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LISTING PROGRAM

1. Admin.php

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

class Admin extends CI_Controller {
    public function __construct() {
        parent::__construct();
        $this->load->model('Admin_model');
        if($this->session->userdata('status') != 'admin_masuk') {
            redirect('auth');
        }
    }

    function bulan_id($tanggal) {
        $bulan = ['Januari', 'Februari', 'Maret', 'April', 'Mei',
'Juni', 'Juli', 'Agustus', 'September', 'Oktober', 'November', 'Desember'];
        $tanggal_array = explode('-', $tanggal);
        $day = $tanggal_array[0];
        $month = $bulan[(int)$tanggal_array[1] - 1];
        $year = $tanggal_array[2];
        return $day . ' ' . $month . ' ' . $year;
    }

    public function dashboard() {
        $data = array (
            'title' => 'Dashboard',
            'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
            'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])->
>row_array(),
            'jbarang' => $this->db-
>get('tb_barang')->num_rows(),
            'jtransaksi' => $this->db->get('tb_transaksi')->
>num_rows(),
            'jmember' => $this->db-
>get('tb_member')->num_rows(),
            'jprofit' => $this->Admin_model-
>data_profit(),
            'trxtoday' => $this->Admin_model-
>data_orderan_today(),
            'aktivitas' => $this->Admin_model-
>data_aktivitas(),
        );
        $this->load->view('admin/header', $data);
        $this->load->view('admin/index', $data);
        $this->load->view('admin/footer');
    }

    public function kategori() {
        $data = array (
            'title' => 'Kategori',
```

```

        'atr' => $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('id')])->
>row_array(),
        'kategori' => $this->db-
>order_by('kategori_urut', 'ASC')->get('tb_kategori')->result_array(),
    );
    $this->load->view('admin/header', $data);
    $this->load->view('admin/kategori', $data);
    $this->load->view('admin/footer');
}

public function kategori_add() {
    $data = array (
        'title' => 'Input Kategori',
        'atr' => $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('id')])->
>row_array(),
    );
    $this->form_validation->set_rules('nama', 'nama',
'required|is_unique[tb_kategori.kategori_nama]', [
        'required' => 'Kolom ini tidak
boleh kosong',
        'is_unique' => 'Kategori ini sudah
ada']);
    if($this->form_validation->run() == FALSE) {
        $this->load->view('admin/header', $data);
        $this->load->view('admin/kategori_add', $data);
        $this->load->view('admin/footer');
    } else {
        $this->Admin_model->simpan_kategori();
        $this->session->set_flashdata('flash', 'Data baru
berhasil ditambahkan');
        redirect('admin/kategori');
    }
}

public function kategori_edit($id) {
    $data = array (
        'title' => 'Edit Kategori',
        'atr' => $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('id')])->
>row_array(),
        'katid' => $this->db-
>get_where('tb_kategori', ['kategori_id' => $id])->row_array(),
    );
    $this->form_validation->set_rules('nama', 'nama', 'required',
[
        'required' => 'Kolom ini tidak
boleh kosong']);
    if($this->form_validation->run() == FALSE) {
        $this->load->view('admin/header', $data);
        $this->load->view('admin/kategori_edit', $data);
        $this->load->view('admin/footer');
    } else {

```

```

        $url = url_title(strtolower($this->input-
>post('nama')), 'dash', TRUE);
        $this->db->update('tb_kategori',['kategori_nama' =>
ucwords($this->input->post('nama')), 'kategori_url' =>
$url],array('kategori_id' => $id));
        $this->session->set_flashdata('flash', 'Data berhasil
diperbaharui');
        redirect('admin/kategori');
    }
}

public function kategori_del($id) {
    $this->db->where('kategori_id', $id);
    $this->db->delete('tb_kategori');
    $this->session->set_flashdata('flash', 'Data berhasil
dihapus');
    redirect('admin/kategori');
}

public function barang() {
    $data = array (
        'title' => 'Barang',
        'atr' => $this->db-
>get_where('tb_atribut',['id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin',['admin_id' => $this->session->userdata('id')])-
>row_array(),
        'barang' => $this->Admin_model-
>data_barang(),
    );
    $this->load->view('admin/header', $data);
    $this->load->view('admin/barang', $data);
    $this->load->view('admin/footer');
}

public function barang_add() {
    $data = array (
        'title' => 'Input Barang',
        'atr' => $this->db-
>get_where('tb_atribut',['id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin',['admin_id' => $this->session->userdata('id')])-
>row_array(),
        'kategori' => $this->db-
>order_by('kategori_urut','ASC')->get('tb_kategori')->result_array(),
    );
    $this->form_validation->set_rules('nama', 'nama',
'required|is_unique[tb_barang.barang_nama]', [
        'required' => 'Kolom ini tidak
boleh kosong',
        'is_unique' => 'Barang ini sudah
ada']);
    $this->form_validation->set_rules('harga', 'harga',
'required', [
        'required' => 'Kolom ini tidak
boleh kosong']);
    $this->form_validation->set_rules('stok', 'stok', 'required',
[
        'required' => 'Kolom ini tidak
boleh kosong']);

```

```

        $this->form_validation->set_rules('kategori', 'kategori',
        'required', [
                                'required' => 'Kolom ini tidak
boleh kosong']);
        $this->form_validation->set_rules('deskripsi', 'deskripsi',
        'required', [
                                'required' => 'Kolom ini tidak
boleh kosong']);
        if($this->form_validation->run() == FALSE) {
            $this->load->view('admin/header', $data);
            $this->load->view('admin/barang_add', $data);
            $this->load->view('admin/footer');
        }else {
            $this->Admin_model->simpan_barang();
            $this->session->set_flashdata('flash', 'Data baru
berhasil ditambahkan');
            redirect('admin/barang');
        }
    }

    public function barang_edit($id) {
        $data = array (
            'title' => 'Edit Barang',
            'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
            'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])->
row_array(),
            'kategori' => $this->db-
>order_by('kategori_urut','ASC')->get('tb_kategori')->result_array(),
            'brgid' => $this->db-
>get_where('tb_barang',[ 'barang_id' => $id])->row_array(),
        );
        $this->form_validation->set_rules('nama', 'nama', 'required',
        [
                                'required' => 'Kolom ini tidak
boleh kosong']);
        $this->form_validation->set_rules('harga', 'harga',
        'required', [
                                'required' => 'Kolom ini tidak
boleh kosong']);
        $this->form_validation->set_rules('stok', 'stok', 'required',
        [
                                'required' => 'Kolom ini tidak
boleh kosong']);
        $this->form_validation->set_rules('kategori', 'kategori',
        'required', [
                                'required' => 'Kolom ini tidak
boleh kosong']);
        $this->form_validation->set_rules('deskripsi', 'deskripsi',
        'required', [
                                'required' => 'Kolom ini tidak
boleh kosong']);
        if($this->form_validation->run() == FALSE) {
            $this->load->view('admin/header', $data);
            $this->load->view('admin/barang_edit', $data);
            $this->load->view('admin/footer');
        }else {
            $this->Admin_model->edit_barang($id);

```

```

        $this->session->set_flashdata('flash', 'Data berhasil
diperbaharui');
        redirect('admin/barang');
    }

    public function barang_del($id) {
        $this->db->where('barang_id', $id);
        $this->db->delete('tb_barang');
        $this->session->set_flashdata('flash', 'Data berhasil
dihapus');
        redirect('admin/barang');
    }

    public function barang_rating($id) {
        $cek = $this->db->get_where('tb_barang', ['barang_id' => $id])-
>row_array();
        $data = array (
            'title' => 'Rating Barang Untuk
            '.$cek['barang_nama'],
            'atr' => $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
            'me' => $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('id')])-
>row_array(),
            'rating' => $this->Admin_model-
>data_barang_rating($id),
        );
        $this->load->view('admin/header', $data);
        $this->load->view('admin/barang_rating', $data);
        $this->load->view('admin/footer');
    }

    public function balas_ulasan() {
        $from = $this->input->post('from');
        $data = array (
            'balasan_ulasan' => $this->input-
>post('id'),
            'balasan_isi' => $this->input-
>post('balasan'),
        );
        $this->db->insert('tb_balas_ulasan', $data);
        $this->session->set_flashdata('flash', 'Balasan berhasil
ditambahkan');
        redirect($from.'#reviews-tab-pane');
    }

    public function edit_balas_ulasan() {
        $from = $this->input->post('from');
        $this->db->set('balasan_isi', $this->input->post('balasan'));
        $this->db->where('balasan_id', $this->input->post('id'));
        $this->db->update('tb_balas_ulasan');
        $this->session->set_flashdata('flash', 'Balasan berhasil
diperbaharui');
        redirect($from.'#reviews-tab-pane');
    }

    public function member() {
        $data = array (
            'title' => 'Member',

```

```

        'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])-
>row_array(),
        'member' => $this->Admin_model-
>data_member(),
    );
    $this->load->view('admin/header', $data);
    $this->load->view('admin/member', $data);
    $this->load->view('admin/footer');
}

public function voucher() {
    $data = array (
        'title' => 'Voucher',
        'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])-
>row_array(),
        'voucher' => $this->db-
>order_by('voucher_created','DESC')->get('tb_voucher')->result_array(),
    );
    $this->load->view('admin/header', $data);
    $this->load->view('admin/voucher', $data);
    $this->load->view('admin/footer');
}

public function voucher_add() {
    $data = array (
        'title' => 'Input Voucher',
        'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])-
>row_array(),
    );
    $this->form_validation->set_rules('kode', 'kode',
'required|is_unique[tb_voucher.voucher_kode]', [
        'required' => 'Kolom ini tidak boleh
kosong',
        'is_unique' => 'Kode voucher ini sudah
ada']);
    $this->form_validation->set_rules('nama', 'nama', 'required',
[
        'required' => 'Kolom ini tidak boleh
kosong']);
    $this->form_validation->set_rules('deskripsi', 'deskripsi',
'required', [
        'required' => 'Kolom ini tidak
boleh kosong']);
    $this->form_validation->set_rules('tgl', 'tgl', 'required', [
        'required' => 'Kolom ini tidak
boleh kosong']);
    $this->form_validation->set_rules('jml', 'jml', 'required', [
        'required' => 'Kolom ini tidak
boleh kosong']);
    if($this->form_validation->run() == FALSE) {
        $this->load->view('admin/header', $data);
    }
}

```

```

        $this->load->view('admin/voucher_add', $data);
        $this->load->view('admin/footer');
    }else {
        $this->Admin_model->simpan_voucher();
        $this->session->set_flashdata('flash', 'Data baru
berhasil ditambahkan');
        redirect('admin/voucher');
    }
}

public function voucher_edit($id) {
    $level_voucher = $this->db-
>get_where('tb_voucher_level', ['vole_voucher' => $id])->result_array();
    $data = array (
        'title'                =>    'Edit Voucher',
        'atr'                  =>    $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
        'me'                   =>    $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('id')])->
row_array(),
        'voucherid'            =>    $this->db-
>get_where('tb_voucher', ['voucher_id' => $id])->row_array(),
        'llevel'                =>
        ["Classic", "Silver", "Gold"],
        'level_voucher'         =>
        array_column($level_voucher, 'vole_level'),
    );
    $this->form_validation->set_rules('kode', 'kode', 'required',
[
        'required'            =>    'Kolom ini tidak boleh
kosong'
]);
    $this->form_validation->set_rules('nama', 'nama', 'required',
[
        'required'            =>    'Kolom ini tidak boleh
kosong'
]);
    $this->form_validation->set_rules('deskripsi', 'deskripsi',
'required', [
        'required'            =>    'Kolom ini tidak
boleh kosong'
]);
    $this->form_validation->set_rules('tgl', 'tgl', 'required', [
        'required'            =>    'Kolom ini tidak
boleh kosong'
]);
    $this->form_validation->set_rules('jml', 'jml', 'required', [
        'required'            =>    'Kolom ini tidak
boleh kosong'
]);
    if($this->form_validation->run() == FALSE) {
        $this->load->view('admin/header', $data);
        $this->load->view('admin/voucher_edit', $data);
        $this->load->view('admin/footer');
    }else {
        $this->Admin_model->edit_voucher($id);
        $this->session->set_flashdata('flash', 'Data berhasil
diperbaharui');
        redirect('admin/voucher');
    }
}

public function voucher_del($id) {
    $this->db->where('voucher_id', $id);
    $this->db->delete('tb_voucher');
}

```

```

        $this->db->where('vole_voucher', $id);
        $this->db->delete('tb_voucher_level');
        $this->session->set_flashdata('flash', 'Data berhasil
dihapus');
        redirect('admin/voucher');
    }

    public function rekening() {
        $data = array (
            'title'                =>      'Rekening',
            'atr'                  =>      $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
            'me'                   =>      $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('id')])->
row_array(),
            'rekening'             =>      $this->db-
>get('tb_rekening')->result_array(),
        );
        $this->load->view('admin/header', $data);
        $this->load->view('admin/rekening', $data);
        $this->load->view('admin/footer');
    }

    public function rekening_add() {
        $data = array (
            'title'                =>      'Input Rekening',
            'atr'                  =>      $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
            'me'                   =>      $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('id')])->
row_array(),
        );
        $this->form_validation->set_rules('bank', 'bank', 'required',
[
            'required'            =>      'Kolom ini tidak boleh
kosong']);
        $this->form_validation->set_rules('norek', 'norek',
'required|is_unique[tb_rekening.rek_norek]', [
            'required'            =>      'Kolom ini tidak boleh
kosong',
            'is_unique'           =>      'Nomor rekening ini sudah
ada']);
        $this->form_validation->set_rules('nama', 'nama', 'required',
[
            'required'            =>      'Kolom ini tidak
boleh kosong']);
        $this->form_validation->set_rules('status', 'status',
'required', [
            'required'            =>      'Kolom ini tidak
boleh kosong']);
        if($this->form_validation->run() == FALSE) {
            $this->load->view('admin/header', $data);
            $this->load->view('admin/rekening_add', $data);
            $this->load->view('admin/footer');
        } else {
            $this->Admin_model->simpan_rekening();
            $this->session->set_flashdata('flash', 'Data baru
berhasil ditambahkan');
            redirect('admin/rekening');
        }
    }

```

```

    }

    public function rekening_edit($id) {
        $data = array (
            'title'           =>      'Edit Rekening',
            'atr'             =>      $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
            'me'             =>      $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])-
>row_array(),
            'rekid'          =>      $this->db-
>get_where('tb_rekening',[ 'rek_id' => $id])->row_array(),
        );
        $this->form_validation->set_rules('bank', 'bank', 'required',
[
            'required'      =>      'Kolom ini tidak boleh
kosong']);
        $this->form_validation->set_rules('norek', 'norek',
'required', [
            'required'      =>      'Kolom ini tidak boleh
kosong']);
        $this->form_validation->set_rules('nama', 'nama', 'required',
[
            'required'      =>      'Kolom ini tidak
boleh kosong']);
        $this->form_validation->set_rules('status', 'status',
'required', [
            'required'      =>      'Kolom ini tidak
boleh kosong']);
        if($this->form_validation->run() == FALSE) {
            $this->load->view('admin/header', $data);
            $this->load->view('admin/rekening_edit', $data);
            $this->load->view('admin/footer');
        }else {
            $this->Admin_model->edit_rekening($id);
            $this->session->set_flashdata('flash', 'Data berhasil
diperbaharui');
            redirect('admin/rekening');
        }
    }

    public function rekening_del($id) {
        $this->db->where('rek_id', $id);
        $this->db->delete('tb_rekening');
        $this->session->set_flashdata('flash', 'Data berhasil
dihapus');
        redirect('admin/rekening');
    }

    public function transaksi() {
        $data = array (
            'title'           =>      'Transaksi',
            'atr'             =>      $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
            'me'             =>      $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])-
>row_array(),
            'transaksi'       =>      $this->Admin_model-
>data_orderan(),
        );
    }

```

```

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

    public function transaksi_add() {
        $data = array (
            'title' => 'Transaksi Baru',
            'atr' => $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
            'me' => $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('id')])->
row_array(),
        );
        $this->form_validation->set_rules('item', 'item', 'required', [
            'required' => 'Kolom ini tidak boleh
kosong']);
        $this->form_validation->set_rules('qty', 'qty', 'required', [
            'required' => 'Kolom ini tidak
boleh kosong']);
        if($this->form_validation->run() == FALSE) {
            $this->load->view('admin/header', $data);
            $this->load->view('admin/transaksi_add', $data);
            $this->load->view('admin/footer');
        } else {
            $cek = $this->db->get_where('tb_barang', ['barang_id' =>
$this->input->post('item')])->row_array();
            if($cek['barang_stok']) {
                $datacart = array (
                    'id' => $this->input-
>post('item'),
                    'name' => $cek['barang_nama'],
                    'price' =>
$cek['barang_harga'],
                    'qty' => $this->input-
>post('qty')
                );
                $this->cart->insert($datacart);
                $this->session->set_flashdata('flash', 'Data
berhasil ditambahkan kedalam keranjang');
                redirect('admin/transaksi/new');
            } else {
                $this->session->set_flashdata('error', 'Stok
barang habis');
                redirect('admin/transaksi/new');
            }
        }
    }

    public function transaksi_update() {
        $id = $this->input->post('id');
        $cek = $this->db->get_where('tb_transaksi', ['trx_id' => $id])->
row_array();
        $jmltrxmember = $this->db-
>get_where('tb_transaksi', ['trx_member' => $cek['trx_member'], 'trx_status'
=> 'Dibayar'])->num_rows();
        $data = array (

```

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        'trx_status' => $this->input->post('status'),
        'trx_status_pengiriman' => $this->input->post('pengiriman')
    );

    $this->db->where('trx_id', $id);
    if($this->db->update('tb_transaksi', $data)) {
        if($jmltrxmember >= 20) {
            $statusmember = 'Silver';
            $this->db->update('tb_member', ['member_level' => $statusmember], array('member_id' => $cek['trx_member']));
        } else if($jmltrxmember >= 50) {
            $statusmember = 'Gold';
            $this->db->update('tb_member', ['member_level' => $statusmember], array('member_id' => $cek['trx_member']));
        } else {
            $statusmember = 'Classic';
            $this->db->update('tb_member', ['member_level' => $statusmember], array('member_id' => $cek['trx_member']));
        }
    }
    $this->session->set_flashdata('flash', 'Transaksi berhasil diperbaharui');
    redirect('admin/transaksi');
}

public function transaksi_show($id) {
    $data = array (
        'title' => 'Detail Transaksi',
        'atr' => $this->db->get_where('tb_atribut', ['id' => 1])->row_array(),
        'me' => $this->db->get_where('tb_admin', ['admin_id' => $this->session->userdata('id')])->row_array(),
        'transaksi' => $this->Admin_model->detail_orderan($id),
    );
    $this->load->view('admin/header', $data);
    $this->load->view('admin/transaksi_show', $data);
    $this->load->view('admin/footer');
}

public function transaksi_konfirmasi($id) {
    $cektrx = $this->db->get_where('tb_transaksi', ['trx_id' => $id])->row_array();
    if($cektrx['trx_metode_bayar'] == 'Transfer') {
        if($cektrx['trx_bukti'] == '') {
            $this->session->set_flashdata('error', 'Transaksi gagal dikonfirmasi, karena bukti transfer belum ada');
            redirect('admin/transaksi');
        }
    }
    $this->db->set('trx_status', 'Dibayar');
    $this->db->where('trx_id', $id);
    $this->db->update('tb_transaksi');
    $this->session->set_flashdata('flash', 'Transaksi berhasil dikonfirmasi');
    redirect('admin/transaksi');
}

```

```

        public function transaksi_dikirim($id) {
            $this->db->set('trx_status_pengiriman', 'Dikirim');
            $this->db->where('trx_id', $id);
            $this->db->update('tb_transaksi');
            $this->session->set_flashdata('flash', 'Data berhasil
diperbaharui');
            redirect('admin/transaksi');
        }

        public function transaksi_del($id) {
            $cektrx = $this->db->get_where('tb_transaksi',['trx_id' =>
$id])->row_array();
            $cek = $this->db->get_where('tb_poin',['poin_member' =>
$cektrx['trx_member']])->row_array();
            if($cektrx['trx_poin']) {
                $poinow = $cek['poin_jumlah'] - $cektrx['trx_poin'] +
$cektrx['trx_poin_ditukar'];
                $this->db->update('tb_poin',['poin_jumlah' =>
$poinow],array('poin_member' => $cektrx['trx_member']));
            }
            $this->db->where('trx_id', $id);
            $this->db->delete('tb_transaksi');
            $this->db->where('detail_trx', $id);
            $this->db->delete('tb_transaksi_detail');
            $this->session->set_flashdata('flash', 'Data berhasil
dihapus');
            redirect('admin/transaksi');
        }

        public function informasi() {
            $data = array (
                'title' => 'Informasi',
                'atr' => $this->db-
>get_where('tb_atribut',['id' => 1])->row_array(),
                'me' => $this->db-
>get_where('tb_admin',['admin_id' => $this->session->userdata('id')])->
row_array(),
                'informasi' => $this->db-
>order_by('info_created')->get('tb_informasi')->result_array(),
            );
            $this->load->view('admin/header', $data);
            $this->load->view('admin/informasi', $data);
            $this->load->view('admin/footer');
        }

        public function informasi_add() {
            $data = array (
                'title' => 'Input Informasi',
                'atr' => $this->db-
>get_where('tb_atribut',['id' => 1])->row_array(),
                'me' => $this->db-
>get_where('tb_admin',['admin_id' => $this->session->userdata('id')])->
row_array(),
            );
            $this->form_validation->set_rules('judul', 'judul',
'required|is_unique[tb_informasi.info_judul]', [
                'required' => 'Kolom ini tidak boleh
kosong',

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        'is_unique' => 'Judul ini sudah pernah
diterbitkan']);
        $this->form_validation->set_rules('tgl', 'tgl', 'required', [
            'required' => 'Kolom ini tidak boleh
kosong']);
        $this->form_validation->set_rules('isi', 'isi', 'required', [
            'required' => 'Kolom ini tidak
boleh kosong']);
        if($this->form_validation->run() == FALSE) {
            $this->load->view('admin/header', $data);
            $this->load->view('admin/informasi_add', $data);
            $this->load->view('admin/footer');
        }else {
            $this->Admin_model->simpan_informasi();
            $this->session->set_flashdata('flash', 'Data baru
berhasil ditambahkan');
            redirect('admin/informasi');
        }
    }

    public function informasi_edit($id) {
        $data = array (
            'title' => 'Edit Informasi',
            'atr' => $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
            'me' => $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('id')])->
row_array(),
            'info_id' => $this->db-
>get_where('tb_informasi', ['info_id' => $id])->row_array(),
        );
        $this->form_validation->set_rules('judul', 'judul',
'required', [
            'required' => 'Kolom ini tidak boleh
kosong']);
        $this->form_validation->set_rules('tgl', 'tgl', 'required', [
            'required' => 'Kolom ini tidak boleh
kosong']);
        $this->form_validation->set_rules('isi', 'isi', 'required', [
            'required' => 'Kolom ini tidak
boleh kosong']);
        if($this->form_validation->run() == FALSE) {
            $this->load->view('admin/header', $data);
            $this->load->view('admin/informasi_edit', $data);
            $this->load->view('admin/footer');
        }else {
            $this->Admin_model->edit_informasi($id);
            $this->session->set_flashdata('flash', 'Data berhasil
diperbaharui');
            redirect('admin/informasi');
        }
    }

    public function informasi_del($id) {
        $this->db->where('info_id', $id);
        $this->db->delete('tb_informasi');
        $this->session->set_flashdata('flash', 'Data berhasil
dihapus');
        redirect('admin/informasi');
    }
}

```

```

        public function aktivitas() {
            $data = array (
                'title' => 'Aktivitas',
                'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
                'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])->
>row_array(),
                'aktivitas' => $this->Admin_model-
>data_aktivitas_all(),
            );
            $this->load->view('admin/header', $data);
            $this->load->view('admin/aktivitas', $data);
            $this->load->view('admin/footer');
        }

        public function lap_barang() {
            $dari = $this->input->post('dari');
            $sampai = $this->input->post('sampai');
            $data = array (
                'title' => 'Laporan Data
Barang',
                'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
                'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])->
>row_array(),
                'barang' => $this->Admin_model-
>lap_barang(array($dari,$sampai)),
                'vdari' => $dari,
                'vsampai' => $sampai,
            );
            $this->load->view('admin/header', $data);
            $this->load->view('admin/lap_barang', $data);
            $this->load->view('admin/footer');
        }

        public function lap_barang_print() {
            $dari = $this->input->get('dari');
            $sampai = $this->input->get('sampai');
            $data = array (
                'title' => 'Laporan Data
Barang',
                'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
                'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])->
>row_array(),
                'barang' => $this->Admin_model-
>lap_barang(array($dari,$sampai)),
            );
            $this->load->view('admin/lap_barang_print', $data);
        }

        public function lap_barang_excel() {
            $dari = $this->input->get('dari');
            $sampai = $this->input->get('sampai');
            $data = array (

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```

        'title' => 'Laporan Data
Barang',
        'atr' => $this->db-
>get_where('tb_atribut',['id' => 1])>row_array(),
        'me' => $this->db-
>get_where('tb_admin',['admin_id' => $this->session->userdata('id')])>
row_array(),
        'barang' => $this->Admin_model-
>lap_barang(array($dari,$sampai)),
        'vdari' => $dari,
        'vsampai' => $sampai,
    );
    $this->load->view('admin/lap_barang_excel', $data);
}

public function lap_barang_pdf() {
    $title = 'Laporan Data Barang';
    $dari = $this->input->get('dari');
    $sampai = $this->input->get('sampai');
    $vdari = date('d-m-Y', strtotime($dari));
    $vsampai = date('d-m-Y', strtotime($sampai));
    $barang = $this->Admin_model-
>lap_barang(array($dari,$sampai));
    $atr = $this->db->get_where('tb_atribut',['id' => 1])>
row_array();
    $pdf = new FPDF('l','mm','Legal');
    // membuat halaman baru
    $pdf->AddPage();
    $pdf->SetFont('Times','B',15);
    $pdf->Cell(350,8,strtoupper($title),0,1,'C');
    // $pdf->Rect(0, 15, 80, 15, 'F');
    $pdf->SetFont('Times','B',11);
    $pdf->Cell(15,8,'Periode',0,0,'l');
    if($dari != '' AND $sampai != '') {
        $pdf->Cell(319,8,': '.$this->bulan_id($vdari).' s/d '.$this-
>bulan_id($vsampai),0,1,'l');
    }else {
        $pdf->Cell(319,8,': -',0,1,'l');
    }
    $pdf->Cell(15,8,'Dicetak',0,0,'l');
    $pdf->Cell(319,8,': '.$this->bulan_id(date('d-m-Y')),0,1,'l');
    $pdf->Cell(13,8,'No',1,0,'C');
    $pdf->Cell(30,8,'ID Barang',1,0,'C');
    $pdf->Cell(180,8,'Nama',1,0,'C');
    $pdf->Cell(33,8,'Harga',1,0,'C');
    $pdf->Cell(20,8,'Stok',1,0,'C');
    $pdf->Cell(58,8,'Kategori',1,1,'C');
    $pdf->SetFont('Times','',10);
    $i = 1;
    foreach($barang as $brg) {
        $pdf->Cell(13,8,$i.'.',1,0,'C');
        $pdf->Cell(30,8,$brg['barang_id'],1,0,'C');
        $pdf->Cell(180,8,$brg['barang_nama'],1,0,'l');
        $pdf->
>Cell(33,8,number_format($brg['barang_harga'],0,',','.'),1,0,'C');
        $pdf->Cell(20,8,$brg['barang_stok'],1,0,'C');
        $pdf->Cell(58,8,$brg['kategori_nama'],1,1,'l');
        $i++;
    }
    $pdf->Output('D', $title.'.pdf');
}

```

```

    }

    public function lap_penjualan() {
        $dari = $this->input->post('dari');
        $sampai = $this->input->post('sampai');
        $data = array (
            'title' => 'Laporan Penjualan',
            'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1 ])->row_array(),
            'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id') ])-
>row_array(),
            'penjualan' => $this->Admin_model-
>lap_penjualan(array($dari,$sampai)),
            'vdari' => $dari,
            'vsampai' => $sampai,
        );
        $this->load->view('admin/header', $data);
        $this->load->view('admin/lap_penjualan', $data);
        $this->load->view('admin/footer');
    }

    public function lap_penjualan_print() {
        $dari = $this->input->get('dari');
        $sampai = $this->input->get('sampai');
        $data = array (
            'title' => 'Laporan Data
Penjualan',
            'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1 ])->row_array(),
            'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id') ])-
>row_array(),
            'penjualan' => $this->Admin_model-
>lap_penjualan(array($dari,$sampai)),
            'vdari' => $dari,
            'vsampai' => $sampai,
        );
        $this->load->view('admin/lap_penjualan_print', $data);
    }

    public function lap_transaksi() {
        $dari = $this->input->post('dari');
        $sampai = $this->input->post('sampai');
        $data = array (
            'title' => 'Laporan Data
Transaksi',
            'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1 ])->row_array(),
            'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id') ])-
>row_array(),
            'transaksi' => $this->Admin_model-
>lap_transaksi(array($dari,$sampai)),
            'vdari' => $dari,
            'vsampai' => $sampai,
        );
        $this->load->view('admin/header', $data);
        $this->load->view('admin/lap_transaksi', $data);
    }

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        $this->load->view('admin/footer');
    }

    public function lap_transaksi_print() {
        $dari = $this->input->get('dari');
        $sampai = $this->input->get('sampai');
        $data = array (
            'title' => 'Laporan Data
Transaksi',
            'atr' => $this->db-
>get_where('tb_atribut',['id' => 1])->row_array(),
            'me' => $this->db-
>get_where('tb_admin',['admin_id' => $this->session->userdata('id')])->
row_array(),
            'transaksi' => $this->Admin_model-
>lap_transaksi(array($dari,$sampai)),
            'vdari' => $dari,
            'vsampai' => $sampai,
        );
        $this->load->view('admin/lap_transaksi_print', $data);
    }

    public function lap_transaksi_excel() {
        $dari = $this->input->get('dari');
        $sampai = $this->input->get('sampai');
        $data = array (
            'title' => 'Laporan Data
Transaksi',
            'atr' => $this->db-
>get_where('tb_atribut',['id' => 1])->row_array(),
            'me' => $this->db-
>get_where('tb_admin',['admin_id' => $this->session->userdata('id')])->
row_array(),
            'transaksi' => $this->Admin_model-
>lap_transaksi(array($dari,$sampai)),
            'vdari' => $dari,
            'vsampai' => $sampai,
        );
        $this->load->view('admin/lap_transaksi_excel', $data);
    }

    public function lap_transaksi_pdf() {
        $title = 'Laporan Data Transaksi';
        $dari = $this->input->get('dari');
        $sampai = $this->input->get('sampai');
        $vdari = date('d-m-Y', strtotime($dari));
        $vsampai = date('d-m-Y', strtotime($sampai));
        $transaksi = $this->Admin_model-
>lap_transaksi(array($dari,$sampai));
        $atr = $this->db->get_where('tb_atribut',['id' => 1])->
row_array();
        $pdf = new FPDF('l','mm','Legal');
        // membuat halaman baru
        $pdf->AddPage();
        $pdf->SetFont('Times','B',15);
        $pdf->Cell(350,8,strtoupper($title),0,1,'C');
        // $pdf->Rect(0, 15, 80, 15, 'F');
        $pdf->SetFont('Times','B',11);
        $pdf->Cell(15,8,'Periode',0,0,'l');
        if($dari != '' AND $sampai != '') {

```

```

        $pdf->Cell(319,8,': ' . $this->bulan_id($vdari).' s/d ' . $this->
>bulan_id($vsampai),0,1,'l');
    }else {
        $pdf->Cell(319,8,': - ',0,1,'l');
    }
    $pdf->Cell(15,8,'Dicetak',0,0,'l');
    $pdf->Cell(319,8,': ' . $this->bulan_id(date('d-m-Y')),0,1,'l');
    $pdf->Cell(14,8,'No',1,0,'C');
    $pdf->Cell(40,8,'ID',1,0,'C');
    $pdf->Cell(35,8,'Tanggal',1,0,'C');
    $pdf->Cell(80,8,'Member',1,0,'C');
    $pdf->Cell(40,8,'Total',1,0,'C');
    $pdf->Cell(50,8,'Status',1,0,'C');
    $pdf->Cell(50,8,'Status pengiriman',1,0,'C');
    $pdf->Cell(30,8,'Metode Bayar',1,1,'C');
    $pdf->SetFont('Times','',10);
    $i = 1;
    foreach($transaksi as $trx) {
        $pdf->Cell(14,8,$i.' ',1,0,'C');
        $pdf->Cell(40,8,$trx['trx_id'],1,0,'l');
        $pdf->Cell(35,8,date('d-m-Y',
strtotime($trx['trx_tgl'])),1,0,'l');
        $pdf->Cell(80,8,$trx['member_nama'],1,0,'l');
        $pdf->
>Cell(40,8,number_format($trx['trx_total'],0,',','.'),1,0,'l');
        $pdf->Cell(50,8,$trx['trx_status'],1,0,'l');
        $pdf->Cell(50,8,$trx['trx_status_pengiriman'],1,0,'l');
        $pdf->Cell(30,8,$trx['trx_metode_bayar'],1,1,'l');
        $i++;
    }
    $pdf->Output('D', $title.'.pdf');
}

public function lap_member() {
    $dari = $this->input->post('dari');
    $sampai = $this->input->post('sampai');
    $data = array (
        'title' => 'Laporan Data
Member',
        'atr' => $this->db-
>get_where('tb_atribut',['id' => 1])>row_array(),
        'me' => $this->db-
>get_where('tb_admin',['admin_id' => $this->session->userdata('id')])>
row_array(),
        'member' => $this->Admin_model-
>lap_member(array($dari,$sampai)),
        'vdari' => $dari,
        'vsampai' => $sampai,
    );
    $this->load->view('admin/header', $data);
    $this->load->view('admin/lap_member', $data);
    $this->load->view('admin/footer');
}

public function lap_member_print() {
    $dari = $this->input->get('dari');
    $sampai = $this->input->get('sampai');
    $data = array (
        'title' => 'Laporan Data
Member',

```

```

        'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])-
>row_array(),
        'member' => $this->Admin_model-
>lap_member(array($dari,$sampai)),
        'vdari' => $dari,
        'vsampai' => $sampai,
    );
    $this->load->view('admin/lap_member_print', $data);
}

public function lap_member_excel() {
    $dari = $this->input->get('dari');
    $sampai = $this->input->get('sampai');
    $data = array (
        'title' => 'Laporan Data
Member',
        'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])-
>row_array(),
        'member' => $this->Admin_model-
>lap_member(array($dari,$sampai)),
        'vdari' => $dari,
        'vsampai' => $sampai,
    );
    $this->load->view('admin/lap_member_excel', $data);
}

public function lap_member_pdf() {
    $title = 'Laporan Data Member';
    $dari = $this->input->get('dari');
    $sampai = $this->input->get('sampai');
    $vdari = date('d-m-Y', strtotime($dari));
    $vsampai = date('d-m-Y', strtotime($sampai));
    $member = $this->Admin_model-
>lap_member(array($dari,$sampai));
    $atr = $this->db->get_where('tb_atribut',[ 'id' => 1])-
>row_array();
    $pdf = new FPDF('p','mm','Legal');
    // membuat halaman baru
    $pdf->AddPage();
    $pdf->SetFont('Times','B',15);
    $pdf->Cell(200,8,strtoupper($title),0,1,'C');
    // $pdf->Rect(0, 15, 80, 15, 'F');
    $pdf->SetFont('Times','B',11);
    $pdf->Cell(15,8,'Periode',0,0,'l');
    if($dari != '' AND $sampai != '') {
        $pdf->Cell(188,8,': '.$this->bulan_id($vdari).' s/d '.$this-
>bulan_id($vsampai),0,1,'l');
    }else {
        $pdf->Cell(188,8,': -',0,1,'l');
    }
    $pdf->Cell(15,8,'Dicetak',0,0,'l');
    $pdf->Cell(188,8,': '.$this->bulan_id(date('d-m-Y')),0,1,'l');
    $pdf->Cell(13,8,'No',1,0,'C');
    $pdf->Cell(27,8,'ID Member',1,0,'C');

```

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$pdf->Cell(87,8,'Nama',1,0,'C');
$pdf->Cell(30,8,'Terdaftar',1,0,'C');
$pdf->Cell(17,8,'Poin',1,0,'C');
$pdf->Cell(22,8,'Level',1,1,'C');
$pdf->SetFont('Times','',10);
$i = 1;
foreach($member as $mbr) {
    $pdf->Cell(13,8,$i.'. ',1,0,'C');
    $pdf->Cell(27,8,$mbr['member_id'],1,0,'l');
    $pdf->Cell(87,8,$mbr['member_nama'],1,0,'l');
    $pdf->Cell(30,8,date('d-m-Y',
strtotime($mbr['member_sejak'])),1,0,'l');
    $pdf->Cell(17,8,$mbr['poin_jumlah'],1,0,'l');
    $pdf->Cell(22,8,$mbr['member_level'],1,1,'l');
    $i++;
}
$pdf->Output('D', $title.'.pdf');
}

public function akses() {
    $data = array (
        'title' => 'Akses',
        'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])-
>row_array(),
        'akses' => $this->db-
>get('tb_admin')->result_array(),
    );
    $this->load->view('admin/header', $data);
    $this->load->view('admin/akses', $data);
    $this->load->view('admin/footer');
}

public function akses_add() {
    $data = array (
        'title' => 'Input Akses',
        'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('id')])-
>row_array(),
    );
    $this->form_validation->set_rules('nama', 'nama', 'required',
[
        'required' => 'Kolom ini tidak
boleh kosong']);
    $this->form_validation->set_rules('email', 'email',
'required|is_unique[tb_admin.admin_email]|valid_email', [
        'required' => 'Kolom ini tidak boleh
kosong',
        'is_unique' => 'Email ini sudah
digunakan',
        'valid_email'=> 'Email harus valid']);
    $this->form_validation->set_rules('level', 'level',
'required', [
        'required' => 'Kolom ini tidak
boleh kosong']);
    if($this->form_validation->run() == FALSE) {

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        $this->load->view('admin/header', $data);
        $this->load->view('admin/akses_add', $data);
        $this->load->view('admin/footer');
    }else {
        $this->Admin_model->simpan_akses();
        $this->session->set_flashdata('flash', 'Data baru
berhasil ditambahkan');
        redirect('admin/akses');
    }
}

public function akses_edit($id) {
    $data = array (
        'title'                =>    'Edit Akses',
        'atr'                  =>    $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
        'me'                   =>    $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('id')])->
row_array(),
        'aksid'                =>    $this->db-
>get_where('tb_admin', ['admin_id' => $id])->row_array(),
    );
    $this->form_validation->set_rules('nama', 'nama', 'required',
[
        'required'            =>    'Kolom ini tidak
boleh kosong']);
    $this->form_validation->set_rules('email', 'email',
'required', [
        'required'            =>    'Kolom ini tidak boleh
kosong']);
    $this->form_validation->set_rules('level', 'level',
'required', [
        'required'            =>    'Kolom ini tidak
boleh kosong']);
    if($this->form_validation->run() == FALSE) {
        $this->load->view('admin/header', $data);
        $this->load->view('admin/akses_edit', $data);
        $this->load->view('admin/footer');
    }else {
        $this->Admin_model->edit_akses($id);
        $this->session->set_flashdata('flash', 'Data berhasil
diperbaharui');
        redirect('admin/akses');
    }
}

public function akses_del($id) {
    $this->db->where('admin_id', $id);
    $this->db->delete('tb_admin');
    $this->session->set_flashdata('flash', 'Data berhasil
dihapus');
    redirect('admin/akses');
}

public function atribut() {
    $data = array (
        'title'                =>    'Konfigurasi
Atribut',
        'atr'                  =>    $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),

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        'me' => $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('id')]) -
>row_array(),
    );
    $this->form_validation->set_rules('nama', 'nama', 'required',
[
        'required' => 'Kolom ini tidak
boleh kosong']);
    $this->form_validation->set_rules('tema', 'tema', 'required',
[
        'required' => 'Kolom ini tidak
boleh kosong']);
    $this->form_validation->set_rules('footer', 'footer',
'required', [
        'required' => 'Kolom ini tidak
boleh kosong']);
    $this->form_validation->set_rules('alamat', 'alamat',
'required', [
        'required' => 'Kolom ini tidak
boleh kosong']);
    if($this->form_validation->run() == FALSE) {
        $this->load->view('admin/header', $data);
        $this->load->view('admin/atribut', $data);
        $this->load->view('admin/footer');
    } else {
        $this->Admin_model->simpan_atribut();
        $this->session->set_flashdata('flash', 'Data berhasil
diperbaharui');
        redirect('admin/konfigurasi/atribut');
    }
}

public function email() {
    $data = array (
        'title' => 'Konfigurasi Email',
        'atr' => $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('id')]) -
>row_array(),
    );
    $this->form_validation->set_rules('email', 'email',
'required', [
        'required' => 'Kolom ini tidak
boleh kosong']);
    $this->form_validation->set_rules('password', 'password',
'required', [
        'required' => 'Kolom ini tidak
boleh kosong']);
    $this->form_validation->set_rules('ssl', 'ssl', 'required', [
        'required' => 'Kolom ini tidak
boleh kosong']);
    if($this->form_validation->run() == FALSE) {
        $this->load->view('admin/header', $data);
        $this->load->view('admin/email', $data);
        $this->load->view('admin/footer');
    } else {
        $this->db->update('tb_atribut', ['set_email' =>
strtolower($this->input->post('email')), 'set_password' => $this->input-

```

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>post('password'), 'set_ssl' => $this->input->post('ssl')],array('id' =>
1));
        $this->session->set_flashdata('flash', 'Data berhasil
diperbaharui');
        redirect('admin/konfigurasi/email');
    }

    public function ongkir() {
        $data = array (
            'title' => 'Konfigurasi
Ongkir',
            'atr' => $this->db-
>get_where('tb_atribut',['id' => 1])->row_array(),
            'me' => $this->db-
>get_where('tb_admin',['admin_id' => $this->session->userdata('id')])-
>row_array(),
        );
        $this->form_validation->set_rules('kota', 'kota', 'required',
[
            'required' => 'Kolom ini tidak
boleh kosong']);
        $this->form_validation->set_rules('token', 'token',
'required', [
            'required' => 'Kolom ini tidak
boleh kosong']);
        if($this->form_validation->run() == FALSE) {
            $this->load->view('admin/header', $data);
            $this->load->view('admin/ongkir', $data);
            $this->load->view('admin/footer');
        }else {
            $kota = explode(",", $this->input->post('kota', TRUE));
            $this->db->update('tb_atribut',['kota' => $kota[0],
'nama_kota' => $kota[1], 'ongkir' => $this->input-
>post('token')],array('id' => 1));
            $this->session->set_flashdata('flash', 'Data berhasil
diperbaharui');
            redirect('admin/konfigurasi/ongkir');
        }
    }

    public function city() {
        $cekapi = $this->db->get_where('tb_atribut',['id' => 1])-
>row_array();
        $apikey = $cekapi['ongkir'];
        $prov = $this->input->post('prov', TRUE);

        $curl = curl_init();
        curl_setopt_array($curl, array(
            CURLOPT_URL =>
"http://api.rajaongkir.com/starter/city?province=$prov",
            CURLOPT_RETURNTRANSFER => true,
            CURLOPT_ENCODING => "",
            CURLOPT_MAXREDIRS => 10,
            CURLOPT_TIMEOUT => 30,
            CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,
            CURLOPT_CUSTOMREQUEST => "GET",
            CURLOPT_HTTPHEADER => array(
                "key: $apikey"
            ),
        ),
    }

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));

$response = curl_exec($curl);
$error = curl_error($curl);

curl_close($curl);

if ($error) {
    echo "cURL Error #:" . $error;
} else {
    $data = json_decode($response, TRUE);

    echo '<option value="" selected disabled>Kota /
Kabupaten</option>';

    for ($i=0; $i < count($data['rajaongkir']['results']); $i++) {
        echo '<option
value="" . $data['rajaongkir']['results'][$i]['city_id'] . ', ' . $data['rajaongki
r']['results'][$i]['city_name'] . '>' . $data['rajaongkir']['results'][$i]['ci
ty_name'] . '</option>';
    }
}

public function profil() {
    $data = array (
        'title' => 'Profil',
        'atr' => $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('id')])->
row_array(),
    );
    $this->form_validation->set_rules('nama', 'nama', 'required',
[
        'required' => 'Kolom ini tidak
boleh kosong']);
    $this->form_validation->set_rules('username', 'username',
'required', [
        'required' => 'Kolom ini tidak
boleh kosong']);
    $this->form_validation->set_rules('password', 'password',
'required', [
        'required' => 'Kolom ini tidak
boleh kosong']);
    if($this->form_validation->run() == FALSE) {
        $this->load->view('admin/header', $data);
        $this->load->view('admin/profil', $data);
        $this->load->view('admin/footer');
    } else {
        $this->Admin_model->simpan_profil();
    }
}

public function password() {
    $data = array (
        'title' => 'Password',
        'atr' => $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),

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```

        'me' => $this->db->get_where('tb_admin', ['admin_id' => $this->session->userdata('id')])->row_array(),
    );
    $this->form_validation->set_rules('password1', 'password1',
    'required', [
        'required' => 'Kolom ini tidak
    boleh kosong']);
    $this->form_validation->set_rules('password2', 'password2',
    'required|matches[password1]', [
        'required' => 'Kolom ini tidak
    boleh kosong',
        'matches' => 'Konfirmasi password
    baru harus sama']);
    $this->form_validation->set_rules('password', 'password',
    'required', [
        'required' => 'Kolom ini tidak
    boleh kosong']);
    if($this->form_validation->run() == FALSE) {
        $this->load->view('admin/header', $data);
        $this->load->view('admin/password', $data);
        $this->load->view('admin/footer');
    }else {
        $this->Admin_model->simpan_password();
    }
}

}

/* End of file Admin.php */
/* Location: ./application/controllers/Admin.php */

```

2. Owner.php

```

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

class Owner extends CI_Controller {
    public function __construct() {
        parent::__construct();
        $this->load->model('Owner_model');
        if($this->session->userdata('ostatus') != 'owner_masuk') {
            redirect('auth');
        }
    }

    function bulan_id($tanggal) {
        $bulan = ['Januari', 'Februari', 'Maret', 'April', 'Mei',
        'Juni', 'Juli', 'Agustus', 'September', 'Oktober', 'November', 'Desember'];
        $tanggal_array = explode('-', $tanggal);
        $day = $tanggal_array[0];
        $month = $bulan[(int)$tanggal_array[1] - 1];
        $year = $tanggal_array[2];
        return $day . ' ' . $month . ' ' . $year;
    }

    public function dashboard() {
        $data = array (

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```

        'title' => 'Dashboard',
        'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('oid')])-
>row_array(),
        'jbarang' => $this->db-
>get('tb_barang')->num_rows(),
        'jtransaksi' => $this->db->get('tb_transaksi')-
>num_rows(),
        'jmember' => $this->db-
>get('tb_member')->num_rows(),
        'jprofit' => $this->Owner_model-
>data_profit(),
        'trxtoday' => $this->Owner_model-
>data_orderan_today(),
        'aktivitas' => $this->Owner_model-
>data_aktivitas(),
    );
    $this->load->view('owner/header', $data);
    $this->load->view('owner/index', $data);
    $this->load->view('owner/footer');
}

public function lap_barang() {
    $dari = $this->input->post('dari');
    $sampai = $this->input->post('sampai');
    $data = array (
        'title' => 'Laporan Data
Barang',
        'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('oid')])-
>row_array(),
        'barang' => $this->Owner_model-
>lap_barang(array($dari,$sampai)),
        'vdari' => $dari,
        'vsampai' => $sampai,
    );
    $this->load->view('owner/header', $data);
    $this->load->view('owner/lap_barang', $data);
    $this->load->view('owner/footer');
}

public function lap_barang_print() {
    $dari = $this->input->get('dari');
    $sampai = $this->input->get('sampai');
    $data = array (
        'title' => 'Laporan Data
Barang',
        'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
        'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('oid')])-
>row_array(),
        'barang' => $this->Owner_model-
>lap_barang(array($dari,$sampai)),
    );
    $this->load->view('owner/lap_barang_print', $data);
}

```

```

    }

    public function lap_barang_excel() {
        $dari = $this->input->get('dari');
        $sampai = $this->input->get('sampai');
        $data = array (
            'title' => 'Laporan Data
Barang',
            'atr' => $this->db-
>get_where('tb_atribut',[ 'id' => 1])->row_array(),
            'me' => $this->db-
>get_where('tb_admin',[ 'admin_id' => $this->session->userdata('oid')])-
>row_array(),
            'barang' => $this->Owner_model-
>lap_barang(array($dari,$sampai)),
            'vdari' => $dari,
            'vsampai' => $sampai,
        );
        $this->load->view('owner/lap_barang_excel', $data);
    }

    public function lap_barang_pdf() {
        $title = 'Laporan Data Barang';
        $dari = $this->input->get('dari');
        $sampai = $this->input->get('sampai');
        $vdari = date('d-m-Y', strtotime($dari));
        $vsampai = date('d-m-Y', strtotime($sampai));
        $barang = $this->Owner_model-
>lap_barang(array($dari,$sampai));
        $atr = $this->db->get_where('tb_atribut',[ 'id' => 1])-
>row_array();
        $pdf = new FPDF('l','mm','Legal');
        // membuat halaman baru
        $pdf->AddPage();
        $pdf->SetFont('Times','B',15);
        $pdf->Cell(350,8,strtoupper($title),0,1,'C');
        // $pdf->Rect(0, 15, 80, 15, 'F');
        $pdf->SetFont('Times','B',11);
        $pdf->Cell(15,8,'Periode',0,0,'l');
        if($dari != '' AND $sampai != '') {
            $pdf->Cell(319,8,': '.$this->bulan_id($vdari).' s/d '.$this-
>bulan_id($vsampai),0,1,'l');
        }else {
            $pdf->Cell(319,8,': -',0,1,'l');
        }
        $pdf->Cell(15,8,'Dicetak',0,0,'l');
        $pdf->Cell(319,8,': '.$this->bulan_id(date('d-m-Y')),0,1,'l');
        $pdf->Cell(13,8,'No',1,0,'C');
        $pdf->Cell(30,8,'ID Barang',1,0,'C');
        $pdf->Cell(180,8,'Nama',1,0,'C');
        $pdf->Cell(33,8,'Harga',1,0,'C');
        $pdf->Cell(20,8,'Stok',1,0,'C');
        $pdf->Cell(58,8,'Kategori',1,1,'C');
        $pdf->SetFont('Times','',10);
        $i = 1;
        foreach($barang as $brg) {
            $pdf->Cell(13,8,$i.'.',1,0,'C');
            $pdf->Cell(30,8,$brg['barang_id'],1,0,'C');
            $pdf->Cell(180,8,$brg['barang_nama'],1,0,'l');
        }
    }

```

```

$pdf-
>Cell(33,8,number_format($brg['barang_harga'],0,',','.'),1,0,'C');
$pdf->Cell(20,8,$brg['barang_stok'],1,0,'C');
$pdf->Cell(58,8,$brg['kategori_nama'],1,1,'l');
$i++;
}
$pdf->Output('D', $title.'.pdf');
}

public function lap_transaksi() {
    $dari = $this->input->post('dari');
    $sampai = $this->input->post('sampai');
    $data = array (
        'title' => 'Laporan Penjualan',
        'atr' => $this->db-
>get_where('tb_atribut',['id' => 1])>row_array(),
        'me' => $this->db-
>get_where('tb_admin',['admin_id' => $this->session->userdata('id')])>
>row_array(),
        'penjualan' => $this->Owner_model-
>lap_penjualan(array($dari,$sampai)),
        'vdari' => $dari,
        'vsampai' => $sampai,
    );
    $this->load->view('owner/header', $data);
    $this->load->view('owner/lap_transaksi', $data);
    $this->load->view('owner/footer');
}

public function lap_transaksi_print() {
    $dari = $this->input->get('dari');
    $sampai = $this->input->get('sampai');
    $data = array (
        'title' => 'Laporan Data
Penjualan',
        'atr' => $this->db-
>get_where('tb_atribut',['id' => 1])>row_array(),
        'me' => $this->db-
>get_where('tb_admin',['admin_id' => $this->session->userdata('id')])>
>row_array(),
        'penjualan' => $this->Owner_model-
>lap_penjualan(array($dari,$sampai)),
        'vdari' => $dari,
        'vsampai' => $sampai,
    );
    $this->load->view('owner/lap_transaksi_print', $data);
}

public function lap_transaksi_excel() {
    $dari = $this->input->get('dari');
    $sampai = $this->input->get('sampai');
    $data = array (
        'title' => 'Laporan Data
Transaksi',
        'atr' => $this->db-
>get_where('tb_atribut',['id' => 1])>row_array(),
        'me' => $this->db-
>get_where('tb_admin',['admin_id' => $this->session->userdata('oid')])>
>row_array(),

```

```

        'transaksi'          =>      $this->Owner_model-
>lap_transaksi(array($dari,$sampai)),
        'vdari'              =>      $dari,
        'vsampai'            =>      $sampai,
    );
    $this->load->view('owner/lap_transaksi_excel', $data);
}

public function lap_transaksi_pdf() {
    $title = 'Laporan Data Transaksi';
    $dari = $this->input->get('dari');
    $sampai = $this->input->get('sampai');
    $vdari = date('d-m-Y', strtotime($dari));
    $vsampai = date('d-m-Y', strtotime($sampai));
    $transaksi = $this->Owner_model-
>lap_transaksi(array($dari,$sampai));
    $atr = $this->db->get_where('tb_atribut', ['id' => 1])-
>row_array();
    $pdf = new FPDF('l','mm','Legal');
    // membuat halaman baru
    $pdf->AddPage();
    $pdf->SetFont('Times','B',15);
    $pdf->Cell(350,8,strtoupper($title),0,1,'C');
    // $pdf->Rect(0, 15, 80, 15, 'F');
    $pdf->SetFont('Times','B',11);
    $pdf->Cell(15,8,'Periode',0,0,'l');
    if($dari != '' AND $sampai != '') {
        $pdf->Cell(319,8,': ' . $this->bulan_id($vdari).' s/d ' . $this-
>bulan_id($vsampai),0,1,'l');
    }else {
        $pdf->Cell(319,8,': - ',0,1,'l');
    }
    $pdf->Cell(15,8,'Dicetak',0,0,'l');
    $pdf->Cell(319,8,': ' . $this->bulan_id(date('d-m-Y')),0,1,'l');
    $pdf->Cell(14,8,'No',1,0,'C');
    $pdf->Cell(40,8,'ID',1,0,'C');
    $pdf->Cell(35,8,'Tanggal',1,0,'C');
    $pdf->Cell(80,8,'Member',1,0,'C');
    $pdf->Cell(40,8,'Total',1,0,'C');
    $pdf->Cell(50,8,'Status',1,0,'C');
    $pdf->Cell(50,8,'Status pengiriman',1,0,'C');
    $pdf->Cell(30,8,'Metode Bayar',1,1,'C');
    $pdf->SetFont('Times','',10);
    $i = 1;
    foreach($transaksi as $trx) {
        $pdf->Cell(14,8,$i.'.',1,0,'C');
        $pdf->Cell(40,8,$trx['trx_id'],1,0,'l');
        $pdf->Cell(35,8,date('d-m-Y',
        strtotime($trx['trx_tgl'])),1,0,'l');
        $pdf->Cell(80,8,$trx['member_nama'],1,0,'l');
        $pdf-
>Cell(40,8,number_format($trx['trx_total'],0,',','.'),1,0,'l');
        $pdf->Cell(50,8,$trx['trx_status'],1,0,'l');
        $pdf->Cell(50,8,$trx['trx_status_pengiriman'],1,0,'l');
        $pdf->Cell(30,8,$trx['trx_metode_bayar'],1,1,'l');
        $i++;
    }
    $pdf->Output('D', $title.'.pdf');
}

```

```

        public function lap_member() {
            $dari = $this->input->post('dari');
            $sampai = $this->input->post('sampai');
            $data = array (
                'title' => 'Laporan Data
Member',
                'atr' => $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
                'me' => $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('oid')])->
row_array(),
                'member' => $this->Owner_model-
>lap_member(array($dari,$sampai)),
                'vdari' => $dari,
                'vsampai' => $sampai,
            );
            $this->load->view('owner/header', $data);
            $this->load->view('owner/lap_member', $data);
            $this->load->view('owner/footer');
        }

        public function lap_member_print() {
            $dari = $this->input->get('dari');
            $sampai = $this->input->get('sampai');
            $data = array (
                'title' => 'Laporan Data
Member',
                'atr' => $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
                'me' => $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('oid')])->
row_array(),
                'member' => $this->Owner_model-
>lap_member(array($dari,$sampai)),
                'vdari' => $dari,
                'vsampai' => $sampai,
            );
            $this->load->view('owner/lap_member_print', $data);
        }

        public function lap_member_excel() {
            $dari = $this->input->get('dari');
            $sampai = $this->input->get('sampai');
            $data = array (
                'title' => 'Laporan Data
Member',
                'atr' => $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
                'me' => $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('oid')])->
row_array(),
                'member' => $this->Owner_model-
>lap_member(array($dari,$sampai)),
                'vdari' => $dari,
                'vsampai' => $sampai,
            );
            $this->load->view('owner/lap_member_excel', $data);
        }

        public function lap_member_pdf() {

```

```

        $title = 'Laporan Data Member';
        $dari = $this->input->get('dari');
        $sampai = $this->input->get('sampai');
        $vdari = date('d-m-Y', strtotime($dari));
        $vsampai = date('d-m-Y', strtotime($sampai));
        $member = $this->Owner_model-
>lap_member(array($dari,$sampai));
        $atr = $this->db->get_where('tb_atribut',['id' => 1])-
>row_array();
        $pdf = new FPDF('p','mm','Legal');
        // membuat halaman baru
        $pdf->AddPage();
        $pdf->SetFont('Times','B',15);
        $pdf->Cell(200,8,strtoupper($title),0,1,'C');
        // $pdf->Rect(0, 15, 80, 15, 'F');
        $pdf->SetFont('Times','B',11);
        $pdf->Cell(15,8,'Periode',0,0,'l');
        if($dari != '' AND $sampai != '') {
            $pdf->Cell(188,8,': '.$this->bulan_id($vdari).' s/d '.$this-
>bulan_id($vsampai),0,1,'l');
        }else {
            $pdf->Cell(188,8,': -',0,1,'l');
        }
        $pdf->Cell(15,8,'Dicetak',0,0,'l');
        $pdf->Cell(188,8,': '.$this->bulan_id(date('d-m-Y')),0,1,'l');
        $pdf->Cell(13,8,'No',1,0,'C');
        $pdf->Cell(27,8,'ID Member',1,0,'C');
        $pdf->Cell(87,8,'Nama',1,0,'C');
        $pdf->Cell(30,8,'Terdaftar',1,0,'C');
        $pdf->Cell(17,8,'Poin',1,0,'C');
        $pdf->Cell(22,8,'Level',1,1,'C');
        $pdf->SetFont('Times','',10);
        $i = 1;
        foreach($member as $mbr) {
            $pdf->Cell(13,8,$i.'.',1,0,'C');
            $pdf->Cell(27,8,$mbr['member_id'],1,0,'l');
            $pdf->Cell(87,8,$mbr['member_nama'],1,0,'l');
            $pdf->Cell(30,8,date('d-m-Y',
strtotime($mbr['member_sejak'])),1,0,'l');
            $pdf->Cell(17,8,$mbr['poin_jumlah'],1,0,'l');
            $pdf->Cell(22,8,$mbr['member_level'],1,1,'l');
            $i++;
        }
        $pdf->Output('D', $title.'.pdf');
    }

    public function profil() {
        $data = array (
            'title' => 'Profil',
            'atr' => $this->db-
>get_where('tb_atribut',['id' => 1])->row_array(),
            'me' => $this->db-
>get_where('tb_admin',['admin_id' => $this->session->userdata('oid')])-
>row_array(),
        );
        $this->form_validation->set_rules('nama', 'nama', 'required',
[
            'required' => 'Kolom ini tidak
boleh kosong']);
    }

```

```

        $this->form_validation->set_rules('email', 'email',
        'required', [
                                'required' => 'Kolom ini tidak
boleh kosong']);
        $this->form_validation->set_rules('password', 'password',
        'required', [
                                'required' => 'Kolom ini tidak
boleh kosong']);
        if($this->form_validation->run() == FALSE) {
            $this->load->view('owner/header', $data);
            $this->load->view('owner/profil', $data);
            $this->load->view('owner/footer');
        }else {
            $this->Owner_model->simpan_profil();
        }
    }

    public function password() {
        $data = array (
            'title' => 'Password',
            'atr' => $this->db-
>get_where('tb_atribut', ['id' => 1])->row_array(),
            'me' => $this->db-
>get_where('tb_admin', ['admin_id' => $this->session->userdata('oid')])->
row_array(),
        );
        $this->form_validation->set_rules('password1', 'password1',
        'required', [
                                'required' => 'Kolom ini tidak
boleh kosong']);
        $this->form_validation->set_rules('password2', 'password2',
        'required|matches[password1]', [
                                'required' => 'Kolom ini tidak
boleh kosong',
                                'matches' => 'Konfirmasi password
harus sama']);
        $this->form_validation->set_rules('password', 'password',
        'required', [
                                'required' => 'Kolom ini tidak
boleh kosong']);
        if($this->form_validation->run() == FALSE) {
            $this->load->view('owner/header', $data);
            $this->load->view('owner/password', $data);
            $this->load->view('owner/footer');
        }else {
            $this->Owner_model->simpan_password();
        }
    }
}

/* End of file Owner.php */
/* Location: ./application/controllers/Owner.php */

```



Kisaran, 21 November 2024

Nomor : 199-050/PP-00.10/UR/XI/2024

Hal : Permohonan Riset

Kepada Yth,

Pimpinan CV. Terang Jaya Kisaran

di

Tempat

Dengan Hormat,

Semoga Tuhan Yang Maha Esa senantiasa memberikan kemudahan bagi kita semua dalam menjalankan aktivitas sehari-hari.

Universitas Royal sebagai salah satu perguruan tinggi penyelenggaraan program pendidikan Strata 1 (S1) dengan ini mengajukan permohonan kepada Bapak/Ibu agar kiranya dapat menerima Mahasiswa/I kami melaksanakan kegiatan Riset yang dilaksanakan pada tanggal 22 November 2024 - 22 Desember 2024. Berikut ini data mahasiswa yang akan melaksanakan Riset :

No	Nama Mahasiswa	Program Studi	L/P	NIM
1	Nurul Armin Dita	Sistem Informasi-S1	P	21.22.0417

Adapun Tujuan dilaksanakannya Riset ini untuk Menyelesaikan Penulisan Skripsi Program Strata 1 (S1) Universitas Royal. Judul Skripsi : "*Analisis Sistem E-CRM Meningkatkan Intensitas Penjualan di CV. Terang Jaya*".

Demikian permohonan ini kami sampaikan. Atas perhatian, kesediaan, dan kerjasama yang baik kami ucapkan terima kasih.

Hormat Kami
Rektor,

UNIVERSITAS ROYAL
Wag. Mariatul Kifti, M.M.
NIDN. 0114057302

Tembusan :
- Arsip





CV. TERANG JAYA

LEVERANSIR & PERCETAKAN

**Jl. Jenderal Ahmad Yani No. 61 - 63
(Simp. Katerina) Kisaran - Sumut**

Kisaran, 02 Desember 2024

Perihal : Permohonan Izin Riset

Kepada Yth :

Ketua Yayasan Universitas Royal

Di
Tempat

Dengan Hormat,

Berdasarkan Surat Nomor : 199-050/PP-00.10/UR/XI/2024 Tanggal 21 November 2024

Perihal Permohonan Izin Riset dalam rangka penyusunan Skripsi atas nama :

Nama : NURUL ARNIN DITA

NIM : 21.22.0417

Program Studi : Sistem Informasi

Judul Penelitian : ANALISIS SISTEM E-CRM MENINGKATKAN
INTENSITAS PENJUALAN DI CV. TERANG JAYA

Selanjutnya kami sampaikan, bahwa kami tidak keberatan yang bersangkutan untuk melaksanakan Riset ditempat kami dengan ketentuan mengikuti peraturan yang ada.

Demikian surat balasan Riset ini kami perbuat untuk dapat digunakan seperlunya, atas kerja sama yang baik kami ucapkan terima kasih.

Direktur CV. Terang Jaya

CV. TERANG JAYA
LEVERANSIR & PERCETAKAN
Jl. Jenderal Ahmad Yani No. 61 - 63
(Simp. Katerina) Kisaran - Sumut
Aleksius Sagala



LEMBAR KONSULTASI SKRIPSI

Nama Mahasiswa : NURUL ARNIN DITA
NIM : 21220417
Program Studi : Sistem Informasi
Judul Skripsi/TA : ANALISIS SISTEM E-CRM MENINGKATKAN INTENSITAS PENJUALAN DI CV. TERANG JAYA
Dosen Pembimbing : 1. FAURIATUN HELMIAH, M.Kom
: 2. IIN ALMEINA LUBIS, SS., M.S.
Lembar Konsultasi : Pembimbing 1
Tanggal Pertemuan Pertama : 19 November 2024

PERTEMUAN/ TANGGAL	MATERI BAHASAN	PARAF DOSEN	KETERANGAN
19-11-2024	Perbaiki isi bab 1		BAB I (Revisi)
29-11-2024	Acc Bab 1		BAB I (ACC)
30-11-2024	Tambahkan tugas dan fungsi di bab 2		BAB II (Revisi)
03-12-2024	Acc Bab II		BAB II (ACC)
16-12-2024	Revisi bab 3		BAB III (Revisi)
17-12-2024	Acc Bab 3		BAB III (ACC)
18-12-2024	Acc Seminar Proposal		Seminar Proposal (ACC)
04-03-2025	Perbaiki tampilan rancangan program di bab 4		BAB IV (Revisi)
05-03-2025	Acc Bab 4		BAB IV (ACC)
06-03-2025	Tambahkan tampilan database pada bab 5		BAB V (Revisi)
07-03-2025	Acc Bab 5		BAB V (ACC)
10-03-2025	Perbaiki kesimpulan		BAB VI (Revisi)
11-03-2025	Acc Bab 6		BAB VI (ACC)
12-03-2025	Tambahkan notifikasi E-mail untuk pelanggan		Pengujian Alat/Aplikasi (Revisi)
13-03-2025	Acc Program		Pengujian Alat/Aplikasi (ACC)
24-03-2025	Acc Seminar Hasil		Seminar Hasil (ACC)
17-04-2025	Acc Sidang Meja Hijau		Sidang Meja Hijau (ACC)



LEMBAR KONSULTASI SKRIPSI

Nama Mahasiswa : NURUL ARNIN DITA
NIM : 21220417
Program Studi : Sistem Informasi
Judul Skripsi/TA : ANALISIS SISTEM E-CRM MENINGKATKAN INTENSITAS PENJUALAN DI CV. TERANG JAYA
Dosen Pembimbing : 1. FAURIATUN HELMIAH, M.Kom
: 2. IIN ALMEINA LUBIS, SS., M.S.
Lembar Konsultasi : Pembimbing 2
Tanggal Pertemuan Pertama* : 20 November 2024

PERTEMUAN/ TANGGAL	MATERI BAHASAN	PARAF DOSEN	KETERANGAN
20-11-2024	1. - Pada point 1.1 Latar belakang masalah : perhatikan penulisan huruf besar. Awal kalimat menggunakan huruf besar, perhatikan dan cek kembali. 2. - Kata E Commerce adalah bahasa asing, wajib cetak miring. 3. - Kata client adalah bahasa asing, cetak miring, atau mau pakai bahasa Indonesia tidak cetak miring menjadi klien 4. - Kata Supplier adalah bahasa asing, wajib cetak miring. 5. - Kata stakeholder adalah bahasa asing, cetak miring 6. - Pada point 1.2 identifikasi masalah, penjelasan di point 1, pastikan Terang Jaya itu apakah CV atau perusahaan ?		BAB I (Revisi)
07-12-2024	ACC Bab 1 lanjut Bab 2		BAB I (ACC)
07-12-2024	1. - Pada halaman 13, point 2.1.2.4 penulisan kata Relationship di ganti dan di perbaiki menjadi Relationship. dan kata ebusiness di perbaiki penulisannya menjadi e business. 2. - Pada penjelasan 2.1.2.5 kata customer relationship management di perbaiki menggunakan huruf besar. 3. - Masih terdapat salah pengetikan kata di halaman 31, di perbaiki, begitu juga di halaman 33. 4. - Pada pembahasan 2.1.5.2, ada kata menurut Rulianto Kurniawan. Penulisan skripsi sudah pakai Mendeley, baca kembali panduan penulisan skripsi. Cukup tag mendeley saja, tidak perlu pakai nama Author dalam penulisan skripsi. 5. - Pada penjelasan point 2.3 penjelasan kerangka pemikiran, ada 2 paragraf, sumber dan referensi nya darimana ?		BAB II (Revisi)
31-12-2024	ACC Bab 2 Lanjut Bab III		BAB II (ACC)
31-12-2024	ACC Bab III lanjut Seminar Proposal		BAB III (ACC)

PERTEMUAN/ TANGGAL	MATERI BAHASAN	PARAF DOSEN	KETERANGAN
31-12-2024	ACC Seminar Proposal	AR	Seminar Proposal (ACC)
15-03-2025	1. - Pada penjelasan 4.1 Analisis Sistem, sumbernya darimana ? dan untuk penjelasannya tidak perlu 2 paragraf, jadikan satu paragraf, kalau memang menjadi satu kesatuan. 2. - Pada halaman 60, pada penjelasan 4.1.2.2 analisis proses metode customer relationship management, paragraf kedua, kata CRM ubah menjadi huruf besar. 3. - Pada halaman 62, dan 63 jangan ada space yang kosong, rapikan, edit kembali, sesuaikan dengan format penulisan. 4. - Pada point 4.3, pembahasan tentang perancangan sistem secara umum, darimana sumbernya ? 5. - Pada halaman 88, untuk font penulisan, sesuaikan dengan format penulisan, rapikan, jangan terlalu besar. 6. - pada halaman 97, rapiikan kembali, jangan ada space yang kosong.	AR	BAB IV (Revisi)
18-03-2025	ACC Bab IV lanjut Bab V	AR	BAB IV (ACC)
22-03-2025	ACC Pengujian ALat	AR	Pengujian Alat/Aplikasi (ACC)
22-03-2025	ACC Seminar Hasil	AR	Seminar Hasil (ACC)
22-03-2025	ACC Bab V Lanjut Bab VI	AR	BAB V (ACC)
22-03-2025	ACC Bab VI lanjut Uji Sistem	AR	BAB VI (ACC)
17-04-2025	ACC Sidang Meja hijau	AR	Sidang Meja Hijau (ACC)

Kisaran, 17 April 2025

Ka. Prodi Sistem Informasi



Nurwati, M.Kom.
NIDN: 0101068701

DAFTAR RIWAYAT HIDUP

Nama : Nurul Arnin Dita

Tempat/ Tanggal Lahir : Sentang, 15 Oktober 2002

Jenis Kelamin : Perempuan

Agama : Islam

Alamat : Jl. Jahe Lk.V, Kel.Sentang, Kec. Kisaran Timur
Kab. Asahan

Pendidikan Terakhir : SMA Swasta Muhammadiyah 8 Kisaran

Status : Belum Kawin

No. Hp : 082285065433



21220417_ NURUL ARNIN DITA

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