

## LAMPIRAN

### Lampiran 1 Bukti Pengumpulan Kebutuhan Sistem



## Lampiran 2 Bukti Pengujian Oleh Mitra



## Lampiran 3 Biodata Penulis

### Biodata Penulis 1

#### Data Diri

Nama : Nurfinta Khoiriyah Mahgfiroh

Nomor Induk Mahasiswa : 1831710013

Tempat, Tanggal Lahir : Mojokerto, 28 Januari 2000

Jenis Kelamin : Perempuan

Jurusan : Teknologi Informasi

Program Studi : D3 – Manajemen Informatika

Perguruan Tinggi : Politeknik Negeri Malang

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#### RIWAYAT PENDIDIKAN

2006 – 2012	-	SD Negeri Kedunglengkong
2012 – 2015	-	SMP Negeri 1 Dlanggu
2015 – 2018	IPA	SMAN 1 Kota Mojokerto
2018 – Sekarang	D-III Manajemen Informatika	Politeknik Negeri Malang

## Biodata Penulis 2

### Data Diri

Nama : Salsabila Putri Kamila

Nomor Induk Mahasiswa : 1831710184

Tempat, Tanggal Lahir : Jombang, 11 September 2000

Jenis Kelamin : Perempuan

Jurusan : Teknologi Informasi

Program Studi : D3 – Manajemen Informatika

Perguruan Tinggi : Politeknik Negeri Malang

Alamat : Ds. Bakalanrayung, Kec. Kudu, Kab. Jombang Jawa Timur

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### RIWAYAT PENDIDIKAN

2006 – 2012	-	SD Negeri Bakalanrayung 1
2012 – 2015	-	SMP Negeri 1 Tembelang
2015 – 2018	IPA	SMA Negeri Ploso
2018 – Sekarang	D-III Manajemen Informatika	Politeknik Negeri Malang

## Lampiran 4 Surat Pernyataan Kerja Sama Dengan Mitra

### UD. SEJAHTERA

Dsn. Banjarsari, RT 01 RW 01, Ds. Kedunglengkong, Kec. Dlanggu, Kab. Mojokerto  
Telp: +628563301718

#### SURAT PERNYATAAN KERJA SAMA DENGAN MITRA DALAM PELAKSANAAN LAPORAN AKHIR

Yang bertanda tangan di bawah ini,

Nama : Adrian Nyoto  
Jabatan : Pemilik Perusahaan  
Nama Institusi : UD. Sejahtera  
Alamat Institusi : Dsn. Banjarsari, RT 01 RW 01, Ds. Kedunglengkong, Kec.  
Dlanggu, Kab. Mojokerto, Jawa Timur, 61371

Dengan ini menyatakan Bersedia untuk Bekerja sama dengan Pelaksanaan Kegiatan Laporan Akhir.

Nama Mahasiswa : Nurfinta Khoiriyah Mahgfiroh  
NIM : 1831710013  
Nama Mahasiswa : Salsabila Putri Kamila  
NIM : 1831710184  
Program Studi / Jurusan : DIII Manajemen Informatika / Teknologi Informasi  
Nama Institusi : Politeknik Negeri Malang  
Judul Laporan Akhir : Sistem Informasi Persediaan Dan Transaksi Beras  
Serta Sisa Produksi Beras Guna Mengetahui  
Penjualan Tertinggi Di UD. Sejahtera

Kami bersedia untuk menerapkan sistem / aplikasi yang dibuat oleh Saudara (Nurfinta Khoiriyah Mahgfiroh dan Salsabila Putri Kamila) di Institusi kami. Demikian Surat Pernyataan ini dibuat dengan penuh kesadaran dan tanggung jawab tanpa ada unsur pemaksaan di dalam pembuatannya untuk dapat digunakan sebagaimana mestinya.

Mojokerto, 24 Agustus 2021

Yang membuat pernyataan,



(Adrian Nyoto)

## Lampiran 5 Source Code

### *Script Controllers Reset.php*

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

class Reset extends CI_Controller
{

    public function __construct()
    {
        parent::__construct();
        $this->load->model('reset_model');
    }

    public function index()
    {
        $data = [
            'resets' => $this->reset_model->all()
        ];

        $this->load->view('template/administrator/header', $data);
        $this->load->view('template/administrator/sidebar', $data);
        $this->load->view('administrator/reset/index', $data);
        $this->load->view('template/administrator/footer', $data);
    }

    public function detail($id)
    {
        if (!$this->reset_model->find($id)) {
            redirect('administrator/reset');
        }

        $data = [
            'reset' => $this->reset_model->find($id)
        ];

        $this->load->view('template/administrator/header', $data);
        $this->load->view('template/administrator/sidebar', $data);
        $this->load->view('administrator/reset/reset', $data);
        $this->load->view('template/administrator/footer', $data);
    }

    public function process($id)
    {
        $this->load->library('form_validation');

        $this->form_validation->set_rules('password', 'Password',
'required', [
            'required' => '%s harus diisi'
        ]);
        $this->form_validation->set_rules('password_confirm', 'Konfirmasi
Password', 'required|matches[password]', [
            'required' => '%s harus diisi',
            'matches' => '%s tidak cocok'
        ]);
    }
}
```

```

        if ($this->form_validation->run() == FALSE) {
            $data = [
                'reset' => $this->reset_model->find($id)
            ];
            $this->load->view('template/administrator/header', $data);
            $this->load->view('template/administrator/sidebar', $data);
            $this->load->view('administrator/reset/reset', $data);
            $this->load->view('template/administrator/footer', $data);
        } else {
            $cek = $this->reset_model->find($id);

            if($this->_sendEmailForgot($cek,$this->input-
>post('password'))){
                $this->reset_model->process($id, $this->input-
>post('password'));
                $this->session->set_flashdata('pesan', 'Password berhasil
direset');
                redirect('administrator/reset');
            } else {
                $this->session->set_flashdata('error', 'Email tidak
ditemukan');
                redirect('administrator/reset');
            }
        }
    }
    private function _sendEmailForgot($user,$password)
    {
        $config = [
            'protocol' => 'smtp',
            'smtp_host' => 'ssl://srv65.niagahoster.com',
            'smtp_user' => 'no-reply@udsejahtera.web.id',
            'smtp_pass' => 'u6929295_uds',
            'smtp_port' => 465,
            'mailtype' => 'html',
            'charset' => 'utf-8',
            'newline' => "\r\n"
        ];
        $this->load->library('email', $config);

        $this->email->from('no-reply@udsejahtera.web.id', 'UD
Sejahtera');

        $data = array(
            'email' => $user->email,
            'name' => $user->nama,
            'pass' => $password
        );

        $this->email->to($user->email);

        $this->email->subject('Reset Password');
        $body = $this->load->view('template/administrator/forgot',
$data, TRUE);
        $this->email->message($body);

        if ($this->email->send()) {

```

```

        return true;
    } else {
        show_error($this->email->print_debugger());
        $this->session->set_flashdata('flash-data', 'Server sedang
//          sibuk! Silahkan coba beberapa saat lagi');
//          redirect('login');
//          die;
    }
}

function resetview(){
    $this->load->view('template/administrator/forgot', TRUE);
}

}
?>

```

### *Script Controllers Home.php (Pemilik)*

```

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

class Home extends CI_Controller
{
    public function __construct(){
        parent::__construct();
        $this->load->helper('url');
        $this->load->model('pemilik/user_model');
        $this->load->model('admin/dashboard_model');

        if($this->session->userdata('level') != "pemilik"){
            redirect('login', 'refresh');
        }
    }

    public function index(){
        $data['title'] = 'UD. Sejahtera | Dashboard Pemilik ';
        $data['alertStock'] = $this->user_model->getAlert();
        $data['countStatus'] = $this->user_model->getAllStatus();
        $data['tertinggi'] = $this->dashboard_model-
>PenjualanTertinggi();

        $this->load->view('template/pemilik/header', $data);
        $this->load->view('template/pemilik/sidebar', $data);
        $this->load->view('pemilik/home/index', $data);
        $this->load->view('template/pemilik/footer', $data);
    }
    public function setRead(){
        $this->user_model->alertMarkRead();
    }
    public function getCount(){
        $data = $this->user_model->getAllStatus();
        foreach($data as $result) {
            echo json_encode($result);

```



```
    }  
  }  
}  
?>
```

### Script Controllers Penjualan.php (Admin)

```
<?php  
  
defined('BASEPATH') OR exit('No direct script access allowed');  
  
class Penjualan extends CI_Controller {  
  
    public function __construct()  
    {  
        parent::__construct();  
        $this->load->model('admin/penjualan_model');  
        $this->load->model('admin/barang_model');  
        $this->load->model('admin/user_model');  
        $this->load->library('form_validation');  
  
        if($this->session->userdata('level') != "admin"){  
            redirect('login', 'refresh');  
        }  
    }  
  
    public function index()  
    {  
        $this->load->model('admin/penjualan_model');  
  
        $data ['title'] = 'Data Penjualan Beras';  
        $data ['penjualan'] = $this->penjualan_model->getAllPenjualan();  
        $data ['penjualan2'] = $this->penjualan_model->  
>NilaiTerbesar();  
        $data ['penjualan3'] = $this->penjualan_model->  
>NilaiTerkecil();  
        $data ['penjualan4'] = $this->penjualan_model->  
>NilaiRataRata();  
        $data ['penjualan5'] = $this->penjualan_model->NilaiSum();  
        $data ['penjualan6'] = $this->penjualan_model->  
>FieldCountPelanggan();  
  
        $this->load->view('template/admin/header_admin', $data);  
        $this->load->view('template/admin/sidebar_admin', $data);  
        $this->load->view('admin/penjualan/index', $data);  
        $this->load->view('template/admin/footer_admin');  
    }  
  
    public function hapus($id){  
        $this->load->library('session');  
        $this->load->model('admin/penjualan_model');  
        $this->penjualan_model->hapusdatapenjualan($id);  
        $this->session->set_flashdata('pesan2','Data Berhasil di
```

```

Hapus');
        redirect('admin/penjualan','refresh');
    }

    public function edit($id){
        $this->load->model('admin/penjualan_model');
        $this->load->library('session');
        $this->load->library('form_validation');
        $this->load->model('admin/user_model');
        $this->load->model('admin/persediaan_model');

$penjualan1=0;$penjualan2=0;$pembelian1=0;$pembelian2=0;$nominalpen1=0;

$nominalpen2=0;$nominalpem1=0;$nominalpem2=0;$nominalpen2baru=0;$nominalpen1
baru=0;$nominalpem2baru=0;$nominalpem1baru=0;
        $data ['title'] = 'Form Edit Data Penjualan Beras';
        $data ['penjualan'] = $this->penjualan_model-
>getPenjualanByID($id);
        $data ['barang'] = $this->penjualan_model->getAllBarang();
        $data ['user'] = $this->user_model->getUser($this->session-
>userdata('id_user'));

        $this->form_validation->set_rules('nama_pelanggan',
'nama_pelanggan', 'required',
            array('required' => '*Nama Pelanggan harus di isi !'));
        $this->form_validation->set_rules('tanggal', 'tanggal',
'required',
            array('required' => '*Tanggal Transaksi harus di isi !'));
        $this->form_validation->set_rules('jml_berat', 'jml_berat',
'required',
            array('required' => '*Jumlah Berat Padi harus di isi !'));
        $this->form_validation->set_rules('total_bayar', 'total_bayar',
'required',
            array('required' => '*Total Bayar harus di isi !'));
        $this->form_validation->set_rules('ukuran_karung',
'ukuran_karung', 'required',
            array('required' => '*Ukuran Karung harus di isi !'));
        $this->form_validation->set_rules('total_karung',
'total_karung', 'required',
            array('required' => '*Total Karung harus di isi !'));

        if($this->form_validation->run() == FALSE)
        {
            $this->load->view('template/admin/header_admin', $data);
            $this->load->view('template/admin/sidebar_admin',
$data);
            $this->load->view('admin/penjualan/edit', $data);
            $this->load->view('template/admin/footer_admin');
        }
        else{
            $penjualan1= $this->persediaan_model-
>persediaanPenjualan1();
            $penjualan2 = $this->persediaan_model-
>persediaanPenjualan2();

            $pembelian1= $this->persediaan_model-
>persediaanPembelian1();

```

```

        $pembelian2= $this->persediaan_model-
>persediaanPembelian2();

        foreach ($penjualan2 as $stok_penjualan2) {
            $nominalpen2 += $stok_penjualan2->jml_berat;
        }
        foreach ($pembelian2 as $stok_pembelian2) {
            $nominalpem2 += $stok_pembelian2->jml_berat;
        }
        $total_stok2 = $nominalpem2 - $nominalpen2;

        foreach ($penjualan1 as $stok_penjualan1) {
            $nominalpen1 += $stok_penjualan1->jml_berat;
        }
        foreach ($pembelian1 as $stok_pembelian1) {
            $nominalpem1 += $stok_pembelian1->jml_berat;
        }
        $total_stok1 = $nominalpem1 - $nominalpen1;

        $jumlah = $this->input->post('jml_berat');
        $jenisTrans = $this->input->post('jns_transaksi');
        $penjualan = "Penjualan";
        $namaBarang = $this->input->post('nama_barang');
        if($namaBarang==4 && $jumlah>$total_stok1){
            $this->session->set_flashdata('error','Berat melebihi
Stok');
            redirect('admin/penjualan','refresh');
        }else if($namaBarang==5 && $jumlah>$total_stok2){
            $this->session->set_flashdata('error','Berat melebihi
Stok');
            redirect('admin/penjualan','refresh');
        }else{
            $this->penjualan_model->ubahdatapenjualan();
            $penjualan1= $this->persediaan_model-
>persediaanPenjualan1();
            $penjualan2 = $this->persediaan_model-
>persediaanPenjualan2();

            $pembelian1= $this->persediaan_model-
>persediaanPembelian1();
            $pembelian2= $this->persediaan_model-
>persediaanPembelian2();

            foreach ($penjualan2 as $stok_penjualan2) {
                $nominalpen2baru += $stok_penjualan2->jml_berat;
            }
            foreach ($pembelian2 as $stok_pembelian2) {
                $nominalpem2baru += $stok_pembelian2->jml_berat;
            }
            $total_stok2 = $nominalpem2baru - $nominalpen2baru;

            foreach ($penjualan1 as $stok_penjualan1) {
                $nominalpen1baru += $stok_penjualan1->jml_berat;
            }
            foreach ($pembelian1 as $stok_pembelian1) {
                $nominalpem1baru += $stok_pembelian1->jml_berat;
            }
            $total_stok1 = $nominalpem1baru - $nominalpen1baru;

```

```

        if($total_stok1 < 25) {
            $data=[
                'alert'=>$total_stok1,
                'type'=>"stock",
                'date'=>date("Y-m-d"),
                'description'=>"Peringatan Stock IR 64",
                'read'=>"no"
            ];
            $this->db->insert('status_alert', $data);
        } if ($total_stok2 < 25){
            $data=[
                'alert'=>$total_stok2,
                'type'=>"stock",
                'date'=>date("Y-m-d"),
                'description'=>"Peringatan Stock Membramo",
                'read'=>"no"
            ];
            $this->db->insert('status_alert', $data);
        }
        $this->session->set_flashdata('pesan3','Data Berhasil di
Edit');
        redirect('admin/penjualan','refresh');
    }

}

public function kwitansi($id){
    $this->load->library('pdf');

    $this->load->model('admin/penjualan_model');
    $data['penjualan'] = $this->penjualan_model->view($id);

    $this->pdf->setPaper('A4', 'landscape');
    $this->pdf->filename = "kwitansi-penjualan.pdf";
    $this->pdf->load_view('admin/penjualan/kwitansi', $data);
}

}

/* End of file Penjualan.php */
?>

```

## Script Controllers Persediaan.php (Pemilik)

```
<?php

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

class Persediaan extends CI_Controller {

    public function __construct()
    {
        parent::__construct();
        $this->load->model('admin/persediaan_model');

        $this->load->library('form_validation');

        if($this->session->userdata('level') != "pemilik"){
            redirect('login', 'refresh');
        }
    }

    public function index()
    {
        $this->load->model('admin/persediaan_model');
        $this->load->model('pemilik/user_model');
        //modul untuk load database
        //$this->load->database();
        $data ['title'] = 'Data Persediaan Beras';
        $data ['penjualan1'] = $this->persediaan_model-
>persediaanPenjualan1();
        $data ['penjualan2'] = $this->persediaan_model-
>persediaanPenjualan2();

        $data ['pembelian1'] = $this->persediaan_model-
>persediaanPembelian1();
        $data ['pembelian2'] = $this->persediaan_model-
>persediaanPembelian2();
        $data['alertStock'] = $this->user_model->getAlert();
        $data['countStatus'] = $this->user_model->getAllStatus();
        $this->load->view('template/pemilik/header', $data);
        $this->load->view('template/pemilik/sidebar', $data);
        $this->load->view('pemilik/persediaan/index', $data);
        $this->load->view('template/pemilik/footer', $data);
    }

    public function detail_ir64()
    {
        $this->load->model('admin/persediaan_model');
        $this->load->model('pemilik/user_model');
        //modul untuk load database
        //$this->load->database();
        $data ['title'] = 'Data Persediaan Beras';
        $data ['penjualan1'] = $this->persediaan_model-
>persediaanPenjualan1();
        $data ['pembelian1'] = $this->persediaan_model-
>persediaanPembelian1();
        $data['alertStock'] = $this->user_model->getAlert();
        $data['countStatus'] = $this->user_model->getAllStatus();
        $this->load->view('template/pemilik/header', $data);
    }
}
```

```

        $this->load->view('template/pemilik/sidebar', $data);
        $this->load->view('pemilik/persediaan/detail_ir64', $data);
        $this->load->view('template/pemilik/footer', $data);
    }

    public function detail_membramo()
    {
        $this->load->model('admin/persediaan_model');
        $this->load->model('pemilik/user_model');
        //modul untuk load database
        //$this->load->database();
        $data ['title'] = 'Data Persediaan Beras';
        $data ['penjualan2'] = $this->persediaan_model-
>persediaanPenjualan2();
        $data ['pembelian2'] = $this->persediaan_model-
>persediaanPembelian2();
        $data['alertStock'] = $this->user_model->getAlert();
        $data['countStatus'] = $this->user_model->getAllStatus();
        $this->load->view('template/pemilik/header', $data);
        $this->load->view('template/pemilik/sidebar', $data);
        $this->load->view('pemilik/persediaan/detail_membramo', $data);
        $this->load->view('template/pemilik/footer', $data);
    }
}

/* End of file Persedian.php */
?>

```

### *Script Controllers Laporan.php (Pemilik)*

```

<?php

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

class Laporan extends CI_Controller {

    public function __construct()
    {
        //digunakan untuk menjalankan fungsi construct pada class
parent_controller;
        parent::__construct();
        $this->load->model('pemilik/laporan_model');
        $this->load->library('form_validation');

        if($this->session->userdata('level') != "pemilik"){
            redirect('login', 'refresh');
        }
    }

    public function index(){
        $this->load->model('pemilik/laporan_model');
        $this->load->model('pemilik/user_model');
        $data['title'] = "Laporan Transaksi Beras";
    }
}

```

```

        $data['debitPenj'] = $this->laporan_model->getAllDebitPenj();
        $data['debitPeng'] = $this->laporan_model->getAllDebitPeng();
        $data['kredit'] = $this->laporan_model->getAllKredit();
        $data['alertStock'] = $this->user_model->getAlert();
        $data['countStatus'] = $this->user_model->getAllStatus();
        $this->load->view('template/pemilik/header', $data);
        $this->load->view('template/pemilik/sidebar', $data);
        $this->load->view('pemilik/laporan/index', $data);
        $this->load->view('template/pemilik/footer', $data);
    }

    public function filter_cetak(){
        $this->load->model('pemilik/laporan_model');
        $this->load->model('pemilik/user_model');
        $data['title'] = "Filter Cetak Laporan";
        $data['tahun'] = $this->laporan_model->gettahun();
        $data['alertStock'] = $this->user_model->getAlert();
        $data['countStatus'] = $this->user_model->getAllStatus();
        $this->load->view('template/pemilik/header', $data);
        $this->load->view('template/pemilik/sidebar', $data);
        $this->load->view('pemilik/laporan/filter_cetak', $data);
        $this->load->view('template/pemilik/footer', $data);
    }

    public function filter(){
        $this->load->model('pemilik/user_model');
        $tanggalawal = $this->input->post('tanggalawal');
        $tanggalakhir = $this->input->post('tanggalakhir');
        $tahun1 = $this->input->post('tahun1');
        $bulanawal = $this->input->post('bulanawal');
        $bulanakhir = $this->input->post('bulanakhir');
        $tahun2 = $this->input->post('tahun2');
        $nilaifilter = $this->input->post('nilaifilter');
        $data['alertStock'] = $this->user_model->getAlert();
        $data['countStatus'] = $this->user_model->getAllStatus();
        if ($nilaifilter == 1) {
            $data['title'] = "Laporan Transaksi Beras Per Tanggal";

            $this->load->model('pemilik/laporan_model');
            $data['subtitle'] = "Dari tanggal : ".$tanggalawal." Sampai
tanggal : ".$tanggalakhir;
            $data['datafilter'] = $this->laporan_model-
>filterbytanggalDebitPenj($tanggalawal,$tanggalakhir);
            $data['datafilter2'] = $this->laporan_model-
>filterbytanggalDebitPeng($tanggalawal,$tanggalakhir);
            $data['datafilter3'] = $this->laporan_model-
>filterbytanggalKredit($tanggalawal,$tanggalakhir);
            $this->load->library('pdf');
            $this->pdf->setPaper('A4', 'landscape');
            $this->pdf->filename = "Laporan Transaksi Beras.pdf";
            $this->pdf->load_view('pemilik/laporan/laporan', $data);

        }elseif ($nilaifilter == 2) {

            $data['title'] = "Laporan Transaksi Beras Per Bulan";

```

```

        $this->load->model('pemilik/laporan_model');
        $data['subtitle'] = "Dari bulan : ".$bulanawal.' Sampai
bulan : '.$bulanakhir.' Tahun : '.$tahun1;
        $data['datafilter'] = $this->laporan_model-
>filterbybulanDebitPenj($tahun1,$bulanawal,$bulanakhir);
        $data['datafilter2'] = $this->laporan_model-
>filterbybulanDebitPeng($tahun1,$bulanawal,$bulanakhir);
        $data['datafilter3'] = $this->laporan_model-
>filterbybulanKredit($tahun1,$bulanawal,$bulanakhir);
        $this->load->library('pdf');
        $this->pdf->setPaper('A4', 'landscape');
        $this->pdf->filename = "Laporan Transaksi Beras.pdf";
        $this->pdf->load_view('pemilik/laporan/laporan', $data);

    }elseif ($nilaifilter == 3) {

        $data['title'] = "Laporan Transaksi Beras Per Tahun";

        $this->load->model('pemilik/laporan_model');
        $data['subtitle'] = ' Tahun : '.$tahun2;
        $data['datafilter'] = $this->laporan_model-
>filterbytahunDebitPenj($tahun2);
        $data['datafilter2'] = $this->laporan_model-
>filterbytahunDebitPeng($tahun2);
        $data['datafilter3'] = $this->laporan_model-
>filterbytahunKredit($tahun2);
        $this->load->library('pdf');
        $this->pdf->setPaper('A4', 'landscape');
        $this->pdf->filename = "Laporan Transaksi Beras.pdf";
        $this->pdf->load_view('pemilik/laporan/laporan', $data);

    }
}
?>

```