()->row_array();
    $this->load->view('spk/cetakresponden', $data);
}

```

```

public function cetakrespondenPdf($id) {

    // As PDF creation takes a bit of memory, we're saving the
created file in /downloads/reports/
    $filename = 'dataresponden';

    $pdfFilePath = FCPATH."/assets/images/pdf/$filename.pdf";

    //$data['page_title'] = 'Hello world'; // pass data to the view

    ini_set('memory_limit','320M'); // boost the memory limit
if it's low ;)
    $pdf = new \Mpdf\Mpdf();
    $this->db->from('tb_projek');
    $this->db->where('id_projek', $id);
    $data['projek'] = $this->db->get()->row_array();
    $this->db->from('tb_responden');
    $this->db->where('id_projek', $id);
    $data['user']=$this->db->get()->result_array();

    $html = $this->load->view('spk/cetakrespondenpdf', $data,
true); // render the view into HTML

```

```

        // $this->load->library('pdf');

        // $pdf = $this->pdf->load();

        // $pdf-
>SetFooter($_SERVER['HTTP_HOST'].'|{PAGENO}|'.date(DATE_RFC822)); //
Add a footer for good measure ;)

        // $pdf->SetHTMLHeader('
        // <div style="text-align: right; font-size:10px">
        //     Data Pengguna Sistem Kemahasiswaan Universitas Bina
Sarana Informatika
        // </div>');
        $pdf->SetHTMLFooter('
        <table width="100%" style="font-size:10px">
            <tr>
                <td width="33%">{DATE j-m-Y}</td>
                <td width="33%" align="center">{PAGENO}/{nbpg}</td>
                <td width="33%" style="text-align: right;">SPK</td>
            </tr>
        </table>');

        // $pdf->SetDisplayMode('fullpage');
        // $pdf->AddPage('P','','',5,5,25,22,0,0);
        $pdf->SetTitle("Data Pengguna");
        $pdf->SetAuthor("Ade Suryadi");
        $pdf->SetKeywords("Data Responden");
        $pdf->SetSubject("Data Responden");
        $pdf->SetCreator("adesuryadi587@gmail.com");

        // $mpdf-
>SetWatermarkImage('../assets/images/logo/'.$infobis['logo_bisnis'],
0.1, 'D', array(100,100));
        // $mpdf->showWatermarkImage = true;
        $pdf->SetWatermarkText("SPK");
        $pdf->showWatermarkText = true;
        $pdf->watermarkTextAlpha = 0.1;

        $pdf->WriteHTML($html); // write the HTML into the PDF

        $pdf->Output($pdfFilePath, 'F'); // save to file because we
can, D = download

        redirect("/assets/images/pdf/$filename.pdf");

    }

    public function previewresponden() {
        // create file name
        $fileName = 'preview.xlsx';
        // load excel library
        $this->load->library('excelreader');
        $excelreader = new PHPExcel_Reader_Excel2007();
        $loadexcel = $excelreader->load(FCPATH .
'assets/images/spk/'.$fileName);
        $data['sheet'] = $loadexcel->getActiveSheet()->toArray(null,
true, true, true);

        $data['identitas'] = $this->IdentitasWeb->getIdentitas();
        $data['admin'] = $this->IdentitasWeb->getAdmin();
        $data['title'] = 'Import Data';
        $this->load->view('admin_templates/header', $data);
        $this->load->view('admin_templates/sidebar', $data);
        $this->load->view('admin_templates/topbar', $data);
        $this->load->view('spk/importresponden', $data);
    }

```

```

        $this->load->view('admin_templates/footer', $data);
    }

    public function uploadresponden() {
        $upload_image = $_FILES['foto']['name'];
        if($upload_image){
            unlink(FCPATH . 'assets/images/spk/preview.xlsx');
            $new_name = 'preview.xlsx';
            $config['file_name'] = $new_name;
            $config['upload_path'] = './assets/images/spk/';
            $config['allowed_types'] = 'xls|xlsx';
            $config['max_size'] = '5048';

            $this->load->library('upload', $config);

            if($this->upload->do_upload('foto')){
                $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
                    <button type="button" class="close" data-
dismiss="alert"><span>vlt;/span><span class="sr-
only">Close</span></button>
                    <span class="text-semibold">Berhasil!</span> Data
berhasil diubah !
                </div>');
            }else{
                $this->session->set_flashdata('message', '<div
class="alert alert-warning alert-styled-left">
                    <button type="button" class="close" data-
dismiss="alert"><span>vlt;/span><span class="sr-
only">Close</span></button>
                    <span class="text-semibold">Gagal!</span> Terjadi
kesalahan pada file anda. Silahkan coba lagi !
                </div>');
            }
        }
    }

    public function importresponden($id) {
        // create file name
        $fileName = 'preview.xlsx';
        // load excel library
        $this->load->library('excelreader');
        $excelreader = new PHPExcel_Reader_Excel2007();
        $loadexcel = $excelreader->load(FCPATH .
'assets/images/spk/' . $fileName);
        $sheet = $loadexcel->getActiveSheet()->toArray(null, true, true
, true);

        $numrow = 0;
        foreach($sheet as $row){
            // Ambil data pada excel sesuai Kolom
            $nama = str_replace("_x000D_", " ", $row['A']);
            $nip = str_replace("_x000D_", " ", $row['B']);
            $akronim = str_replace("_x000D_", " ", $row['C']);
            $email = str_replace("_x000D_", " ", $row['D']);
            $telp = str_replace("_x000D_", " ", $row['E']);

```

```

        // Cek jika semua data tidak diisi
        if(empty($nama) && empty($nip))
            continue; // Lewat data pada baris ini (masuk ke
looping selanjutnya / baris selanjutnya)
        if($numrow > 2){
            if(empty($email)){
                $email = " ";
            }elseif(empty($stelp)){
                $stelp = " ";
            }elseif(empty($akronim)){
                $akronim = " ";
            }

            $data = [
                'nama' => $nama,
                'jeniskelamin' => $nip,
                'umur' => $akronim,
                'pendidikan' => $email,
                'pekerjaan' => $stelp,
                'id_projek' => $id,

            ];
            $save = $this->db->insert('tb_responden', $data);
        }

        $numrow++; // Tambah 1 setiap kali looping
    }
    if($save){
        $this->session->set_flashdata('message', '<div class="alert
alert-success alert-styled-left alert-arrow-left alert-bordered">
        <button type="button" class="close" data-
dismiss="alert"><span>vlt;/span><span class="sr-
only">Close</span></button>
        <span class="text-semibold">Berhasil!</span> Data berhasil
diimport!
        </div>');
        redirect('home/responden/' . $id);

    }else{
        $this->session->set_flashdata('message', '
        <div class="alert alert-warning alert-styled-left">
        <button type="button" class="close" data-
dismiss="alert"><span>vlt;/span><span class="sr-
only">Close</span></button>
        <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
        </div>');
        redirect('home/responden/' . $id);

    }
}

public function detailjawaban($id){

    $data['identitas'] = $this->IdentitasWeb->getIdentitas();
    $data['admin'] = $this->IdentitasWeb->getAdmin();
    $this->db->from('tb_projek');
    $this->db->where('id_projek', $id);
    $data['projek'] = $this->db->get()->row_array();

    $data['title'] = 'Detail Validitas';
    $this->load->view('admin_templates/header', $data);
    $this->load->view('admin_templates/sidebar', $data);
    $this->load->view('admin_templates/topbar', $data);
    $this->load->view('spk/detailjawaban', $data);
}

```

```

        $this->load->view('admin_templates/footer', $data);

    }

    public function detailreabilitas($id) {

        $data['identitas'] = $this->IdentitasWeb->getIdentitas();
        $data['admin'] = $this->IdentitasWeb->getAdmin();
        $this->db->from('tb_projek');
        $this->db->where('id_projek', $id);
        $data['projek'] = $this->db->get()->row_array();
        $data['title'] = 'Detail Reabilitas';
        $this->load->view('admin_templates/header', $data);
        $this->load->view('admin_templates/sidebar', $data);
        $this->load->view('admin_templates/topbar', $data);
        $this->load->view('spk/detailreabilitas', $data);
        $this->load->view('admin_templates/footer', $data);

    }

    public function jawaban($id) {

        $data['identitas'] = $this->IdentitasWeb->getIdentitas();
        $data['admin'] = $this->IdentitasWeb->getAdmin();
        $this->db->from('tb_projek');
        $this->db->where('id_projek', $id);
        $data['projek'] = $this->db->get()->row_array();

        $data['menu'] = $this->db->get_where('tb_dimensi', ['id_projek'
=> $id])->result_array();
        $data['var'] = $this->db->get_where('tb_variable', ['id_projek'
=> $id])->result_array();
        $data['title'] = 'jawaban';
        $this->load->view('admin_templates/header', $data);
        $this->load->view('admin_templates/sidebar', $data);
        $this->load->view('admin_templates/topbar', $data);
        $this->load->view('spk/jawaban', $data);
        $this->load->view('admin_templates/footer', $data);

    }

    public function dataSubmenu($id) {
        $req=$_REQUEST;
        $this->db->from('tb_jawaban');
        $this->db->
>join('tb_responden','tb_responden.id_responden=tb_jawaban.id_responden
');
        $this->db->
>join('tb_kuesioner','tb_kuesioner.id_kuesioner=tb_jawaban.id_kuesioner
');
        $this->db->
>join('tb_dimensi','tb_dimensi.id_dimensi=tb_kuesioner.id_dimensi');
        $this->db->
>join('tb_variable','tb_variable.id_variable=tb_kuesioner.id_variable')
;
        $this->db->where('tb_kuesioner.id_projek', $id);

        //pencarian data
        if ($req['search']['value']) {
            $cari=$req['search']['value'];
            $kunci=array('atribute'=> $cari, 'jawaban'=> $cari,
'dimensi' => $cari);
            $this->db->group_start();
            $this->db->or_like($kunci);
            $this->db->group_end();
        }
    }

```

```

        $qry=$this->db->get();
        $total=$qry->num_rows();
        //konversi kolom
$kolom=array('id_jawaban','atribute','dimensi','variable','jawaban','')
;
        $this->db->from('tb_jawaban');
        $this->db->
>join('tb_responden','tb_responden.id_responden=tb_jawaban.id_responden
');
        $this->db->
>join('tb_kuesioner','tb_kuesioner.id_kuesioner=tb_jawaban.id_kuesioner
');
        $this->db->
>join('tb_dimensi','tb_dimensi.id_dimensi=tb_kuesioner.id_dimensi');
        $this->db->
>join('tb_variable','tb_variable.id_variable=tb_kuesioner.id_variable')
;
        $this->db->where('tb_kuesioner.id_projek', $id);

        //pencarian data
        if ($req['search']['value']) {
            $cari=$req['search']['value'];
            $kunci=array('atribute'=> $cari, 'jawaban'=> $cari,
'dimensi' => $cari);
            $this->db->group_start();
            $this->db->or_like($kunci);
            $this->db->group_end();
        }
        //urutan data
        $this->db->
>order_by($kolom[$req['order'][0]['column']], $req['order'][0]['dir']);
        $this->db->limit($req['length'], $req['start']);
        $query=$this->db->get();
        $qry=$query->result();

        $isinya=array();
        foreach ($qry as $hasil) {
            $datanya=array();
            $datanya[]=$hasil->id_jawaban;
            $datanya[]=$hasil->nama;
            $datanya[]=$hasil->dimensi;
            $datanya[]=$hasil->atribute;
            $datanya[]=$hasil->variable;
            $datanya[]=$hasil->jawaban;
            $datanya[]='
            <ul class="icons-list">
                <li class="dropdown">
                    <a href="#" class="dropdown-toggle" data-
toggle="dropdown">
                        <i class="icon-menu9"></i>
                    </a>

                    <ul class="dropdown-menu dropdown-menu-right">
                        <li><a href="javascript:void(0);"
class="edit_data" id="'. $hasil->id_jawaban ." " data-toggle="modal"
data-target="#edit_data_Modal" data-backdrop="static"><i class="icon-
pencil5"></i> Edit </a></li>
                        <li><a class="delete_data" id="'. $hasil->
id_jawaban ."-' . $hasil->atribute ." " href="javascript:void(0);"><i
class="icon-trash"></i> Hapus </a></li>
                    </ul>
                </li>
            </ul>' ;

```

```

        $isinya[]=$datanya;
    }

$result=array('recordsTotal'=>$total,'recordsFiltered'=>$total,'data'=>
$isinya);
    echo json_encode($result);
}

public function hitungx($va,$ka,$vr,$id) {

    $data['identitas'] = $this->IdentitasWeb->getIdentitas();
    $data['admin'] = $this->IdentitasWeb->getAdmin();
    $this->db->from('tb_projek');
    $this->db->where('id_projek', $id);
    $data['projek'] = $this->db->get()->row_array();

    $data['title'] = 'jawaban';
    $data['varx'] = $vr;
    $data['va'] = $va;
    $data['ka'] = $ka;

    $this->db->from('tb_jawaban');
    $this->db->
>join('tb_responden','tb_responden.id_responden=tb_jawaban.id_responden
');
    $this->db->
>join('tb_kuesioner','tb_kuesioner.id_kuesioner=tb_jawaban.id_kuesioner
');
    $this->db->where('tb_kuesioner.id_projek', $id);
    $this->db->where('tb_kuesioner.id_variable', $va);
    $this->db->where('tb_jawaban.id_kuesioner', $ka);
    $query=$this->db->get();
    $qry=$query->result_array();
    $totalx=0;
    $totaly=0;
    $totalxy=0;
    $totalx2=0;
    $totaly2=0;
    foreach ($qry as $hasil) {
        $this->db->select_sum('jawaban');
        $this->db->
>join('tb_kuesioner','tb_kuesioner.id_kuesioner=tb_jawaban.id_kuesioner
');
        $this->db->where('tb_kuesioner.id_projek', $id);
        $this->db->where('id_responden',
$hasil['id_responden']);
        $vary = $this->db->get('tb_jawaban')->row_array();

        $xy = $hasil['jawaban'] * $vary['jawaban'];

        $x2 = pow($hasil['jawaban'], 2);
        $y2 = pow($vary['jawaban'], 2);
        $totalx = $totalx + $hasil['jawaban'];
        $totaly = $totaly + $vary['jawaban'];
        $totalxy = $totalxy + $xy;
        $totalx2 = $totalx2 + $x2;
        $totaly2 = $totaly2 + $y2;

    }
    $this->db->from('tb_responden');
    $this->db->where('id_projek', $id);
    $n = $this->db->get()->num_rows();

    $nx2 = $n*$totalxy;
    $xxy = $totalx*$totaly;

```

```

        $bawah = sqrt((( $n*$totalx2) - (pow($totalx,2))) *
(( $n*$totaly2) - (pow($totaly,2))));
        $atas = $nx2 - $xxy;
        $data['semua'] = $atas/$bawah;

```

```

        $data['totalx'] = $totalx;
        $data['totaly'] = $totaly;
        $data['totalxy'] = $totalxy;
        $data['totalx2'] = $totalx2;
        $data['totaly2'] = $totaly2;
        $data['atas'] = $atas;
        $data['bawah'] = $bawah;
        $data['nx2'] = $nx2;
        $data['xxy'] = $xxy;
        $data['n'] = $n;

```

```

        $this->load->view('admin_templates/header', $data);
        $this->load->view('admin_templates/sidebar', $data);
        $this->load->view('admin_templates/topbar', $data);
        $this->load->view('spk/hitungx', $data);
        $this->load->view('admin_templates/footer', $data);

```

```

    }

```

```

    public function datahitungx($va,$ka,$id) {
        $req=$_REQUEST;
        $this->db->from('tb_jawaban');
        $this->db->
>join('tb_responden','tb_responden.id_responden=tb_jawaban.id_responden
');
        $this->db->
>join('tb_kuesioner','tb_kuesioner.id_kuesioner=tb_jawaban.id_kuesioner
');
        $this->db->where('tb_kuesioner.id_projek', $id);
        $this->db->where('tb_kuesioner.id_variable', $va);
        $this->db->where('tb_jawaban.id_kuesioner', $ka);

        //pencarian data
        if ($req['search']['value']) {
            $cari=$req['search']['value'];
            $kunci=array('attribute'=> $cari, 'jawaban'=> $cari,
'dimensi' => $cari);
            $this->db->group_start();
            $this->db->or_like($kunci);
            $this->db->group_end();
        }
        $qry=$this->db->get();
        $total=$qry->num_rows();
        //konversi kolom
        $kolom=array('id_jawaban','atribute','dimensi','variable','jawaban','')
;
        $this->db->from('tb_jawaban');
        $this->db->
>join('tb_responden','tb_responden.id_responden=tb_jawaban.id_responden
');
        $this->db->
>join('tb_kuesioner','tb_kuesioner.id_kuesioner=tb_jawaban.id_kuesioner
');
        $this->db->where('tb_kuesioner.id_projek', $id);
        $this->db->where('tb_kuesioner.id_variable', $va);
        $this->db->where('tb_jawaban.id_kuesioner', $ka);

        //pencarian data
        if ($req['search']['value']) {

```

```

        $cari=$req['search']['value'];
        $kunci=array('atribute'=> $cari, 'jawaban'=> $cari,
'dimensi' => $cari);
        $this->db->group_start();
        $this->db->or_like($kunci);
        $this->db->group_end();
    }
    //urutan data
    $this->db->
>order_by($kolom[$req['order'][0]['column']], $req['order'][0]['dir']);
    $this->db->limit($req['length'], $req['start']);
    $query=$this->db->get();
    $qry=$query->result();
    $no = $req['start']+1;
    $isinya=array();
    foreach ($qry as $hasil) {
        $datanya=array();

        $this->db->select_sum('jawaban');
        $this->db->
>join('tb_kuesioner', 'tb_kuesioner.id_kuesioner=tb_jawaban.id_kuesioner
');
        $this->db->where('tb_kuesioner.id_projek', $id);
        $this->db->where('id_responden', $hasil->id_responden);
        $vary = $this->db->get('tb_jawaban')->row_array();

        $xy = $hasil->jawaban * $vary['jawaban'];

        $x2 = pow($hasil->jawaban, 2);
        $y2 = pow($vary['jawaban'], 2);

        $datanya[]=$no;
        $datanya[]=$hasil->jawaban;
        $datanya[]=$vary['jawaban'];
        $datanya[]=$xy;
        $datanya[]=$x2;
        $datanya[]=$y2;

        $isinya[]=$datanya;
        $no++;
    }

$result=array('recordsTotal'=>$total, 'recordsFiltered'=>$total, 'data'=>
$isinya);
    echo json_encode($result);
}

public function validitas($id){

    $data['identitas'] = $this->IdentitasWeb->getIdentitas();
    $data['admin'] = $this->IdentitasWeb->getAdmin();

    $data['title'] = 'Validitas';
    $this->db->from('tb_projek');
    $this->db->where('id_projek', $id);
    $data['projek'] = $this->db->get()->row_array();

    $this->load->view('admin_templates/header', $data);
    $this->load->view('admin_templates/sidebar', $data);
    $this->load->view('admin_templates/topbar', $data);
    $this->load->view('spk/validitas', $data);
    $this->load->view('admin_templates/footer', $data);

}

```

```

    public function datavaliditas($id) {
        $req=$_REQUEST;
        $this->db->from('tb_kuesioner');
        $this->db->join('tb_variable',
'tb_variable.id_variable=tb_kuesioner.id_variable');
        $this->db->where('tb_kuesioner.id_projek', $id);
        $this->db->order_by('tb_variable.inisial', 'ASC');

        //pencarian data
        if ($req['search']['value']) {
            $cari=$req['search']['value'];
            $kunci=array('id_kuesioner'=> $cari);
            $this->db->group_start();
            $this->db->or_like($kunci);
            $this->db->group_end();
        }
        $qry=$this->db->get();
        $total=$qry->num_rows();
        //konversi kolom
        $kolom=array('id_kuesioner','');
        $this->db->from('tb_kuesioner');
        $this->db->join('tb_variable',
'tb_variable.id_variable=tb_kuesioner.id_variable');
        $this->db->where('tb_kuesioner.id_projek', $id);
        $this->db->order_by('tb_variable.inisial', 'ASC');

        //pencarian data
        if ($req['search']['value']) {
            $cari=$req['search']['value'];
            $kunci=array('id_kuesioner'=> $cari);
            $this->db->group_start();
            $this->db->or_like($kunci);
            $this->db->group_end();
        }
        //urutan data
        $this->db->
>order_by($kolom[$req['order'][0]['column']], $req['order'][0]['dir']);
        $this->db->limit($req['length'], $req['start']);
        $query=$this->db->get();
        $qry=$query->result();
        $this->db->from('tb_responden');
        $this->db->where('id_projek', $id);
        $n = $this->db->get()->num_rows();
        $noo=1;
        $nol=1;
        $noy=1;

        $isinya=array();
        foreach ($qry as $hasil) {
            $datanya=array();
            if($hasil->inisial == "X"){
                $no = $noo++;
            }elseif($hasil->inisial == "Y"){
                $no = $noy++;
            }else{
                $no = $nol++;
            }
        }

        $this->db->from('tb_jawaban');
        $this->db->
>join('tb_responden', 'tb_responden.id_responden=tb_jawaban.id_responden
');
        $this->db->where('tb_jawaban.id_kuesioner', $hasil->
>id_kuesioner);

```

```

        $query=$this->db->get();
        $qry=$query->result_array();
        $totalx=0;
        $totaly=0;
        $totalxy=0;
        $totalx2=0;
        $totaly2=0;
        foreach ($qry as $has) {
            $this->db->select_sum('jawaban');
            $this->db->
>join('tb_kuesioner','tb_kuesioner.id_kuesioner=tb_jawaban.id_kuesioner
');
            $this->db->where('id_responden',
$has['id_responden']);
            $vary = $this->db->get('tb_jawaban')->row_array();

            $xy = $has['jawaban'] * $vary['jawaban'];

            $x2 = pow($has['jawaban'], 2);
            $y2 = pow($vary['jawaban'], 2);
            $totalx = $totalx + $has['jawaban'];
            $totaly = $totaly + $vary['jawaban'];
            $totalxy = $totalxy + $xy;
            $totalx2 = $totalx2 + $x2;
            $totaly2 = $totaly2 + $y2;

        }

        $nx2 = $n*$totalxy;
        $xxy = $totalx*$totaly;
        $bawah = sqrt((( $n*$totalx2) - (pow($totalx,2))) *
(( $n*$totaly2) - (pow($totaly,2))));
        $atas = $nx2 - $xxy;
        $semua = $atas/$bawah;

        $this->db->from('tb_r');
        $this->db->where('id_projek', $hasil->id_projek);
        $rvalue=$this->db->get()->row_array();

        if($semua > $rvalue['r_table']){
            $valid = "Valid";
        }else{
            $valid = "Tidak Valid";
        }

        $datanya[]='<a href="'.
base_url('home/hitungx/').'$hasil->id_variable.'/'. $hasil->
id_kuesioner.'/'. $hasil->inisial . $no.'/'. $id.'" target="_blank"
title="detail">'. $hasil->inisial . $no .'</a>';
        $datanya[]=$n;
        $datanya[]=$totalx;
        $datanya[]=$totaly;
        $datanya[]=$totalxy;
        $datanya[]=$totalx2;
        $datanya[]=$totaly2;
        $datanya[]=round($semua,3);
        $datanya[]=round($rvalue['r_table'],3);
        $datanya[]=$valid;

        $isinya[]=$datanya;
    }

    $result=array('recordsTotal'=>$total,'recordsFiltered'=>$total,'data'=>
$isinya);

```

```

        echo json_encode($result);
    }

    public function reabilitas($id){

        $data['identitas'] = $this->IdentitasWeb->getIdentitas();
        $data['admin'] = $this->IdentitasWeb->getAdmin();

        $data['title'] = 'Reabilitas';
        $this->db->from('tb_projek');
        $this->db->where('id_projek', $id);
        $data['projek'] = $this->db->get()->row_array();

        $this->load->view('admin_templates/header', $data);
        $this->load->view('admin_templates/sidebar', $data);
        $this->load->view('admin_templates/topbar', $data);
        $this->load->view('spk/reabilitas', $data);
        $this->load->view('admin_templates/footer', $data);

    }

    public function datareabilitas($id) {
        $req=$_REQUEST;
        $this->db->from('tb_kuesioner');
        $this->db->join('tb_variable',
'tb_variable.id_variable=tb_kuesioner.id_variable');
        $this->db->where('tb_kuesioner.id_projek', $id);
        $this->db->order_by('tb_variable.inisial', 'ASC');

        //pencarian data
        if ($req['search']['value']) {
            $cari=$req['search']['value'];
            $kunci=array('id_kuesioner'=> $cari);
            $this->db->group_start();
            $this->db->or_like($kunci);
            $this->db->group_end();
        }
        $qry=$this->db->get();
        $total=$qry->num_rows();
        //konversi kolom
        $kolom=array('id_kuesioner','');
        $this->db->from('tb_kuesioner');
        $this->db->join('tb_variable',
'tb_variable.id_variable=tb_kuesioner.id_variable');
        $this->db->where('tb_kuesioner.id_projek', $id);
        $this->db->order_by('tb_variable.inisial', 'ASC');

        //pencarian data
        if ($req['search']['value']) {
            $cari=$req['search']['value'];
            $kunci=array('id_kuesioner'=> $cari);
            $this->db->group_start();
            $this->db->or_like($kunci);
            $this->db->group_end();
        }
        //urutan data
        $this->db->
>order_by($kolom[$req['order'][0]['column']], $req['order'][0]['dir']);
        $this->db->limit($req['length'], $req['start']);
        $query=$this->db->get();
        $qry=$query->result();
        $this->db->from('tb_responden');
        $this->db->where('id_projek', $id);
        $n = $this->db->get()->num_rows();
        $noo=1;
    }

```

```

$no1=1;
$noy=1;

$isinya=array();
foreach ($qry as $hasil) {
    $datanya=array();
    if($hasil->inisial == "X"){
        $no = $noo++;
    }elseif($hasil->inisial == "Y"){
        $no = $noy++;
    }else{
        $no = $no1++;
    }
}

$this->db->from('tb_jawaban');
$this->db->
>join('tb_responden','tb_responden.id_responden=tb_jawaban.id_responden');
    $this->db->where('tb_jawaban.id_kuesioner', $hasil->id_kuesioner);
    $query=$this->db->get();
    $qry=$query->result_array();
    $totalx=0;
    $totalx2=0;
    $totalxx=0;
    foreach ($qry as $has) {
        $totalx = $totalx + $has['jawaban'];
        $totalx2 = $totalx2 + pow($has['jawaban'], 2);
    }

    $totalxx = $totalxx + (pow($totalx, 2) / $n);
    $sigma = $totalx2 - $totalxx;
    $sigma2 = $sigma/$n;

    $this->db->from('tb_r');
    $this->db->where('id_projek', $hasil->id_projek);
    $rvalue=$this->db->get()->row_array();

    if($sigma2 > $rvalue['r_table']){
        $valid = "Valid";
    }else{
        $valid = "Tidak Valid";
    }

    $datanya[]='<a href="'.
base_url('home/hitungx/').'$hasil->id_variable.'/'. $hasil->id_kuesioner.'/'. $hasil->inisial . $no.'/'. $id.'" target="_blank"
title="detail">'. $hasil->inisial . $no .'</a>';
    $datanya[]=$n;
    $datanya[]=$totalx;
    $datanya[]=$totalx2;
    $datanya[]=round($totalxx,3);
    $datanya[]=round($sigma2,3);
    $datanya[]=$rvalue['r_table'];
    $datanya[]=$valid;

    $isinya[]=$datanya;
}

$result=array('recordsTotal'=>$total,'recordsFiltered'=>$total,'data'=>
$isinya);
echo json_encode($result);

```

```

    }

    public function tambahSubmenu() {

        $this->form_validation->
set_rules('kode', 'Name', 'required|trim|min_length[2]|max_length[50]', [
    'min_length' => 'Name too short !',
    'max_length' => 'Name too long !'
]);

        if($this->form_validation->run() === FALSE ) {

            $this->session->set_flashdata('message', '<div class="alert
alert-warning alert-styled-left alert-arrow-left alert-bordered">
                <button type="button" class="close" data-
dismiss="alert"><span>\t;/span><span class="sr-
only">Close</span></button>
                '.validation_errors().'
            </div>');

        }else{
            $data = [
                'atribute' => $this->input->post('kode', true),
                'id_dimensi' => $this->input->post('menu', true),
                'id_variable' => $this->input->post('var', true)
            ];
            if($this->db->insert('tb_jawaban', $data)){
                $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
                    <button type="button" class="close" data-
dismiss="alert"><span>\t;/span><span class="sr-
only">Close</span></button>
                    <span class="text-semibold">Berhasil!</span> Data
berhasil ditambahkan !
                </div>');
            }else{
                $this->session->set_flashdata('message', '
                <div class="alert alert-warning alert-styled-left">
                    <button type="button" class="close" data-
dismiss="alert"><span>\t;/span><span class="sr-
only">Close</span></button>
                    <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
                </div>');
            }
        }
    }
}

```

```

        $this->session->set_flashdata('message', '<div class="alert
alert-warning alert-styled-left alert-arrow-left alert-bordered">
        <button type="button" class="close" data-
dismiss="alert"><span>✕;</span><span class="sr-
only">Close</span></button>
        '.validation_errors().'
        </div>');
    }else{
        $data = [
            'atribute' => $this->input->post('kodee', true),
            'id_dimensi' => $this->input->post('menue', true),
            'id_variable' => $this->input->post('vare', true)
        ];
        $this->db->where('id_jawaban', $this->input->post('id',
true));
        if($this->db->update('tb_jawaban', $data)){
            $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
            <button type="button" class="close" data-
dismiss="alert"><span>✕;</span><span class="sr-
only">Close</span></button>
            <span class="text-semibold">Berhasil!</span> Data
berhasil diubah !
            </div>');
        }else{
            $this->session->set_flashdata('message', '
            <div class="alert alert-warning alert-styled-left">
            <button type="button" class="close" data-
dismiss="alert"><span>✕;</span><span class="sr-
only">Close</span></button>
            <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
            </div>');
        }
    }
}

public function fetchSubmenu(){
    $id = $this->input->post('id', true);
    $this->db->from('tb_jawaban');
    $this->db->where('id_jawaban', $id);
    $qry=$this->db->get();
    $row = $qry->row_array();
    echo json_encode($row);
}

public function hapusjawaban($id){
    $this->db->where('id_jawaban', $id);
    $this->db->delete('tb_jawaban');
    $this->session->set_flashdata('message', '<div class="alert
alert-success alert-styled-left alert-arrow-left alert-bordered">
    <button type="button" class="close" data-
dismiss="alert"><span>✕;</span><span class="sr-
only">Close</span></button>
    <span class="text-semibold">Berhasil!</span> Data berhasil
dihapus !
    </div>');
}

public function adminExcel($id) {

```

```

        // create file name
        $fileName = 'jawaban-' . time() . '.xlsx';
        // load excel library
        $this->load->library('excel');
        $this->db->from('tb_jawaban');
        $this->db->
>join('tb_responden', 'tb_responden.id_responden=tb_jawaban.id_responden
');
        $this->db->
>join('tb_kuesioner', 'tb_kuesioner.id_kuesioner=tb_jawaban.id_kuesioner
');
        $this->db->
>join('tb_dimensi', 'tb_dimensi.id_dimensi=tb_kuesioner.id_dimensi');
        $this->db->
>join('tb_variable', 'tb_variable.id_variable=tb_kuesioner.id_variable')
;
        $this->db->where('tb_kuesioner.id_projek', $id);

        $empInfo = $this->db->get()->result_array();
        $objPHPExcel = new PHPEXcel();

        $objPHPExcel->getProperties()->setCreator('ade suryadi')
            ->setLastModifiedBy('ade suryadi')
            ->setTitle("Data Pengguna")
            ->setSubject("Data Pengguna")
            ->setDescription("Data Pengguna Sistem Ormawa")
            ->setKeywords("Data Pengguna");

        // Buat sebuah variabel untuk menampung pengaturan style dari
header tabel
        $style_col = array(
            'font' => array('bold' => true), // Set font nya jadi bold
            'alignment' => array(
                'horizontal' =>
PHPExcel_Style_Alignment::HORIZONTAL_CENTER, // Set text jadi ditengah
secara horizontal (center)
                'vertical' => PHPEXcel_Style_Alignment::VERTICAL_CENTER
// Set text jadi di tengah secara vertical (middle)
            ),
            'borders' => array(
                'top' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border top dengan garis
tipis
                'right' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border right dengan garis
tipis
                'bottom' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border bottom dengan garis
tipis
                'left' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN) // Set border left dengan garis
tipis
            )
        );

        // Buat sebuah variabel untuk menampung pengaturan style dari
isi tabel
        $style_row = array(
            'alignment' => array(
                'horizontal' =>
PHPExcel_Style_Alignment::HORIZONTAL_LEFT, // Set text jadi ditengah
secara horizontal (left)
                'vertical' => PHPEXcel_Style_Alignment::VERTICAL_CENTER
// Set text jadi di tengah secara vertical (middle)
            ),
            'borders' => array(

```

```

        'top' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border top dengan garis
tipis
        'right' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border right dengan garis
tipis
        'bottom' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN), // Set border bottom dengan garis
tipis
        'left' => array('style' =>
PHPExcel_Style_Border::BORDER_THIN) // Set border left dengan garis
tipis
    )
);

$dat = date("Y-m-d H:i:s");

$objPHPExcel->setActiveSheetIndex(0)->setCellValue('A1',
"JAWABAN KUESIONER"); // Set kolom A1 dengan tulisan "DATA SISWA"
$objPHPExcel->getActiveSheet()->mergeCells('A1:C1'); // Set
Merge Cell pada kolom A1 sampai F1
$objPHPExcel->getActiveSheet()->getStyle('A1')->getFont()-
>setBold(TRUE); // Set bold kolom A1
$objPHPExcel->getActiveSheet()->getStyle('A1')->getFont()-
>setSize(15); // Set font size 15 untuk kolom A1
$objPHPExcel->getActiveSheet()->getStyle('A1')->getAlignment()-
>setHorizontal(PHPExcel_Style_Alignment::HORIZONTAL_LEFT); // Set text
center untuk kolom A1

$objPHPExcel->getActiveSheet()->mergeCells('A2:C2');
$objPHPExcel->setActiveSheetIndex(0)->setCellValue('A2',
"Tanggal Download : '. $dat .'");

// Buat header tabel nya pada baris ke 3
$objPHPExcel->setActiveSheetIndex(0)-
>setCellValueExplicit('A3', "Responden",
PHPExcel_Cell_DataType::TYPE_STRING);
$objPHPExcel->setActiveSheetIndex(0)->setCellValue('B3',
"Atribute");
$objPHPExcel->setActiveSheetIndex(0)->setCellValue('C3',
"Variable");
$objPHPExcel->setActiveSheetIndex(0)->setCellValue('D3',
"Dimensi");
$objPHPExcel->setActiveSheetIndex(0)->setCellValue('E3',
"Jawaban");

// Apply style header yang telah kita buat tadi ke masing-
masing kolom header
$objPHPExcel->getActiveSheet()->getStyle('A3')-
>applyFromArray($style_col);
$objPHPExcel->getActiveSheet()->getStyle('B3')-
>applyFromArray($style_col);
$objPHPExcel->getActiveSheet()->getStyle('C3')-
>applyFromArray($style_col);
$objPHPExcel->getActiveSheet()->getStyle('D3')-
>applyFromArray($style_col);
$objPHPExcel->getActiveSheet()->getStyle('E3')-
>applyFromArray($style_col);

// Set height baris ke 1, 2 dan 3
$objPHPExcel->getActiveSheet()->getRowDimension('1')-
>setRowHeight(20);
$objPHPExcel->getActiveSheet()->getRowDimension('2')-
>setRowHeight(20);

```

```

        $objPHPExcel->getActiveSheet()->getRowDimension('3')-
>setRowHeight(20);

        // set Row isi baris ke 4
        $rowCount = 4;
        foreach ($empInfo as $element) {

            $objPHPExcel->getActiveSheet()->SetCellValue('A' .
$rowCount, $element['nama']);
            $objPHPExcel->getActiveSheet()->SetCellValue('B' .
$rowCount, $element['atribute']);
            $objPHPExcel->getActiveSheet()->SetCellValue('C' .
$rowCount, $element['variable']);
            $objPHPExcel->getActiveSheet()->SetCellValue('D' .
$rowCount, $element['dimensi']);
            $objPHPExcel->getActiveSheet()->SetCellValue('E' .
$rowCount, $element['jawaban']);

            // Apply style row yang telah kita buat tadi ke masing-
masing baris (isi tabel)
            $objPHPExcel->getActiveSheet()->getStyle('A' . $rowCount)-
>applyFromArray($style_row);
            $objPHPExcel->getActiveSheet()->getStyle('B' . $rowCount)-
>applyFromArray($style_row);
            $objPHPExcel->getActiveSheet()->getStyle('C' . $rowCount)-
>applyFromArray($style_row);

            $rowCount++;
        }

        // Set width kolom
        $objPHPExcel->getActiveSheet()->getColumnDimension('A')-
>setWidth(20); // Set width kolom A
        $objPHPExcel->getActiveSheet()->getColumnDimension('B')-
>setWidth(20); // Set width kolom
        $objPHPExcel->getActiveSheet()->getColumnDimension('C')-
>setWidth(20); // Set width kolom A
        $objPHPExcel->getActiveSheet()->getColumnDimension('D')-
>setWidth(20); // Set width kolom A
        $objPHPExcel->getActiveSheet()->getColumnDimension('E')-
>setWidth(20); // Set width kolom A

        // Set orientasi kertas jadi LANDSCAPE
        $objPHPExcel->getActiveSheet()->getPageSetup()-
>setOrientation(PHPExcel_Worksheet_PageSetup::ORIENTATION_LANDSCAPE);

        // Set judul file excel nya
        $objPHPExcel->getActiveSheet(0)->setTitle("jawaban");
        $objPHPExcel->setActiveSheetIndex(0);

        // download file
        header('Content-Type: application/vnd.openxmlformats-
officedocument.spreadsheetml.sheet');
        header('Content-Disposition:
attachment;filename="'.$fileName.'"');
        header('Cache-Control: max-age=0');
        // If you're serving to IE 9, then the following may be needed
        header('Cache-Control: max-age=1');

        // If you're serving to IE over SSL, then the following may be
needed
        header ('Expires: Mon, 26 Jul 1997 05:00:00 GMT'); // Date in
the past
        header ('Last-Modified: '.gmdate('D, d M Y H:i:s').' GMT'); //
always modified

```

```

        header ('Cache-Control: cache, must-revalidate'); // HTTP/1.1
        header ('Pragma: public'); // HTTP/1.0

        $objWriter = new PHPExcel_Writer_Excel2007($objPHPExcel);
        $objWriter->save('php://output');

    }

    public function cetakjawaban($id){
        $this->db->from('tb_projek');
        $this->db->where('id_projek', $id);
        $data['projek'] = $this->db->get()->row_array();

        $this->db->from('tb_jawaban');
        $this->db->
>join('tb_responden','tb_responden.id_responden=tb_jawaban.id_responden
');
        $this->db->
>join('tb_kuesioner','tb_kuesioner.id_kuesioner=tb_jawaban.id_kuesioner
');
        $this->db->
>join('tb_dimensi','tb_dimensi.id_dimensi=tb_kuesioner.id_dimensi');
        $this->db->
>join('tb_variable','tb_variable.id_variable=tb_kuesioner.id_variable')
;
        $this->db->where('tb_kuesioner.id_projek', $id);
        $data['user']=$this->db->get()->result_array();
        $this->load->view('spk/cetakjawaban', $data);

    }

}

    public function previewExcel($id) {
        // create file name
        $fileName = 'preview.xlsx';
        // load excel library
        $this->load->library('excelreader');
        $excelreader = new PHPExcel_Reader_Excel2007();
        $loadexcel = $excelreader->load(FCPATH .
'assets/images/spk/' . $fileName);
        $data['sheet'] = $loadexcel->getActiveSheet()->toArray(null,
true, true ,true);

        $data['identitas'] = $this->IdentitasWeb->getIdentitas();
        $data['admin'] = $this->IdentitasWeb->getAdmin();
        $data['title'] = 'Import Data';
        $this->db->from('tb_projek');
        $this->db->where('id_projek', $id);
        $data['projek'] = $this->db->get()->row_array();

        $this->load->view('admin_templates/header', $data);
        $this->load->view('admin_templates/sidebar', $data);
        $this->load->view('admin_templates/topbar', $data);
        $this->load->view('spk/importjawaban', $data);
        $this->load->view('admin_templates/footer', $data);

    }

    public function uploadExcel() {

```

```

        $upload_image = $_FILES['foto']['name'];
        if($upload_image){
            unlink(FCPATH . 'assets/images/spk/preview.xlsx');
            $new_name = 'preview.xlsx';
            $config['file_name'] = $new_name;
            $config['upload_path'] = './assets/images/spk/';
            $config['allowed_types'] = 'xls|xlsx';
            $config['max_size'] = '5048';

            $this->load->library('upload', $config);

            if($this->upload->do_upload('foto')){
                $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
                    <button type="button" class="close" data-
dismiss="alert"><span>✕; /span><span class="sr-
only">Close</span></button>
                    <span class="text-semibold">Berhasil!</span> Data
berhasil diubah !
                </div>');
            }else{
                $this->session->set_flashdata('message', '<div
class="alert alert-warning alert-styled-left">
                    <button type="button" class="close" data-
dismiss="alert"><span>✕; /span><span class="sr-
only">Close</span></button>
                    <span class="text-semibold">Gagal!</span> Terjadi
kesalahan pada file anda. Silahkan coba lagi !
                </div>');
            }
        }
    }
}

```

```

public function importExcel() {
    // create file name
    $fileName = 'preview.xlsx';
    // load excel library
    $this->load->library('excelreader');
    $excelreader = new PHPExcel_Reader_Excel2007();
    $loadexcel = $excelreader->load(FCPATH .
'assets/images/spk/' . $fileName);
    $sheet = $loadexcel->getActiveSheet()->toArray(null, true, true
,true);

    $numrow = 0;
    foreach($sheet as $row){
        // Ambil data pada excel sesuai Kolom
        $nama = str_replace("_x000D_", " ", $row['A']);
        $nip = str_replace("_x000D_", " ", $row['B']);
        $akronim = str_replace("_x000D_", " ", $row['C']);

        // Cek jika semua data tidak diisi
        if(empty($nama) && empty($nip))
            continue; // Lewat data pada baris ini (masuk ke
looping selanjutnya / baris selanjutnya)
        if($numrow > 2){
            $data = [
                'id_responden' => $nama,

```

```

        'jawaban' => $nip,
        'id_kuesioner' => $akronim
    ];
    $save = $this->db->insert('tb_jawaban', $data);
}

$numrow++; // Tambah 1 setiap kali looping
}
if($save){
    $this->session->set_flashdata('message', '<div class="alert
alert-success alert-styled-left alert-arrow-left alert-bordered">
    <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
    <span class="text-semibold">Berhasil!</span> Data berhasil
diimport!
    </div>');
    redirect('jawaban');
}
else{
    $this->session->set_flashdata('message', '
    <div class="alert alert-warning alert-styled-left">
    <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
    <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
    </div>');
    redirect('jawaban');
}
}

//author

public function author(){

    $data['identitas'] = $this->IdentitasWeb->getIdentitas();
    $data['admin'] = $this->IdentitasWeb->getAdmin();

    $data['level'] = $this->db->get_where('tb_level',
['status_level' => 'aktif'])->result_array();
    $data['title'] = 'Data Admin';
    $this->load->view('admin_templates/header', $data);
    $this->load->view('admin_templates/sidebar', $data);
    $this->load->view('admin_templates/topbar', $data);
    $this->load->view('spk/admin', $data);
    $this->load->view('admin_templates/footer', $data);

}

public function dataAdmin() {
    $req=$_REQUEST;
    $this->db->from('tb_admin');
    $this->db->
>join('tb_level','tb_level.id_level=tb_admin.id_level');
    $this->db->where('status', 'aktif');
    //$this->db->order_by('nama_admin','ASC');

    //pencarian data
    if ($req['search']['value']) {
        $cari=$req['search']['value'];
        $kunci=array('nama_admin'=> $cari, 'akronim' => $cari,
'nip_admin' => $cari, 'email_admin'=> $cari, 'level' => $cari);

```

```

        $this->db->group_start();
        $this->db->or_like($kunci);
        $this->db->group_end();
    }
    $qry=$this->db->get();
    $total=$qry->num_rows();
    //konversi kolom

$kolom=array('nama_admin','nip_admin','akronim','email_admin','level','
gambar_admin','');
    $this->db->from('tb_admin');
    $this->db-
>join('tb_level','tb_level.id_level=tb_admin.id_level');
    $this->db->where('status','aktif');
    // $this->db->order_by('nama_admin','ASC');
    //pencarian data
    if ($req['search']['value']) {
        $cari=$req['search']['value'];
        $kunci=array('nama_admin'=> $cari, 'akronim' => $cari,
'nip_admin' => $cari, 'email_admin'=> $cari, 'level' => $cari);
        $this->db->group_start();
        $this->db->or_like($kunci);
        $this->db->group_end();
    }
    //urutan data
    $this->db-
>order_by($kolom[$req['order'][0]['column']], $req['order'][0]['dir']);
    $this->db->limit($req['length'], $req['start']);
    $query=$this->db->get();
    $qry=$query->result();

    $isinya=array();
    foreach ($qry as $hasil) {
        $datanya=array();
        $datanya[]='<a tabindex="0" href="javascript:void(0);"
class="hover" id="'. $hasil->id_admin .' " rel="popover" data-
placement="" data-original-title="" data-content="">
            <strong>'. $hasil->nama_admin .'</strong>
            </a>';
        $datanya[]=$hasil->email_admin;
        $datanya[]=$hasil->telp_admin;
        $datanya[]='<small>'. $hasil->level .'</small>';
        $datanya[]='nama_admin .' " class="img-
thumbnail" style="max-width:50px;">';
        $datanya[]='
        <ul class="icons-list">
            <li class="dropdown">
                <a href="#" class="dropdown-toggle" data-
toggle="dropdown">
                    <i class="icon-menu9"></i>
                </a>

                <ul class="dropdown-menu dropdown-menu-right">
                    <li><a href="javascript:void(0);"
class="edit_data" id="'. $hasil->id_admin .' " data-toggle="modal" data-
target="#edit_data_Modal" data-backdrop="static"><i class="icon-
pencil5"></i> Edit </a></li>
                    <li><a class="delete_data" id="'. $hasil-
>id_admin .'-' . $hasil->nama_admin .' " href="javascript:void(0);"><i
class="icon-trash"></i> Hapus </a></li>
                    <li><a href="javascript:void(0);"
class="password_data" id="'. $hasil->id_admin .' " data-toggle="modal"
data-target="#password_data_Modal" data-backdrop="static"><i
class="icon-key"></i> Ubah Password</a></li>
                </ul>
            </li>
        </ul>
    }
    }

```

```

        </li>
    </ul>';
}

    $sisinya[]=$datanya;
}

$result=array('recordsTotal'=>$total,'recordsFiltered'=>$total,'data'=>
$sisinya);
    echo json_encode($result);
}

//r tabel

public function rtabel($id){

    $data['identitas'] = $this->IdentitasWeb->getIdentitas();
    $data['admin'] = $this->IdentitasWeb->getAdmin();
    $this->db->from('tb_projek');
    $this->db->where('id_projek', $id);
    $data['projek'] = $this->db->get()->row_array();

    $data['title'] = 'R Tabel';
    $this->load->view('admin_templates/header', $data);
    $this->load->view('admin_templates/sidebar', $data);
    $this->load->view('admin_templates/topbar', $data);
    $this->load->view('spk/rtabel', $data);
    $this->load->view('admin_templates/footer', $data);

}

public function datartabel($id) {
    $req=$_REQUEST;
    $this->db->from('tb_r');
    $this->db->where('id_projek', $id);
    //pencarian data
    if ($req['search']['value']) {
        $cari=$req['search']['value'];
        $kunci=array('r_table'=> $cari);
        $this->db->group_start();
        $this->db->or_like($kunci);
        $this->db->group_end();
    }
    $qry=$this->db->get();
    $total=$qry->num_rows();
    //konversi kolom
    $kolom=array('id_r','r_table','');
    $this->db->from('tb_r');
    $this->db->where('id_projek', $id);

    //pencarian data
    if ($req['search']['value']) {
        $cari=$req['search']['value'];
        $kunci=array('r_table'=> $cari);
        $this->db->group_start();
        $this->db->or_like($kunci);
        $this->db->group_end();
    }
    //urutan data
    $this->db->
>order_by($kolom[$req['order'][0]['column']], $req['order'][0]['dir']);
    $this->db->limit($req['length'], $req['start']);
    $query=$this->db->get();
    $qry=$query->result();

    $sisinya=array();
    foreach ($qry as $hasil) {

```

```

        $datanya=array();
        $datanya[]=$hasil->id_r;
        $datanya[]=$hasil->r_table;
        $datanya[]='
        <ul class="icons-list">
            <li class="dropdown">
                <a href="#" class="dropdown-toggle" data-
toggle="dropdown">
                    <i class="icon-menu9"></i>
                </a>
                <ul class="dropdown-menu dropdown-menu-right">
                    <li><a href="javascript:void(0);"
class="edit_data" id="'. $hasil->id_r .'" data-toggle="modal" data-
target="#edit_data_Modal" data-backdrop="static"><i class="icon-
pencil5"></i> Edit </a></li>
                    <li><a class="delete_data" id="'. $hasil->id_r
. '-'. $hasil->r_table .'" href="javascript:void(0);"><i class="icon-
trash"></i> Hapus </a></li>
                </ul>
            </li>
        </ul>';

        $isinya[]=$datanya;
    }

$result=array('recordsTotal'=>$total,'recordsFiltered'=>$total,'data'=>
$isinya);
    echo json_encode($result);
}

```

```

public function tambahrtabel() {

    $this->form_validation-
>set_rules('name','Name','required|trim');

    if($this->form_validation->run() === FALSE ) {

        $this->session->set_flashdata('message', '<div class="alert
alert-warning alert-styled-left alert-arrow-left alert-bordered">
            <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
            '.validation_errors().'
        </div>');

    }else{
        $data = [
            'r_table' => $this->input->post('name', true),
            'id_projek' => $this->input->post('idprojek', true)
        ];
        if($this->db->insert('tb_r', $data)){
            $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
                <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
                <span class="text-semibold">Berhasil!</span> Data
berhasil ditambahkan !
            </div>');
        }else{
            $this->session->set_flashdata('message', '
            <div class="alert alert-warning alert-styled-left">
            <button type="button" class="close" data-

```

```

dismiss="alert"><span>\lt;/span><span class="sr-
only">Close</span></button>
        <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
    </div>');
}

}

}

public function editrtabel() {

    $this->form_validation-
>set_rules('namee','Name','required|trim');

    if($this->form_validation->run() == FALSE ) {

        $this->session->set_flashdata('message', '<div class="alert
alert-warning alert-styled-left alert-arrow-left alert-bordered">
            <button type="button" class="close" data-
dismiss="alert"><span>\lt;/span><span class="sr-
only">Close</span></button>
            '.validation_errors().'
        </div>');

    }else{
        $data = [
            'r_table' => $this->input->post('namee', true)
        ];
        $this->db->where('id_r', $this->input->post('id', true));
        if($this->db->update('tb_r', $data)){
            $this->session->set_flashdata('message', '<div
class="alert alert-success alert-styled-left alert-arrow-left alert-
bordered">
                <button type="button" class="close" data-
dismiss="alert"><span>\lt;/span><span class="sr-
only">Close</span></button>
                <span class="text-semibold">Berhasil!</span> Data
berhasil diubah !
            </div>');
        }else{
            $this->session->set_flashdata('message', '
            <div class="alert alert-warning alert-styled-left">
                <button type="button" class="close" data-
dismiss="alert"><span>\lt;/span><span class="sr-
only">Close</span></button>
                <span class="text-semibold">Gagal!</span> Silahkan coba
lagi !
            </div>');
        }
    }
}

public function fetchrtabel() {
    $id = $this->input->post('id', true);
    $this->db->from('tb_r');
    $this->db->where('id_r', $id);
    $qry=$this->db->get();
    $row = $qry->row_array();
    echo json_encode($row);
}

```

```
public function hapusrtabel($id){
    $this->db->where('id_r', $id);
    $this->db->delete('tb_r');
    $this->session->set_flashdata('message', '<div class="alert
alert-success alert-styled-left alert-arrow-left alert-bordered">
    <button type="button" class="close" data-
dismiss="alert"><span>✕</span><span class="sr-
only">Close</span></button>
    <span class="text-semibold">Berhasil!</span> Data berhasil
dihapus !
    </div>');
}
}
```