//MASTER FUNCTION

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

class Master extends CI_Controller {
        private $limit=20;
    private $iduser;

        function __construct(){
                parent::__construct();
                $this->load->library(array('form_validation', 'template', 'encrypt'));
                $this->load->model('m_master');
                $this->load->helper('nomor');
                if(!$this->session->userdata('uname')){

        redirect('login');
                }
                $this->iduser = $this->encrypt->decode($this->session->userdata('iduser'));
        }

        public function index()
        {
                $data['title'] = "Selamat Datang di SMA NEGERI 1 KALIANDA";
                $this->template->display('master/vindex', $data);
        }

        function _cekuser($nilaiindex, $crud){
                $cekfungsi = $this->m_master->selectmanual("
                SELECT e.iduser, e.nindex
                FROM mrule e
                where e.iduser='$this->iduser'
                AND e.nindex = '$nilaiindex' ".$crud
                );
                return $cekfungsi;
        }
// GURU
        function guru(){
                $crud = "";
                $nilaifungsi = "m1";
                $cekcabang = $this->_cekuser($nilaifungsi, $crud);

                $nilaicabang = null;
                if($cekcabang->num_rows() == 0){
                        show_404();
                        return;
                }

                $data['title']='Daftar Guru';
                $data['message'] = "";
                $this->template->display('master/vguru', $data);
        }

        function paginationguru(){
                if($this->input->is_ajax_request()){
        $page_number = $this->input->post('page_number');
        $nilaicari = $this->input->post('nilaicari');
        $item_per_page = $this->limit;
        $item_per_page = 20;
```

```php
        $position =
($page_number*$item_per_page);

        $limit = $item_per_page;
        $offset = $position;
        $order = "g.nama";
        $where = "g.status='1'";
        $like = "(g.nama LIKE
'%$nilaicari%' OR g.nip LIKE
'%$nilaicari%')";

        $result_set = $this-
>m_master->getguru($where, $like,
$limit, $offset, $order);
        $page = $this->m_master-
>getguru($where, $like, "", "",
$order);

        $result_set = $result_set;
        $total_set = $result_set-
>num_rows();
        $page = $page;
        $total = $page->num_rows();
        $total =
ceil($total/$item_per_page);

        if($total_set>0){
            $entries = null;
            $no = 1;
            foreach($result_set-
>result() as $row){
                $nomor = $no +
$position;


                $edit = "<a class='nilai'
href='".site_url('master/editguru/'.$th
is->encrypt->encode($row-
>id))."'><i class='glyphicon
glyphicon-edit' title='Edit Guru' data-
toggle='tooltip' data-trigger='hover'
data-placement='top'></i></a>";

                $hapus = "<a
class='hapus' kode='".$this->encrypt-
>encode($row->id)."'><i
class='glyphicon glyphicon-trash'
title='Hapus Guru' data-
toggle='tooltip' data-trigger='hover'
data-placement='top'></i></a>";


                $tabel = "";
                $tabel .= "<tr>";
                $tabel .= "<td
class='text-right'>".$nomor."</td>";
                $tabel .= "<td>".$row-
>nip."</td>";
                $tabel .= "<td>".$row-
>nama."</td>";
                $tabel .= "<td>".$row-
>alamat."</td>";
                $tabel .= "<td>".$row-
>nmjk."</td>";
                $tabel .= "<td
class='text-center'>".$edit."</td>";
                $tabel .= "<td
class='text-center'>".$hapus."</td>";
                $tabel .= "</tr>";
                $hasil[] = $tabel;
                $no++;
            }
            $npagination =
_pagination2($page->num_rows(),
$item_per_page, $page_number+1,
'page_number');

            $data = array(
                'TotalRows' => $total,
                'totot' => $position,
                'Entries' => $hasil,
```

```php
                'npagination' =>
$npagination
                );
            $this->output-
>set_content_type('application/json');
            echo
json_encode(array($data));
        }
        exit;
    }
    }

    function tambahguru(){
            $crud = "AND c='1'";
            $nilaifungsi = "m1";
            $cekcabang = $this-
>_cekuser($nilaifungsi, $crud);

            $nilaicabang = null;
            if($cekcabang-
>num_rows() == 0){
                    show_404();
                    return;
            }

            $data['title']='Tambah
Guru';
            $data['message']= '';
            $this-
>form_validation->set_rules('nip',
'NIP');
            $this-
>form_validation->set_rules('nama',
'Nama', 'required|max_length[70]');
            $this-
>form_validation-
>set_rules('alamat', 'Alamat');
            $this-
>form_validation->set_rules('jk',
'JK', 'required');
            $this-
>form_validation-

>set_error_delimiters("<div
class='alert alert-
warning'>","</div>");
            if($this-
>form_validation->run()==true){
                    $nip = $this-
>input->post('nip');
                    $where =
"g.nip='$nip'";
                    $cek = $this-
>m_master->getguru($where, "", "",
"", "");
                    if($cek-
>num_rows() > 0){

    $data['message'] = "<div
class='alert alert-warning'>NIP ini
sudah ada dalam database</div>";
                        $this-
>template-
>display('master/vguruadd', $data);
                        return;
                    }
                    $info = array(
                        'nip' =>
$this->input->post('nip'),
                        'nama'
=> $this->input->post('nama'),
                        'alamat'
=> $this->input->post('alamat'),
                        'jk' =>
$this->encrypt->decode($this-
>input->post('jk')),
                        );
                    $this-
>m_master->simpangeneral('mguru',
$info);

        redirect('master/guru');
                }else{
```

```php
				$this->template->display('master/vguruadd', $data);
			}
		}

		function editguru($id=NULL){
				$crud = "AND u='1'";
				$nilaifungsi = "m1";
				$cekcabang = $this->_cekuser($nilaifungsi, $crud);

				$nilaicabang = null;
				if($cekcabang->num_rows() == 0){
						show_404();
						return;
				}

				$pid = $this->uri->segment(3);
				$id = $this->encrypt->decode($pid);

				$where = "g.id='$id'";
				$cekguru = $this->m_master->getguru($where, "", "", "", "");
				if($cekguru->num_rows() == 0 || $pid == NULL){
						show_404();
						return;
				}

				$data['data'] = $cekguru->row_array();
				$data['title']='Edit Guru';
				$data['message']= '';

				$this->form_validation->set_rules('nip', 'NIP');
				$this->form_validation->set_rules('nama', 'Nama', 'required|max_length[70]');
				$this->form_validation->set_rules('alamat', 'Alamat');
				$this->form_validation->set_rules('jk', 'JK', 'required');
				$this->form_validation->set_error_delimiters("<div class='alert alert-warning'>","</div>");
				if($this->form_validation->run()==true){
						$nip = $this->input->post('nip');
						$where = "g.nip='$nip' AND g.id!='$id'";
						$cek = $this->m_master->getguru($where, "", "", "", "");
						if($cek->num_rows() > 0){

							$data['message'] = "<div class='alert alert-warning'>NIP ini sudah ada dalam database</div>";
								$this->template->display('master/vguruedit', $data);
								return;
						}

						$info = array(
								'nip' => $this->input->post('nip'),
```

```php
                                    'nama'
=> $this->input->post('nama'),
                                    'alamat'
=> $this->input->post('alamat'),
                                    'jk' =>
$this->encrypt->decode($this-
>input->post('jk')),
                            );
                    $this-
>m_master->update('id', $id, $info,
'mguru');

            redirect('master/guru');
                }else{
                    $this-
>template-
>display('master/vguruedit', $data);
                }
        }

        function hapusguru(){
                if($this->input-
>is_ajax_request()){
                    $crud = "AND
d='1'";
                    $nilaifungsi =
"m1";
                    $cekcabang =
$this->_cekuser($nilaifungsi, $crud);

                    $nilaicabang =
null;
                    if($cekcabang-
>num_rows() == 0){
                        echo
"<div class='alert alert-success'>User
anda tidak bisa melakukan proses
ini</div>";
                        return;
                    }

                    $kode = $this-
>encrypt->decode($this->input-
>post('kode'));
                    $info = array(
                        'status'
=> 2
                    );
                    $this-
>m_master->update('id', $kode,
$info, 'mguru');
                    echo "<div
class='alert alert-success'>Data
Berhasil dihapus</div>";
                }
        }

// siswa
        function siswa(){
                $crud = "";
                $nilaifungsi = "m2";
                $cekcabang = $this-
>_cekuser($nilaifungsi, $crud);

                $nilaicabang = null;
                if($cekcabang-
>num_rows() == 0){
                        show_404();
                        return;
                }

                $data['title']='Daftar
Siswa';
                $data['message'] = "";
                $this->template-
>display('master/vsiswa', $data);
        }

        function paginationsiswa(){
                if($this->input-
>is_ajax_request()){
        $page_number = $this-
>input->post('page_number');
```

```php
$nilaicari = $this->input->post('nilaicari');
$item_per_page = $this->limit;
$item_per_page = 20;
$position = ($page_number*$item_per_page);

$limit = $item_per_page;
$offset = $position;
$order = "s.nama";
$where = "s.status='1'";
$like = "(s.nama LIKE '%$nilaicari%' OR s.nis LIKE '%$nilaicari%')";

$result_set = $this->m_master->getsiswa($where, $like, $limit, $offset, $order);
$page = $this->m_master->getsiswa($where, $like, "", "", $order);

$result_set = $result_set;
$total_set = $result_set->num_rows();
$page = $page;
$total = $page->num_rows();
$total = ceil($total/$item_per_page);

if($total_set>0){
    $entries = null;
    $no = 1;
    foreach($result_set->result() as $row){
        $nomor = $no + $position;

        $edit = "<a class='nilai' href='".site_url('master/editsiswa/'.$this->encrypt->encode($row->id))."'><i class='glyphicon glyphicon-edit' title='Edit Siswa' data-toggle='tooltip' data-trigger='hover' data-placement='top'></i></a>";

        $hapus = "<a class='hapus' kode='".$this->encrypt->encode($row->id)."'><i class='glyphicon glyphicon-trash' title='Hapus Siswa' data-toggle='tooltip' data-trigger='hover' data-placement='top'></i></a>";

        $tabel = "";
        $tabel .= "<tr>";
        $tabel .= "<td class='text-right'>".$nomor."</td>";
        $tabel .= "<td>".$row->nis."</td>";
        $tabel .= "<td>".$row->nama."</td>";
        $tabel .= "<td>".$row->alamat."</td>";
        $tabel .= "<td>".$row->nmjk."</td>";
        $tabel .= "<td class='text-center'>".$edit."</td>";
        $tabel .= "<td class='text-center'>".$hapus."</td>";
        $tabel .= "</tr>";
        $hasil[] = $tabel;
        $no++;
    }
    $npagination = _pagination2($page->num_rows(), $item_per_page, $page_number+1, 'page_number');
```

```php
        $data = array(
            'TotalRows' => $total,
            'totot' => $position,
            'Entries' => $hasil,
            'npagination' =>
$npagination
            );
        $this->output-
>set_content_type('application/json');
        echo
json_encode(array($data));
    }
    exit;
    }
    }

    function tambahsiswa(){
        $crud = "AND c='1'";
        $nilaifungsi = "m2";
        $cekcabang = $this-
>_cekuser($nilaifungsi, $crud);

        $nilaicabang = null;
        if($cekcabang-
>num_rows() == 0){
            show_404();
            return;
        }

        $data['title']='Tambah
Siswa';
        $data['message']= '';
        $this-
>form_validation->set_rules('nis',
'NIS');
        $this-
>form_validation->set_rules('nama',
'Nama', 'required|max_length[70]');
        $this-
>form_validation-
>set_rules('alamat', 'Alamat');
        $this-
>form_validation->set_rules('jk',
'JK', 'required');
        $this-
>form_validation-
>set_error_delimiters("<div
class='alert alert-
warning'>","</div>");
        if($this-
>form_validation->run()==true){
            $nis = $this-
>input->post('nis');
            $where =
"s.nis='$nis' AND s.status='1'";
            $cek = $this-
>m_master->getsiswa($where, "", "",
"", "");
            if($cek-
>num_rows() > 0){

    $data['message'] = "<div
class='alert alert-warning'>NIS ini
sudah ada dalam database</div>";
                $this-
>template-
>display('master/vsiswaadd', $data);
                return;
            }
            $info = array(
                'nis' =>
$this->input->post('nis'),
                'nama'
=> $this->input->post('nama'),
                'alamat'
=> $this->input->post('alamat'),
                'jk' =>
$this->encrypt->decode($this-
>input->post('jk')),
                );
            $this-
>m_master-
>simpangeneral('msiswa', $info);
```

```php
            redirect('master/siswa');
                }else{
                        $this-
>template-
>display('master/vsiswaadd', $data);
                }
        }
```