



REPUBLIK INDONESIA
KEMENTERIAN HUKUM DAN HAK ASASI MANUSIA

SURAT PENCATATAN CIPTAAN

Dalam rangka perlindungan ciptaan di bidang ilmu pengetahuan, seni dan sastra berdasarkan Undang-Undang Nomor 28 Tahun 2014 tentang Hak Cipta, dengan ini menerangkan:

Nomor dan tanggal permohonan : EC00202033574, 16 September 2020

Pencipta

Nama : **Andi Riyanto, Irwan Tanu Kusnadi**
Alamat : Jl. Cikiray No. 42, RT/RW 005/004, Kel. Kebonjati, Kec. Cikole, Kota Sukabumi, Jawa Barat, 43112
Kewarganegaraan : Indonesia

Pemegang Hak Cipta

Nama : **Andi Riyanto, Irwan Tanu Kusnadi**
Alamat : Jl. Cikiray No. 42, RT/RW 005/004, Kel. Kebonjati, Kec. Cikole, Kota Sukabumi, Jawa Barat, 43112
Kewarganegaraan : Indonesia
Jenis Ciptaan : **Program Komputer**
Judul Ciptaan : **SIREHAP (Sistem Informasi Rekapitulasi Hasil Pemilu)**
Tanggal dan tempat diumumkan untuk pertama kali di wilayah Indonesia atau di luar wilayah Indonesia : 15 September 2020, di Kota Sukabumi
Jangka waktu perlindungan : Berlaku selama 50 (lima puluh) tahun sejak Ciptaan tersebut pertama kali dilakukan Pengumuman.
Nomor pencatatan : 000203467

adalah benar berdasarkan keterangan yang diberikan oleh Pemohon.
Surat Pencatatan Hak Cipta atau produk Hak terkait ini sesuai dengan Pasal 72 Undang-Undang Nomor 28 Tahun 2014 tentang Hak Cipta.



a.n. MENTERI HUKUM DAN HAK ASASI MANUSIA
DIREKTUR JENDERAL KEKAYAAN INTELEKTUAL

Dr. Freddy Harris, S.H., LL.M., ACCS.
NIP. 196611181994031001

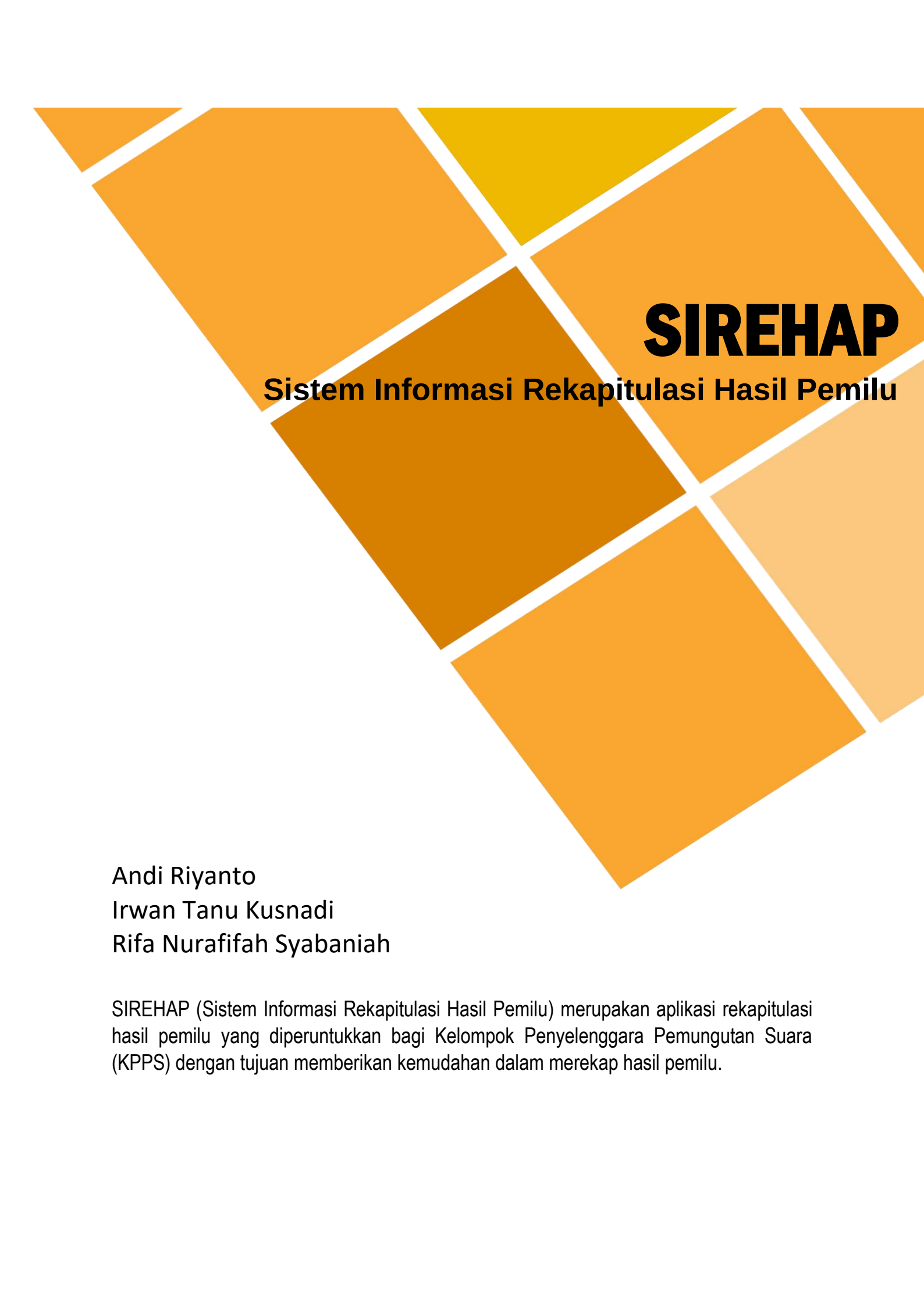
LAMPIRAN PENCIPTA

No	Nama	Alamat
1	Andi Riyanto	Jl. Cikiray No. 42, RT/RW 005/004, Kel. Kebonjati, Kec. Cikole
2	Irwan Tanu Kusnadi	Jl.Pramuka, Gg. H. Abd. Kholik RT/RW 002/009 Kel. Cikondang, Kec. Citamiang
3	Rifa Nurafifah Syabaniah	Kp. Selajambe, RT/RW 003/008, Desa Selajambe, Kec. Sukaluyu

LAMPIRAN PEMEGANG

No	Nama	Alamat
1	Andi Riyanto	Jl. Cikiray No. 42, RT/RW 005/004, Kel. Kebonjati, Kec. Cikole
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SIREHAP

Sistem Informasi Rekapitulasi Hasil Pemilu

Andi Riyanto

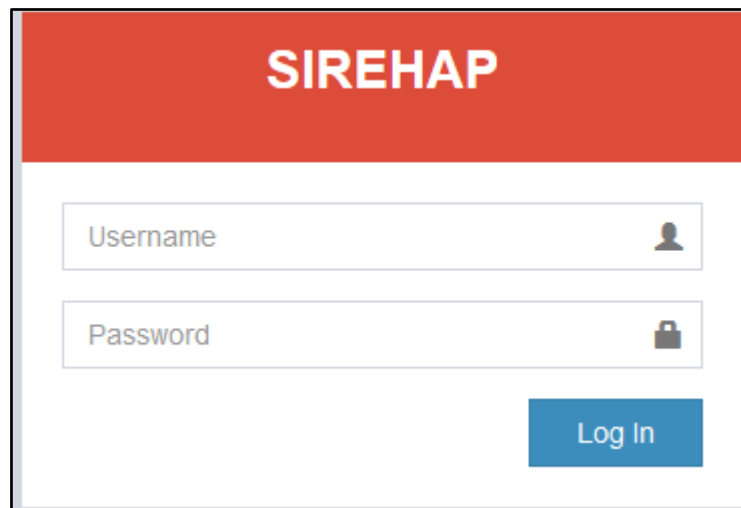
Irwan Tanu Kusnadi

Rifa Nurafifah Syabaniah

SIREHAP (Sistem Informasi Rekapitulasi Hasil Pemilu) merupakan aplikasi rekapitulasi hasil pemilu yang diperuntukkan bagi Kelompok Penyelenggara Pemungutan Suara (KPPS) dengan tujuan memberikan kemudahan dalam merekap hasil pemilu.

A. Web Application

1. User Interface



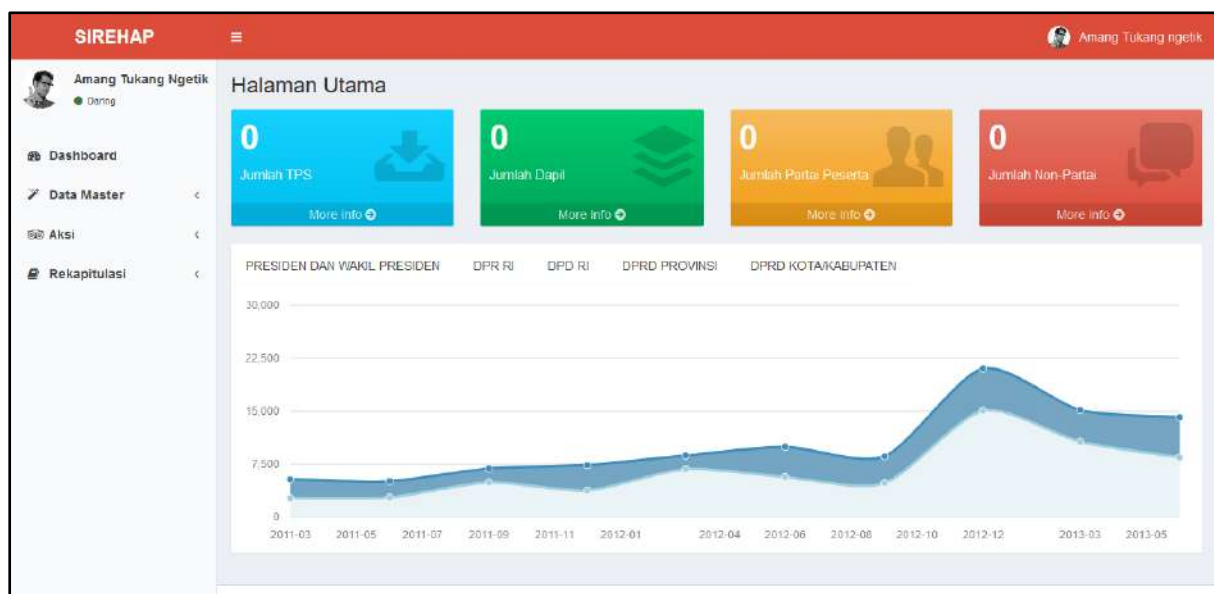
SIREHAP

Username

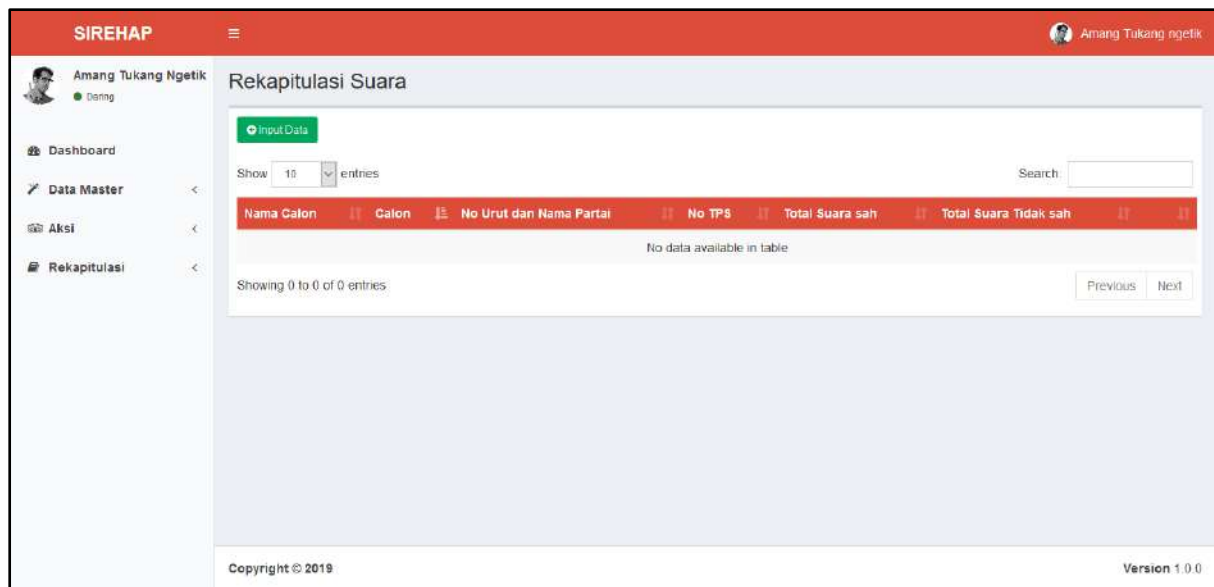
Password

Log In

Gambar 1. User Interface Halaman Login



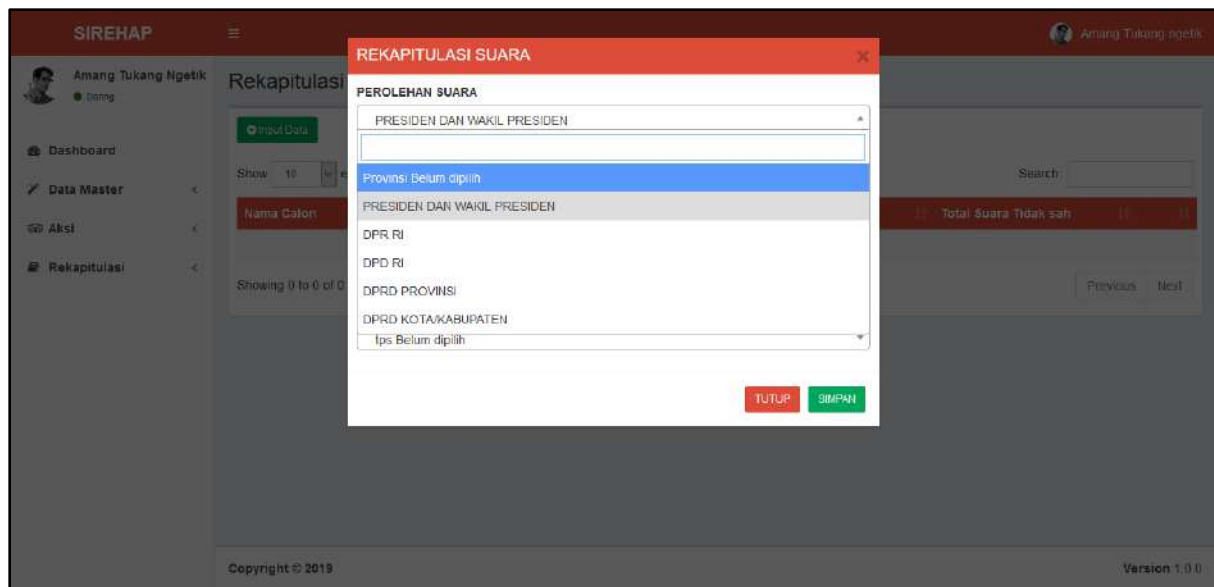
Gambar 2. User Interface Halaman Utama



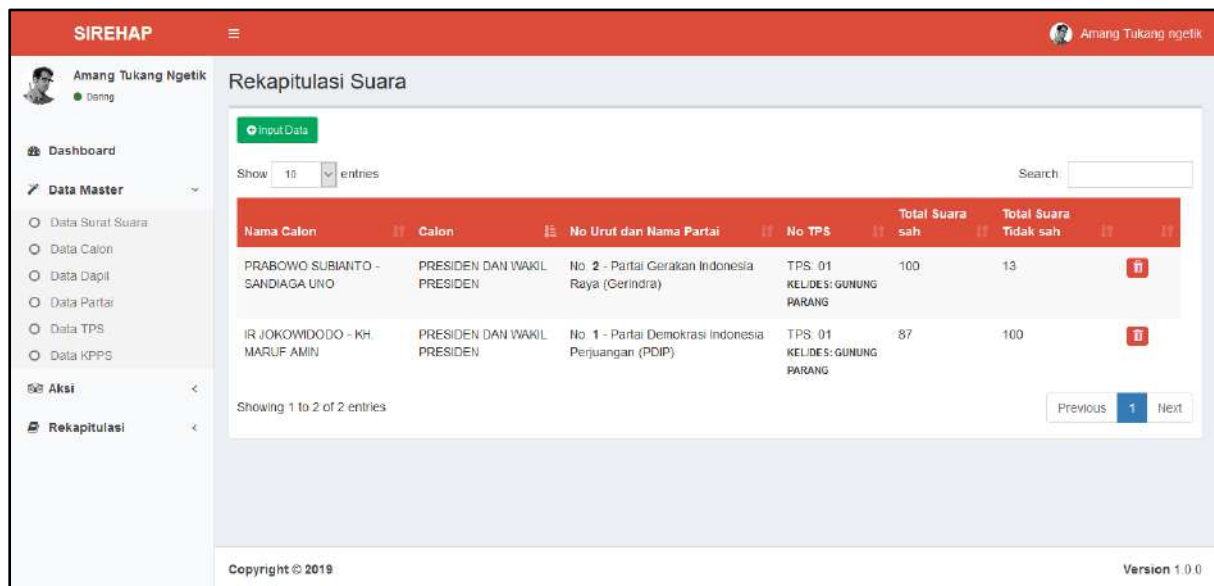
Gambar 3. User Interface Rekap Surat Suara



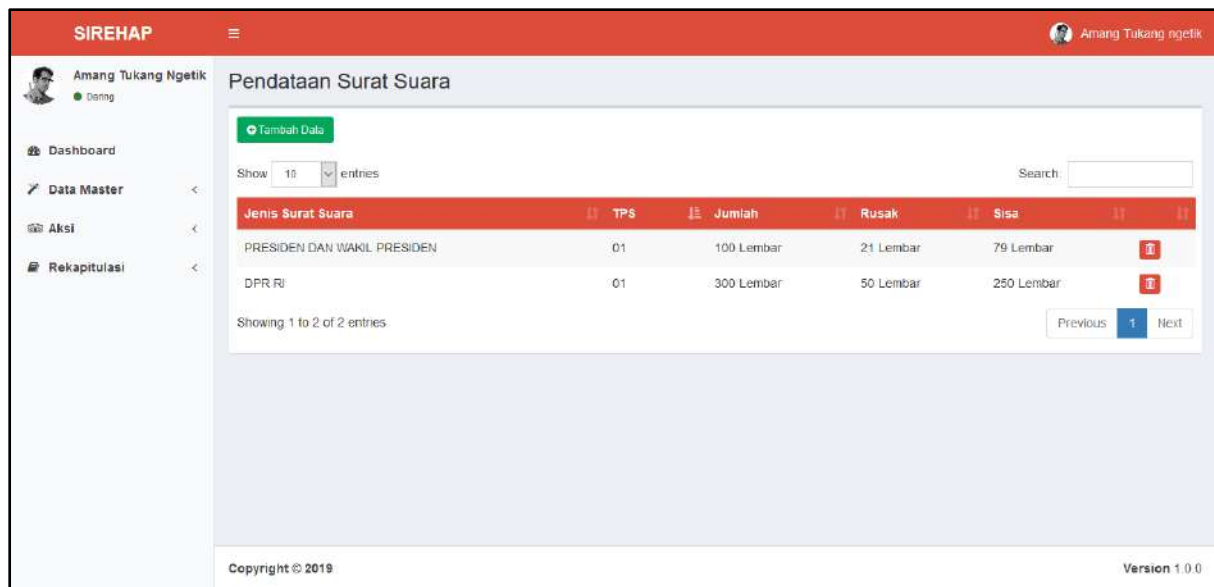
Gambar 4. User Interface Input Rekap Surat Suara



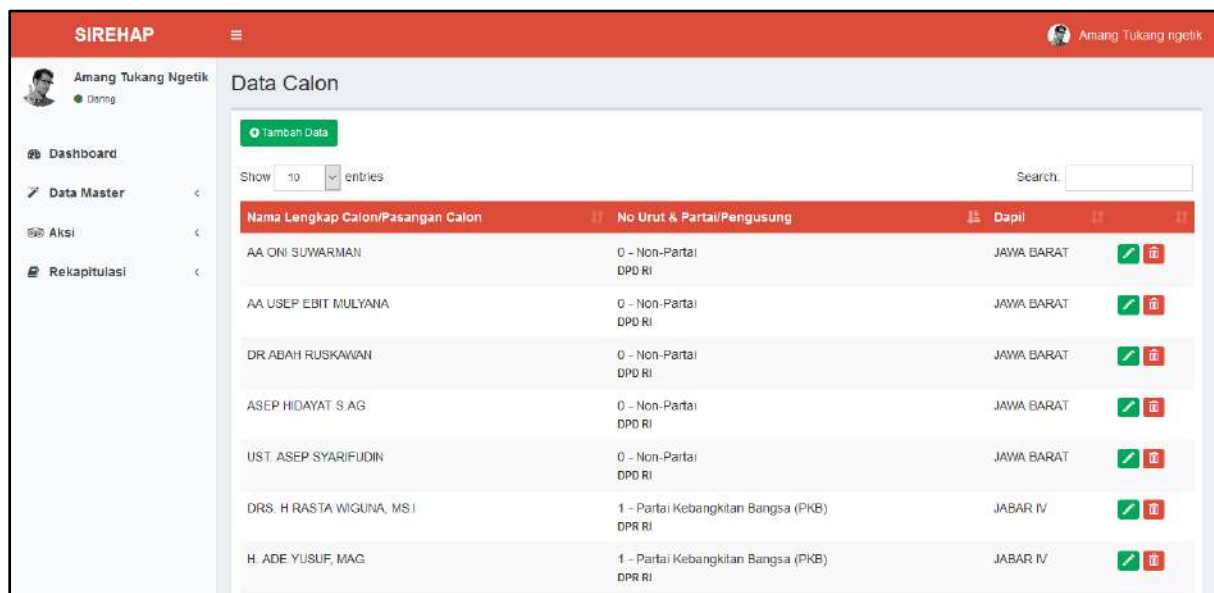
Gambar 5. User Interface Pilih Jenis Pemilihan



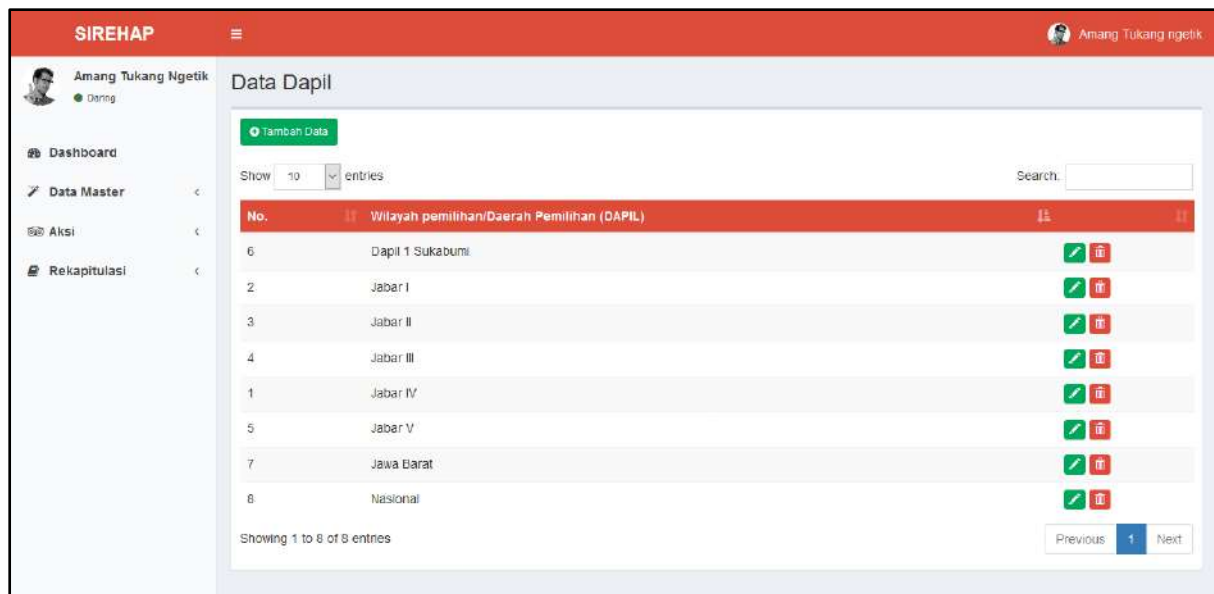
Gambar 6. User Interface Data Surat Suara



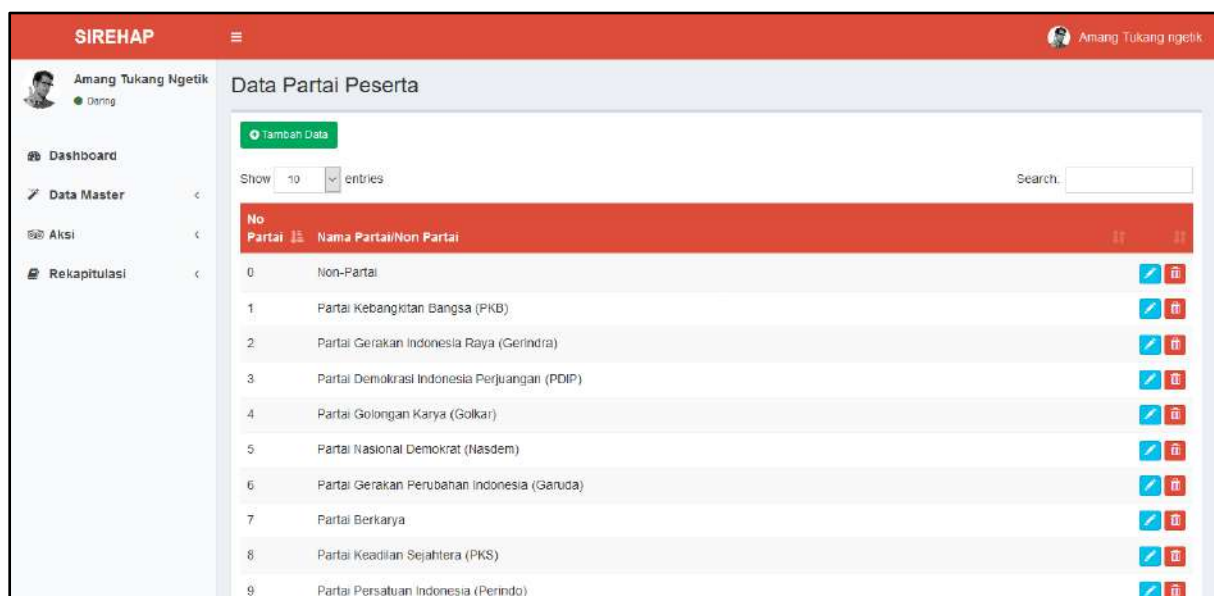
Gambar 7. User Interface Pendataan Surat Suara



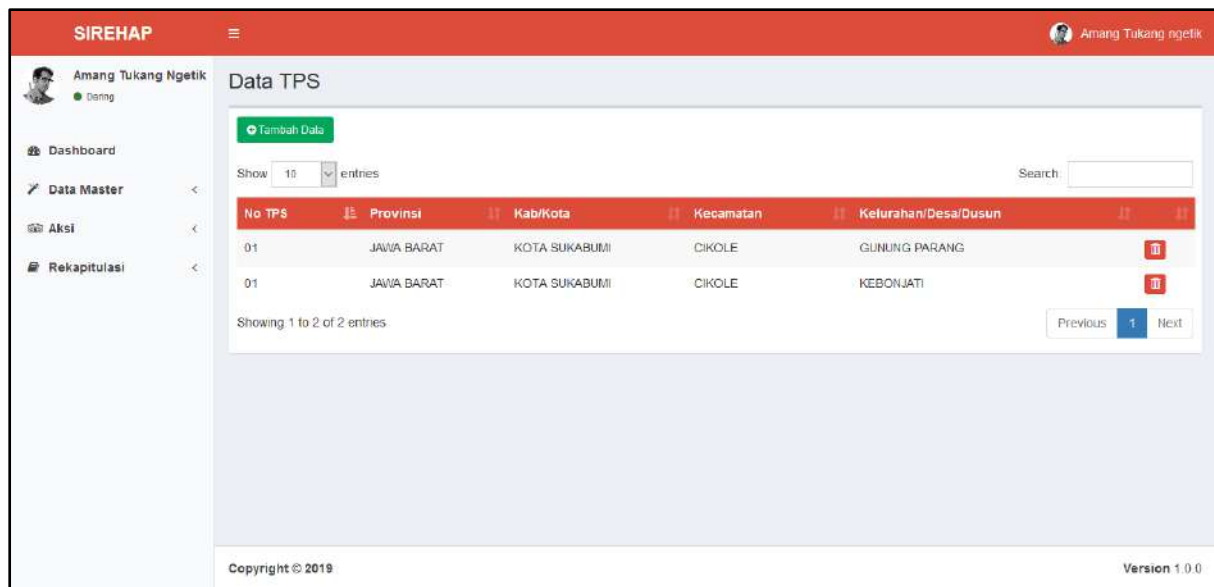
Gambar 8. User Interface Data Calon



Gambar 9. User Interface Data Dapil



Gambar 10. User Interface Data Partai



Gambar 11. User Interface Data TPS

2. Soure Code Backend Web

```
<?php
```

```
class Crud_model extends CI_Model{
```

```
function get_dapil(){
```

```
    $hsl=$this->db->query("SELECT no_dapil, UPPER(nama_dapil) as dapil FROM tb_dapil");
```

```
    return $hsl;
```

```
}
```

```
function get_jenis(){
```

```
    $hsl=$this->db->query("SELECT no_jeniscalon, UPPER(nama_jeniscalon) as jeniscalon FROM  
tb_jeniscalon");
```

```
    return $hsl;
```

```
}
```

```
function get_partai(){
```

```
    $hsl=$this->db->query("SELECT no_partai, UPPER(nama_partai) as partai FROM tb_partai");
```

```
    return $hsl;
```

```
}
```

```
function get_tps(){
```

```
    $hsl=$this->db->query("SELECT * FROM data_tps");
```

```
    return $hsl;
```

```
}
```

```
function get_calon($nojenis){
```

```
    $query = $this->db->get_where('data_calon', array('no_jeniscalon' => $nojenis));
```

```
    return $query;
```

```
}
```

```
function get_provinsi(){
```

```

$query = $this->db->get('tb_provinsi');
return $query;
}

function get_kab($provinsi_id){
    $query = $this->db->get_where('tb_kab', array('id_provinsi' => $provinsi_id));
    return $query;
}

function get_kec($kab_id){
    $query = $this->db->get_where('tb_kecamatan', array('id_kab' => $kab_id));
    return $query;
}

function get_desa($desa_id){
    $query = $this->db->get_where('tb_desa', array('id_kec' => $desa_id));
    return $query;
}

public function save_batch($data)
{
    return $this->db->insert_batch('tb_hitung', $data);
}

public function view_saldomonth($month, $year)
{
    $this->db->from('tb_saldo');
    $this->db->order_by('tgl_input', 'ASC');
    $this->db->where('MONTH(tgl_input)', $month);
    $this->db->where('YEAR(tgl_input)', $year);
    $query = $this->db->get();
    return $query->result();
}

```

```
}
```

```
public function view_saldoyear($year)
```

```
{
```

```
    $this->db->from('tb_saldo');
```

```
    $this->db->order_by('tgl_input', 'ASC');
```

```
    $this->db->where('YEAR(tgl_input)', $year);
```

```
    $query = $this->db->get();
```

```
    return $query->result();
```

```
}
```

```
public function view_by_date($date){
```

```
    $this->db->where('DATE(tanggal_transaksi)', $date);
```

```
    //$this->db->group_by('YEAR(tanggal_transaksi)');
```

```
    return $this->db->get('data_rekap')->result();
```

```
}
```

```
public function view_by_month($month, $year){
```

```
    $this->db->where('MONTH(tanggal_transaksi)', $month);
```

```
    $this->db->where('YEAR(tanggal_transaksi)', $year);
```

```
    return $this->db->get('data_rekap')->result();
```

```
}
```

```
public function view_by_year($year){
```

```
    $this->db->where('YEAR(tanggal_transaksi)', $year); // Tambahkan where tahun
```

```
    return $this->db->get('data_rekap')->result();
```

```
}
```

```
public function view_all(){  
    return $this->db->get('data_rekap')->result();  
}
```

```
public function option_tahun(){  
    $this->db->select('YEAR(tanggal_transaksi) AS tahun');  
    $this->db->from("data_rekap");  
    $this->db->order_by('YEAR(tanggal_transaksi)');  
    $this->db->group_by('YEAR(tanggal_transaksi)');  
  
    return $this->db->get()->result();  
}
```

```
function get_all_calon() {  
    $this->datatables->  
>select('nama_calon,nama_partai,nama_dapil,nama_jeniscalon,no_dapil,no_jeniscalon,no_calon,no  
_urutcalon,no_partai');  
    $this->datatables->from('data_calon');  
    // $this->datatables->where('"jenis_kas='Masuk' AND YEAR(tanggal_transaksi) =  
YEAR(CURDATE())");  
    // $this->datatables->join('tb_kategorikas', 'kode_kategori=kode_kategori');  
    $this->datatables->add_column('view', '<a href="javascript:void(0);"  
        class="edit_record btn bg-green btn-xs"  
        data-no_calon="$7"  
        data-no_urut="$8"  
        data-nama_lengkap="$1"  
        data-no_partai="$9"  
        data-no_jeniscalon="$6"  
        data-no_dapil="$5"><i class="glyphicon glyphicon-pencil"></i></a>  
        <a href="javascript:void(0);"
```



```

class="hapus_record btn bg-red btn-xs"

data-no_calon="$7"

data-nama_lengkap="$1"><i class="glyphicon glyphicon-
trash"></i></a>', 'nama_calon,nama_partai,nama_dapil,nama_jeniscalon,no_dapil,no_jeniscalon,no
_calon,no_urutcalon,no_partai');

return $this->datatables->generate();

}

function get_all_rekap() {

$this->datatables-
>select('nama_calon,nama_jeniscalon,nama_partai,nama_anggota,no_tps,jml_sah,jml_tdk sah');

$this->datatables->from('data_hitung');

// $this->datatables->where("jenis_kas='Masuk' AND YEAR(tanggal_transaksi) =
YEAR(CURDATE())");

// $this->datatables->join('tb_kategorikas', 'kode_kategori=kode_kategori');

$this->datatables->add_column('view', '

<a href="javascript:void(0);"

class="hapus_record btn bg-red btn-xs"

data-no_calon="$7"

data-nama_lengkap="$1"><i class="glyphicon glyphicon-
trash"></i></a>', 'nama_calon,nama_partai,nama_dapil,nama_jeniscalon,no_dapil,no_jeniscalon,no
_calon,no_urutcalon,no_partai');

return $this->datatables->generate();

}

function get_all_tps() {

$this->datatables-
>select('no_uruttps,provinsi,kab_kota,kecamatan,kelurahan_desa,no_tps,id_provinsi,id_kab,id_kec,i
d_desa');

$this->datatables->from('data_tps');

// $this->datatables->where("jenis_kas='Keluar' AND YEAR(tanggal_transaksi) =
YEAR(CURDATE())");

// $this->datatables->join('tb_kategorikas', 'kode_kategori=kode_kategori');

$this->datatables->add_column('view', '

<a href="javascript:void(0);"

```

```

        class="hapus_record btn btn-danger btn-xs"

        data-no_tps="$6"

        data-no_uruttps="$1"><i class="glyphicon glyphicon-
trash"></i></a>', 'no_uruttps,provinsi,kab_kota,kecamatan,kelurahan_desa,no_tps,id_provinsi,id_ka
b,id_kec,id_desa');

        return $this->datatables->generate();
    }

```

```

function get_all_partai() {

    $this->datatables->select('nama_partai,no_urutpartai,no_partai');

    $this->datatables->from('tb_partai');

    // $this->datatables->join('tb_kategorikas', 'kode_kategori=kode_kategori');

    $this->datatables->add_column('view', '<a href="javascript:void(0);"

        class="edit_record btn btn-info btn-xs"

        data-no_urutpartai="$2"

        data-nama_partai="$1"

        data-no_partai="$3"><i class="glyphicon glyphicon-pencil"></i></a>

        <a href="javascript:void(0);"

        class="hapus_record btn btn-danger btn-xs"

        data-nama_partai="$1"

        data-no_partai="$3"><i class="glyphicon glyphicon-
trash"></i></a>', 'nama_partai,no_urutpartai,no_partai');

    return $this->datatables->generate();

}

```

```

function get_all_dapil() {

    $this->datatables->select('no_dapil,nama_dapil');

    $this->datatables->from('tb_dapil');

    // $this->datatables->join('tb_kategorikas', 'kode_kategori=kode_kategori');

```

```

$this->datatables->add_column('view','<a href="javascript:void(0);"
    class="edit_record btn bg-green btn-xs"
    data-no_dapil="$1"
    data-nama_dapil="$2"><i class="glyphicon glyphicon-pencil"></i></a>
    <a href="javascript:void(0);"
    class="hapus_record btn bg-red btn-xs"
    data-no_dapil="$1"
    data-nama_dapil="$2"><i class="glyphicon glyphicon-
trash"></i></a>','no_dapil,nama_dapil');
return $this->datatables->generate();
}

```

```

function get_all_surat() {
    $this->datatables->select('id_suratsuara,nama_jeniscalon,no_tps,jumlah,rusak,sisa');
    $this->datatables->from('data_suratsuara');
    // $this->datatables->join('tb_kategorikas', 'kode_kategori=kode_kategori');
    $this->datatables->add_column('view','<a href="javascript:void(0);"
        class="hapus_record btn bg-red btn-xs"
        data-id="$1"
        data-nama_jenis="$2"><i class="glyphicon glyphicon-
trash"></i></a>','id_suratsuara,nama_jeniscalon,no_tps,jumlah,rusak,sisa');
    return $this->datatables->generate();
}

```

```

public function view(){
    return $this->db->get('data_rekap')->result();
}

```

```

public function tampil_nosaldo(){
    $hsl=$this->db->query("SELECT * FROM tb_saldo");
    return $hsl;
}

```

```
}
```

```
//menampilkan jumlah
```

```
public function hitungSales()
```

```
{
```

```
    $this->db->select('count(nip)');
```

```
$this->db->from('tb_pengguna');
```

```
$this->db->where('akses','Sales');
```

```
$query = $this->db->get();
```

```
$query->num_rows();
```

```
}
```

```
public function hitungKeluar()
```

```
{
```

```
    $this->db->select_sum('jml');
```

```
    $query = $this->db->get('kas_keluar');
```

```
    if($query->num_rows()>0)
```

```
    {
```

```
        return $query->row()->jml;
```

```
    }
```

```
    else
```

```
    {
```

```
        return 0;
```

```
    }
```

```
}
```

```
public function hitungMasukTahun()
```

```
{
```

```
    $this->db->select_sum('jml');
```

```
$query = $this->db->get('kas_masuk_tahun');  
if($query->num_rows()>0)  
{  
    return $query->row()->jml;  
}  
else  
{  
    return 0;  
}  
}
```

```
public function hitungKeluarTahun()  
{  
    $this->db->select_sum('jml');  
    $query = $this->db->get('kas_keluar_tahun');  
    if($query->num_rows()>0)  
    {  
        return $query->row()->jml;  
    }  
    else  
    {  
        return 0;  
    }  
}
```

```
public function hitungStok()  
{  
    $this->db->select_sum('stok');  
    $query = $this->db->get('tb_produk');  
    if($query->num_rows()>0)  
    {
```

```

        return $query->row()->stok;
    }
    else
    {
        return 0;
    }
}

```

//menampilkan jumlah selesais

```

public function graph_kas()
{
    $data = $this->db->query("SELECT * from data_kas order by
MONTH(tanggal_transaksi) ASC");
    return $data->result();
}

```

```

public function graph_saldo()
{
    $data = $this->db->query("SELECT * from data_saldo order by
MONTH(tanggal_transaksi) ASC");
    return $data->result();
}

```

```

function get_no_transaksi(){
    $bulan = date('n');
    if($bulan==1){
        $romawi='I';
    }
}

```

```

}elseif($bulan==2){
    $romawi='II';
}elseif($bulan==3){
    $romawi='III';
}elseif($bulan==4){
    $romawi='IV';
}elseif($bulan==5){
    $romawi='V';
}elseif($bulan==6){
    $romawi='VI';
}elseif($bulan==7){
    $romawi='VII';
}elseif($bulan==8){
    $romawi='VIII';
}elseif($bulan==9){
    $romawi='IX';
}elseif($bulan==10){
    $romawi='X';
}elseif($bulan==11){
    $romawi='XI';
}elseif($bulan==12){
    $romawi='XII';
}

```

```

$tahun = date ('Y');

```

```

$nomor = "/BKM/".$romawi."/". $tahun;

```

```

        $q = $this->db->query("SELECT MAX(no_transaksi) AS kd_max FROM tb_kas WHERE
month(tanggal_transaksi)='$bulan' AND no_transaksi LIKE '%BKM%'");

```

```

        $kd = "";

```

```

        foreach($q->result() as $k){

```

```

            $tmp = $k->kd_max +1;

```

```
        $kd = sprintf("%04s", $tmp);  
    }  
    date_default_timezone_set('Asia/Jakarta');  
    return $kd.$nomor;  
}
```

```
function get_no_keluar(){  
    $bulan = date('n');  
    if($bulan==1){  
        $romawi='I';  
    }elseif($bulan==2){  
        $romawi='II';  
    }elseif($bulan==3){  
        $romawi='III';  
    }elseif($bulan==4){  
        $romawi='IV';  
    }elseif($bulan==5){  
        $romawi='V';  
    }elseif($bulan==6){  
        $romawi='VI';  
    }elseif($bulan==7){  
        $romawi='VII';  
    }elseif($bulan==8){  
        $romawi='VIII';  
    }elseif($bulan==9){  
        $romawi='IX';  
    }elseif($bulan==10){  
        $romawi='X';  
    }elseif($bulan==11){  
        $romawi='XI';  
    }elseif($bulan==12){
```



```

    $romawi='XII';
}

    $tahun = date ('Y');
    $nomor = "/BKK/".$romawi."/". $tahun;

    $q = $this->db->query("SELECT MAX(no_transaksi) AS kd_max FROM tb_kas WHERE
month(tanggal_transaksi)='$bulan' AND no_transaksi LIKE '%BKK%'");

    $kd = "";

    foreach($q->result() as $k){
        $tmp = ((int)$k->kd_max)+1;
        $kd = sprintf("%04s", $tmp);
    }

    date_default_timezone_set('Asia/Jakarta');
    return $kd.$nomor;
}

function get_nip(){
    $tgl=date('d');

    $q = $this->db->query("SELECT MAX(RIGHT(nip,4)) AS kd_max FROM tb_user
WHERE nip LIKE '$tgl%' ");

    $kd = "";

    if($q->num_rows()>0){
        foreach($q->result() as $k){
            $tmp = ((int)$k->kd_max)+1;
            $kd = sprintf("%04s", $tmp);
        }
    }else{
        $kd = "0001";
    }

    date_default_timezone_set('Asia/Jakarta');
    return date('dmy').$kd;
}

```

```
}
```

```
public function tampiltabel()
```

```
{
```

```
    return $this->db->query("show tables")->result();
```

```
}
```

```
}
```

```
/////
```

```
document.addEventListener("DOMContentLoaded", function() {
```

```
    var elements = document.getElementsByTagName("INPUT");
```

```
    for (var i = 0; i < elements.length; i++) {
```

```
        elements[i].oninvalid = function(e) {
```

```
            e.target.setCustomValidity("");
```

```
            if (!e.target.validity.valid) {
```

```
                e.target.setCustomValidity("Harus di isi tidak boleh kosong !!!");
```

```
            }
```

```
        };
```

```
        elements[i].oninput = function(e) {
```

```
            e.target.setCustomValidity("");
```

```
        };
```

```
    }
```

```
})
```

```
//Format Rupiah dan angka
```

```
$('.angka1').maskMoney({thousands:',', decimal:',', precision:0});
```

```
$('#angka2').maskMoney({suffix:' Kg',thousands:',', decimal:',', precision:0});
```

```
$('.angka3').maskMoney({prefix:'Rp. ', thousands:',', decimal:',', precision:0});
```

```
$('#angka4').maskMoney();
```

```
$(function () {
```

```

$('#example1').DataTable()

$('#example2').DataTable({
  'paging'      : true,
  'lengthChange': false,
  'searching'   : false,
  'ordering'    : true,
  'info'        : true,
  'autoWidth'   : false
})
})

```

//Untuk kombo calon

```

$('.jenis').change(function(){
  var id=$(this).val();
  $.ajax({
    url : base_url + "eling/get_calon",
    method : "POST",
    data : {id: id},
    async : true,
    dataType : 'json',
    success: function(data){
      var opsi = "";
      var i;
      for(i=0; i< data.length; i++){
        opsi+="|<td style='border: 1px solid black; text-align: center;'><b>"+
data[i].no_urutcalon + "</b></td>" +
        "<td style='border: 1px solid black;'><small>"+ data[i].nama_partai + "</small><br><b> "
+ data[i].nama_calon + "</b></td>" +
        "<td width='50px' style='border: 1px solid black;'>"+ "<input type='number'
name='sah[]' maxlength='8' size='8' required><input type='hidden' name='nocalon[]' maxlength='8'
size='8' required value='"+ data[i].no_calon +"'"><input type='hidden' name='noanggota[]'
maxlength='8' size='8' required value='12345678'"></td>" +

|  |

```

```
"<td width='50px' style='border: 1px solid black;'>" + "<input type='number'
name='tidak[]' maxLength='8' size='8' required></td></tr>"
```

```
// opsi += "<div class='form-group'> <label> CALON/PASLON "+ data[i].nama_calon +
"</label><input type='text' class='form-control' name='nama_partai'></div>";
```

```
}
```

```
$('#calon').html(opsi).selectpicker('refresh');
```

```
}
```

```
});
```

```
return false;
```

```
});
```

```
//Untuk kombo berhubungan
```

```
$('#provinsi').change(function(){
```

```
var id=$(this).val();
```

```
$.ajax({
```

```
url : base_url + "eling/get_kab",
```

```
method : "POST",
```

```
data : {id: id},
```

```
async : true,
```

```
dataType : 'json',
```

```
success: function(data){
```

```
var opsi = "";
```

```
var i;
```

```
for(i=0; i< data.length; i++){
```

```
opsi += "<option value='"+ data[i].id_kab +"'">" + data[i].nama_kab +"</option>";
```

```
}
```

```
$('#kabupaten').html(opsi).selectpicker('refresh');
```

```
}
```

```
});
```

```
return false;
```

```
});
```

```
$('#kabupaten').change(function(){
```

```
    var id=$(this).val();
```

```
    $.ajax({
```

```
        url : base_url + "eling/get_kec",
```

```
        method : "POST",
```

```
        data : {id: id},
```

```
        async : true,
```

```
        dataType : 'json',
```

```
        success: function(data){
```

```
            var opsi = "";
```

```
            var i;
```

```
            for(i=0; i< data.length; i++){
```

```
                opsi += "<option value='"+ data[i].id_kec +"'">" + data[i].nama_kec + "</option>";
```

```
            }
```

```
            $('#kecamatan').html(opsi).selectpicker('refresh');
```

```
        }
```

```
    });
```

```
return false;
```

```
});
```

```
$('#kecamatan').change(function(){
```

```
    var id=$(this).val();
```

```
    $.ajax({
```

```
        url : base_url + "eling/get_desa",
```

```
        method : "POST",
```

```
        data : {id: id},
```

```
        async : true,
```

```

        dataType : 'json',
        success: function(data){
            var opsi = "";
            var i;
            for(i=0; i< data.length; i++){
                opsi += "<option value='"+ data[i].id_desa +"'">" + data[i].nama_desa + "</option>";
            }
            $('#desa').html(opsi).selectpicker('refresh');
        }
    });
    return false;
});
//Kombo berbubungan provinsi selesai

```

```

$('#notifications').slideDown('slow').delay(2000).slideUp('slow');

```

```

$('.select2').select2()

```

```

$(function() {
    $('#upper').keyup(function() {
        this.value = this.value.toUpperCase();
    });
});

```

```

$(document).ready(function(){
    // Setup datatables
    $.fn.dataTableExt.oApi.fnPagingInfo = function(oSettings)
    {

```

```

return {
    "iStart": oSettings._iDisplayStart,
    "iEnd": oSettings.fnDisplayEnd(),
    "iLength": oSettings._iDisplayLength,
    "iTotal": oSettings.fnRecordsTotal(),
    "iFilteredTotal": oSettings.fnRecordsDisplay(),
    "iPage": Math.ceil(oSettings._iDisplayStart / oSettings._iDisplayLength),
    "iTotalPages": Math.ceil(oSettings.fnRecordsDisplay() / oSettings._iDisplayLength)
};

};

//DATA REKAP
var table = $("#TableRekap").dataTable({
    initComplete: function() {
        var api = this.api();
        $('#TableRekap_filter input')
            .off('.DT')
            .on('input.DT', function() {
                api.search(this.value).draw();
            });
    },
    oLanguage: {
        sProcessing: '<i class="fa fa-3x fa-spinner fa-pulse text-green"></i><span class="sr-only">Loading...</span> '
    },
    processing: true,
    serverSide: true,
    ajax: {"url": base_url + "eling/get_datarekap_json", "type": "POST"},
    columns: [
        {"data": "nama_calon"},
        {"data": "nama_jeniscalon"},

```

```

        {"data": "nama_partai"},
        {"data": "no_tps"},
        {"data": "jml_sah", render: $.fn.dataTable.render.number( ',', '.', 0, " )},
        {"data": "jml_tdk sah", render: $.fn.dataTable.render.number( ',', '.', 0, " )},
        {"data": "view"}
    ],
    order: [[1, 'asc']],
    rowCallback: function(row, data, iDisplayIndex) {
        var info = this.fnPagingInfo();
        var page = info.iPage;
        var length = info.iLength;
        $('td:eq(0)', row).html();
    }
});

$('#TableCalon').on('click', '.edit_record', function(){
    var no_calon=$(this).data('no_calon');
    var no_urut=$(this).data('no_urut');
    var nama_lengkap=$(this).data('nama_lengkap');
    var no_partai=$(this).data('no_partai');
    var no_jeniscalon=$(this).data('no_jeniscalon');
    var no_dapil=$(this).data('no_dapil');

    $('#EditData').modal('show');

    $('[name="no_calon"]').val(no_calon);
    $('[name="no_urut"]').val(no_urut);
    $('[name="nama_lengkap"]').val(nama_lengkap);
    $('[name="no_partai"]').val(no_partai);
    $('[name="no_jeniscalon"]').val(no_jeniscalon);
    $('[name="no_dapil"]').val(no_dapil);
});

```



```

$('#TableCalon').on('click', '.hapus_record', function(){
    var kode=$(this).data('no_calon');
    var nama_produk=$(this).data('nama_lengkap');
    $('#HapusData').modal('show');
    $('[name="no_calon"]').val(kode);
    $('[name="nama_lengkap"]').val(nama_produk);
});

```

//DATA CALON

```

var table = $('#TableCalon').dataTable({
    initComplete: function() {
        var api = this.api();
        $('#TableCalon_filter input')
            .off('.DT')
            .on('input.DT', function() {
                api.search(this.value).draw();
            });
    },
    oLanguage: {
        sProcessing: '<i class="fa fa-3x fa-spinner fa-pulse text-green"></i><span class="sr-only">Loading...</span> '
    },
    processing: true,
    serverSide: true,
    ajax: {"url": base_url + "eling/get_datacalon_json", "type": "POST"},
    columns: [
        {"data": "nama_calon"},
        {"data": "nama_partai"},
        {"data": "nama_dapil"},
        {"data": "view"}
    ],

```

```

        order: [[1, 'asc']],
        rowCallback: function(row, data, iDisplayIndex) {
            var info = this.fnPagingInfo();
            var page = info.iPage;
            var length = info.iLength;
            $('td:eq(0)', row).html();
        }
    });

    $('#TableCalon').on('click', '.edit_record', function(){
        var no_calon=$(this).data('no_calon');
        var no_urut=$(this).data('no_urut');
        var nama_lengkap=$(this).data('nama_lengkap');
        var no_partai=$(this).data('no_partai');
        var no_jeniscalon=$(this).data('no_jeniscalon');
        var no_dapil=$(this).data('no_dapil');

        $('#EditData').modal('show');

        $('[name="no_calon"]').val(no_calon);
        $('[name="no_urut"]').val(no_urut);
        $('[name="nama_lengkap"]').val(nama_lengkap);
        $('[name="no_partai"]').val(no_partai);
        $('[name="no_jeniscalon"]').val(no_jeniscalon);
        $('[name="no_dapil"]').val(no_dapil);
    });

    $('#TableCalon').on('click', '.hapus_record', function(){
        var kode=$(this).data('no_calon');
        var nama_produk=$(this).data('nama_lengkap');
        $('#HapusData').modal('show');
        $('[name="no_calon"]').val(kode);
        $('[name="nama_lengkap"]').val(nama_produk);
    });

```

```
});
```

```
var table = $("#TableSurat").dataTable({
  initComplete: function() {
    var api = this.api();
    $('#TableSurat_filter input')
      .off('.DT')
      .on('input.DT', function() {
        api.search(this.value).draw();
      });
  },
  oLanguage: {
    sProcessing: '<i class="fa fa-3x fa-spinner fa-pulse text-green"></i><span class="sr-only">Loading...</span> ',
  },
  processing: true,
  serverSide: true,
  ajax: {"url": base_url + "eling/get_datasurat_json", "type": "POST"},
  columns: [
    {"data": "nama_jeniscalon"},
    {"data": "no_tps"},
    {"data": "jumlah", render: $.fn.dataTable.render.number( ',', '.', 0, '', 'Lembar' )},
    {"data": "rusak", render: $.fn.dataTable.render.number( ',', '.', 0, '', 'Lembar' )},
    {"data": "sisas", render: $.fn.dataTable.render.number( ',', '.', 0, '', 'Lembar' )},
    {"data": "view"}
  ],
  order: [[1, 'asc']],
  rowCallback: function(row, data, iDisplayIndex) {
    var info = this.fnPagingInfo();
    var page = info.iPage;
    var length = info.iLength;
```

```

        $('td:eq(0)', row).html();
    }

});

$('#TableSurat').on('click', '.edit_record', function(){
    var no_calon=$(this).data('no_calon');
    var no_urut=$(this).data('no_urut');
    var nama_lengkap=$(this).data('nama_lengkap');
    var no_partai=$(this).data('no_partai');
    var no_jeniscalon=$(this).data('no_jeniscalon');
    var no_dapil=$(this).data('no_dapil');

    $('#EditData').modal('show');

    $('[name="no_calon"]').val(no_calon);
    $('[name="no_urut"]').val(no_urut);
    $('[name="nama_lengkap"]').val(nama_lengkap);
    $('[name="no_partai"]').val(no_partai);
    $('[name="no_jeniscalon"]').val(no_jeniscalon);
    $('[name="no_dapil"]').val(no_dapil);
});

$('#TableSurat').on('click', '.hapus_record', function(){
    var kode=$(this).data('id');
    var nama_produk=$(this).data('nama_jenis');
    $('#HapusData').modal('show');
    $('[name="id"]').val(kode);
    $('[name="nama_jenis"]').val(nama_produk);
});

//Datadapil
var table = $("#TableDapil").dataTable({
    initComplete: function() {

```

```

var api = this.api();

$('#TableDapil_filter input')
    .off('.DT')
    .on('input.DT', function() {
        api.search(this.value).draw();
    });
},

oLanguage: {
    sProcessing: '<i class="fa fa-3x fa-spinner fa-pulse text-green"></i><span class="sr-only">Loading...</span> '
},

processing: true,

serverSide: true,

ajax: {"url": base_url + "eling/get_datadapil_json", "type": "POST"},

columns: [
    {"data": "no_dapil"},
    {"data": "nama_dapil"},
    {"data": "view"}
],

order: [[1, 'asc']],

rowCallback: function(row, data, iDisplayIndex) {
    var info = this.fnPagingInfo();
    var page = info.iPage;
    var length = info.iLength;
    $('td:eq(0)', row).html();
}

});

$('#TableDapil').on('click', '.edit_record', function(){
    var no_dapil=$(this).data('no_dapil');
    var nama_dapil=$(this).data('nama_dapil');

```

```

$('#EditData').modal('show');

$('[name="no_dapil"]').val(no_dapil);

$('[name="nama_dapil"]').val(nama_dapil);

});

$('#TableDapil').on('click', '.hapus_record', function(){

    var no_dapil=$(this).data('no_dapil');

    var nama_dapil=$(this).data('nama_dapil');

    $('#HapusData').modal('show');

    $('[name="no_dapil"]').val(no_dapil);

    $('[name="nama_dapil"]').val(nama_dapil);

});

//DataPartai

var table = $("#TablePartai").dataTable({

    initComplete: function() {

        var api = this.api();

        $('#TableDapil_filter input')

            .off('.DT')

            .on('input.DT', function() {

                api.search(this.value).draw();

            });

    },

    oLanguage: {

        sProcessing: '<i class="fa fa-3x fa-spinner fa-pulse text-green"></i><span class="sr-only">Loading...</span> '

    },

    processing: true,

    serverSide: true,

    ajax: {"url": base_url + "eling/get_datapartai_json", "type": "POST"},

    columns: [

```

```

        {"data": "no_urutpartai"},
        {"data": "nama_partai"},
        {"data": "view"}
    ],
    order: [[0, 'asc']],
    rowCallback: function(row, data, iDisplayIndex) {
        var info = this.fnPagingInfo();
        var page = info.iPage;
        var length = info.iLength;
        $('td:eq(0)', row).html();
    }

});

$('#TablePartai').on('click', '.edit_record', function(){
    var no_partai=$(this).data('no_partai');
    var no_urutpartai=$(this).data('no_urutpartai');
    var nama_partai=$(this).data('nama_partai');

    $('#EditData').modal('show');

    $('[name="no_partai"]').val(no_partai);
    $('[name="no_urutpartai"]').val(no_urutpartai);
    $('[name="nama_partai"]').val(nama_partai);
});

$('#TablePartai').on('click', '.hapus_record', function(){
    var no_partai=$(this).data('no_partai');
    var no_urutpartai=$(this).data('no_urutpartai');
    var nama_partai=$(this).data('nama_partai');

    $('#HapusData').modal('show');

    $('[name="no_partai"]').val(no_partai);
    $('[name="no_urutpartai"]').val(no_urutpartai);

```

```

        $('[name="nama_partai"]').val(nama_partai);
    });

//DataTPS
var table = $('#TableTps').dataTable({
    initComplete: function() {
        var api = this.api();
        $('#TableTps_filter input')
            .off('.DT')
            .on('input.DT', function() {
                api.search(this.value).draw();
            });
    },
    oLanguage: {
        sProcessing: '<i class="fa fa-3x fa-spinner fa-pulse text-green"></i><span class="sr-only">Loading...</span> '
    },
    processing: true,
    serverSide: true,
    ajax: {"url": base_url + "eling/get_datatps_json", "type": "POST"},
    columns: [
        {"data": "no_uruttps"},
        {"data": "provinsi"},
        {"data": "kab_kota"},
        {"data": "kecamatan"},
        {"data": "kelurahan_desa"},
        {"data": "view"}
    ],
    order: [[0, 'asc']],
    rowCallback: function(row, data, iDisplayIndex) {
        var info = this.fnPagingInfo();

```



```

        var page = info.iPage;

        var length = info.iLength;

        $('td:eq(0)', row).html();
    }
});

$('#TableTps').on('click', '.edit_record', function(){
    var no_tps      =$(this).data('no_tps');
    var no_uruttps  =$(this).data('no_uruttps');
    var provinsi    =$(this).data('provinsi');
    var kab_kota     =$(this).data('kabupaten');
    var kecamatan   =$(this).data('kecamatan');
    var desa         =$(this).data('desa');

    $('#EditData').modal('show');

    $('[name="no_tps"]').val(no_tps);
    $('[name="no_uruttps"]').val(no_uruttps);
    $('[name="provinsi"]').val(provinsi);
    $('[name="kabupaten"]').val(kab_kota);
    $('[name="kecamatan"]').val(kecamatan);
    $('[name="desa"]').val(desa);

});

$('#TableTps').on('click', '.hapus_record', function(){
    var no_tps      =$(this).data('no_tps');
    var no_uruttps  =$(this).data('no_uruttps');

    $('#HapusData').modal('show');

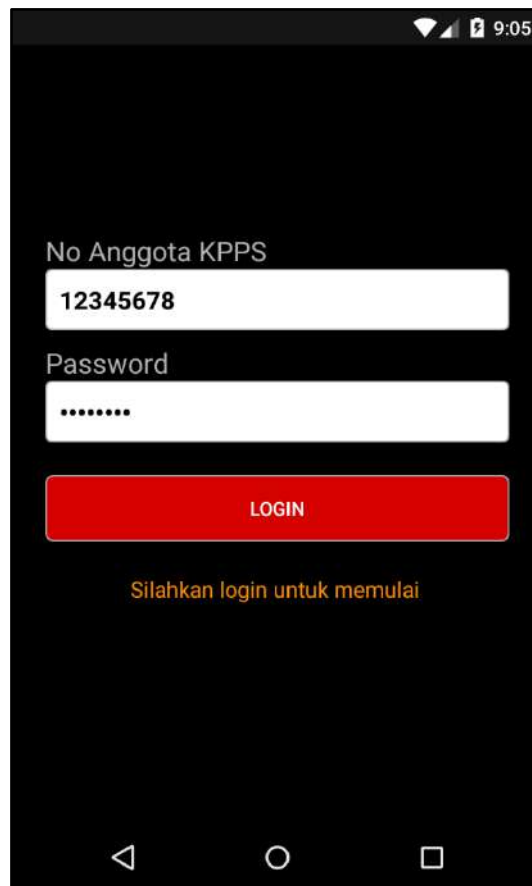
    $('[name="no_tps"]').val(no_tps);
    $('[name="no_uruttps"]').val(no_uruttps);

});
});

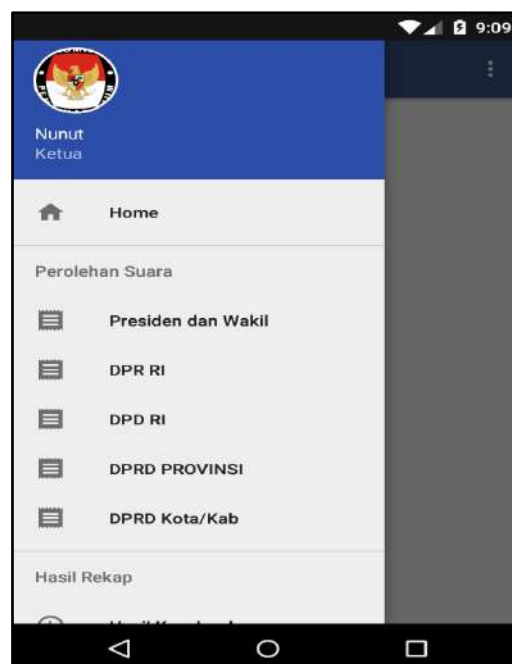
```

B. Mobile Application

1. User Interface



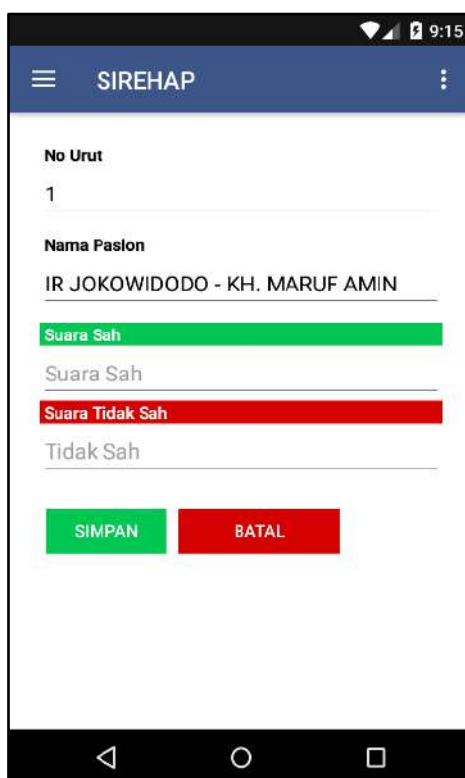
Gambar 1. User Interface Halaman Login



Gambar 2. User Interface Halaman Utama



Gambar 3. User Interface Tampil Calon Presiden



Gambar 4. User Interface Input Suara Presiden



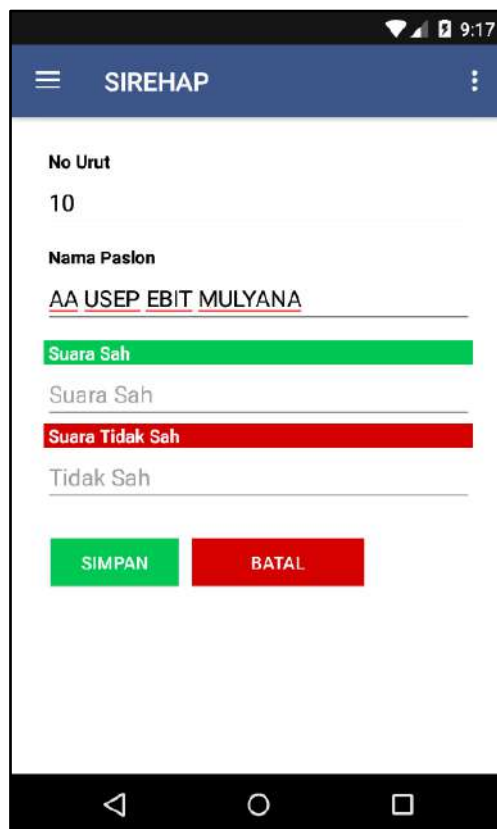
Gambar 5. User Interface Tampil Calon DPR RI



Gambar 6. User Interface Input Suara DPR RI



Gambar 7. User Interface Input Calon DPD RI



Gambar 8. User Interface Input DPD RI

2. Source Code

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Pengajuan">
    <!-- TODO: Update blank fragment layout -->
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_gravity="center_horizontal"
            android:layout_marginLeft="10dp"
            android:layout_marginTop="10dp"
            android:layout_marginBottom="10dp"
            android:layout_marginRight="10dp"
            android:background="#FFFFFF"
            android:gravity="center"
            android:orientation="vertical"
            android:padding="15dp">
            <com.google.android.material.textview.MaterialTextView
                android:layout_width="match_parent"
                android:layout_height="match_parent"
                android:textStyle="bold"
                android:textColor="#000000"
                android:text=" No Urut"/>
            <androidx.appcompat.widget.AppCompatEditText
                android:id="@+id/txt_urut"
                android:enabled="false"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_centerHorizontal="true"
                android:hint="NRP"
                android:inputType="number"
                android:textColor="#020000"/>
            <com.google.android.material.textview.MaterialTextView
                android:layout_width="match_parent"
                android:layout_marginTop="10dp"
                android:layout_height="match_parent"
                android:textStyle="bold"
                android:textColor="#000000"
                android:text=" Nama Paslon"/>
            <androidx.appcompat.widget.AppCompatEditText
                android:id="@+id/txt_nama"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_centerHorizontal="true"
                android:hint="Nama Paslon"
                android:textColor="#020000"/>
            <com.google.android.material.textview.MaterialTextView
                android:layout_width="match_parent"
                android:layout_marginTop="10dp"
                android:layout_height="match_parent"
                android:textStyle="bold"
```

```

        android:textColor="#FFFFFF"
        android:background="#00C853"
        android:text=" Suara Sah"/>
<androidx.appcompat.widget.AppCompatEditText
    android:id="@+id/txt_sah"
    android:inputType="number"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_centerHorizontal="true"
    android:hint="Suara Sah"
    android:textColor="#020000"/>
<com.google.android.material.textview.MaterialTextView
    android:layout_width="match_parent"
    android:layout_marginTop="0dp"
    android:layout_height="match_parent"
    android:textStyle="bold"
    android:textColor="#FFFFFF"
    android:background="#D50000"
    android:text=" Suara Tidak Sah"/>
<androidx.appcompat.widget.AppCompatEditText
    android:id="@+id/txt_tidak"
    android:inputType="number"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_centerHorizontal="true"
    android:hint="Tidak Sah"
    android:textColor="#020000"/>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_gravity="end"
    android:layout_marginTop="25dp"
    android:clipToPadding="false"
    android:gravity="left"
    android:orientation="horizontal">

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal">

        <Button
            android:id="@+id/btn_update"
            android:layout_width="100dp"
            android:layout_height="37dp"
            android:layout_below="@+id/lapor_laporan"
            android:layout_gravity="left"
            android:layout_marginLeft="5dp"
            android:layout_marginTop="25dp"
            android:layout_marginRight="10dp"
            android:background="#00C853"
            android:text="SIMPAN"
            android:textAllCaps="false"
            android:textColor="#FFFFFF" />
    </LinearLayout>

    <Button
        android:id="@+id/btn_delete"
        android:layout_width="134dp"

```

```

        android:layout_height="match_parent"
        android:layout_gravity="left"
        android:layout_marginTop="25dp"
        android:background="#D50000"
        android:text="BATAL"
        android:textAllCaps="false"
        android:textColor="#FFFFFF" />
    </LinearLayout>

</LinearLayout>
</ScrollView>
</LinearLayout>

```

```

package paket.aplikasi.perubahan.ktp;

import android.os.AsyncTask;
import android.os.Bundle;

import androidx.annotation.Nullable;
import androidx.fragment.app.Fragment;
import androidx.fragment.app.FragmentTransaction;

import android.text.TextUtils;
import android.util.Log;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Spinner;
import android.widget.Toast;

import org.json.JSONException;
import org.json.JSONObject;

import java.util.HashMap;

/**
 * A simple {@link Fragment} subclass.
 */
public class DetailMaster extends Fragment {
    Button simpan,batal;
    EditText nocalon,notps,sah,tidak,nama;
    Spinner akses,jk;
    public DetailMaster() {
        // Required empty public constructor
    }

    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
        Bundle savedInstanceState) {
        // Inflate the layout for this fragment
        View rootView = inflater.inflate(R.layout.fragment_detail_master,
            container, false);
        simpan=rootView.findViewById(R.id.btn_update);
    }

```



```

        nocalon=rootView.findViewById(R.id.txt_urut);
        nama=rootView.findViewById(R.id.txt_nama);
        sah=rootView.findViewById(R.id.txt_sah);
        tidak=rootView.findViewById(R.id.txt_tidak);
        batal=rootView.findViewById(R.id.btn_delete);

        simpan.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                update_data();
            }
        });

        batal.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                delete_data();
            }
        });

        return rootView;
    }
    private void update_data() {
        final String no_calon= nocalon.getText().toString().trim();
        final String sa_h=sah.getText().toString().trim();
        final String tida_k=tidak.getText().toString().trim();

        //validasi
        if (TextUtils.isEmpty(sa_h)) {
            sah.setError("Harus Di isi");
            sah.requestFocus();
            return;
        }
        if (TextUtils.isEmpty(tida_k)) {
            tidak.setError("Harus Di isi");
            tidak.requestFocus();
            return;
        }

        DetailMaster.Updatedata ru = new
DetailMaster.Updatedata(no_calon,sa_h,tida_k);
        ru.execute();
    }
    private class Updatedata extends AsyncTask<Void,Void,String> {
        private String no_calon,sa_h,tida_k;

        Updatedata(String no_calon, String sa_h, String tida_k) {
            this.no_calon = no_calon;
            this.sa_h = sa_h;
            this.tida_k = tida_k;
        }

        @Override
        protected String doInBackground(Void... voids) {
            RequestHandler requestHandler = new RequestHandler();

            HashMap<String, String> params = new HashMap<>();
            params.put("no_calon", no_calon);

```

```

        params.put("sah", sa_h);
        params.put("tidak", tida_k);
        //returning the response
        return requestHandler.sendPostRequest(URLS.URL_SIMPANHITUNG, params);
    }

    @Override
    protected void onPostExecute(String s) {
        super.onPostExecute(s);
        Log.i("simpanhitung", "sfdsds : "+s);
        //hiding the progressbar after completion
        //Toast.makeText(getActivity(), "Proses
Simpan", Toast.LENGTH_SHORT).show();
        try {
            //converting response to json object
            JSONObject obj = new JSONObject(s);
            //if no error in response
            if (!obj.getBoolean("error")) {
                Toast.makeText(getActivity(), obj.getString("message"),
Toast.LENGTH_SHORT).show();
                //getting the user from the response
                Master hasil = new Master();
                FragmentTransaction menu2fragmentTransaction =
getFragmentManager().beginTransaction();
                menu2fragmentTransaction.replace(R.id.flContent, hasil);
                menu2fragmentTransaction.addToBackStack(null);
                menu2fragmentTransaction.commit();
                JSONObject userJson = obj.getJSONObject("user");
                //creating a new user object
                User user = new User(
                    userJson.getInt("nrp"),
                    userJson.getString("nama_petugas"),
                    userJson.getString("password")
                );

            } else {
                Toast.makeText(getActivity(), obj.getString("message"),
Toast.LENGTH_SHORT).show();
                Master hasil = new Master();
                FragmentTransaction menu2fragmentTransaction =
getFragmentManager().beginTransaction();
                menu2fragmentTransaction.replace(R.id.flContent, hasil);
                menu2fragmentTransaction.addToBackStack(null);
                menu2fragmentTransaction.commit();
            }
        } catch (JSONException e) {
            e.printStackTrace();
        }
    }

    @Override
    public void onActivityCreated(@Nullable Bundle savedInstanceState) {
        super.onActivityCreated(savedInstanceState);
        Bundle arguments = getArguments();
        if (arguments != null) {
            String nrp1 = arguments.get("NRP").toString();
            String nama1 = arguments.get("NAMA").toString();

```

```

        String akses1 = arguments.get("AKSES").toString();
        String jk = arguments.get("JK").toString();
        nocalon.setText(nrp1);
        nama.setText(nama1);
    }
}
}

```

3. Source Tampil Calon

```

package paket.aplikasi.perubahan.ktp;

import android.app.ProgressDialog;
import android.os.Bundle;
import android.util.Log;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;

import androidx.fragment.app.Fragment;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import com.android.volley.Request;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.JsonArrayRequest;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.util.ArrayList;

/**
 * A simple {@link Fragment} subclass.
 */
public class Dpdri extends Fragment {
    private static final String data_url =
"http://192.168.66.2/PROJEKPD/SIREHAP/api/getdata_tampildpd.php"; // kasih link
prosesnya contoh : http://domainname or ip/folderproses/namaproses
    RecyclerView mRecyclerView;
    RecyclerView.Adapter mAdapter;
    RecyclerView.LayoutManager mManager;
    ProgressDialog pd;
    ArrayList<ModelData> mItems;
    public Dpdri() {
        // Required empty public constructor
    }

    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
        Bundle savedInstanceState) {
        // Inflate the layout for this fragment
        View rootView = inflater.inflate(R.layout.fragment_master, container,
false);
        pd = new ProgressDialog(getActivity());

```

```

        mRecyclerView = (RecyclerView) rootView.findViewById(R.id.list_data);
        mItems = new ArrayList<>();
        mManager = new LinearLayoutManager(getActivity(),
LinearLayoutManager.VERTICAL, false);
        mRecyclerView.setLayoutManager(mManager);
        mAdapter = new AdapterMaster(getActivity(), mItems);
        mRecyclerView.setAdapter(mAdapter);

        loadjson();
        return rootView;
    }

    private void loadjson() {
        pd.setMessage("Mengambil Data...");
        pd.setCancelable(false);
        pd.show();

        JsonRequest arrayRequest = new JsonRequest(Request.Method.GET,
data_url, null, new Response.Listener<JSONArray>() {
            @Override
            public void onResponse(JSONArray response) {
                pd.cancel();
                Log.d("volley", "response : " + response.toString());
                for (int i=0; i < response.length(); i++){
                    try {
                        JSONObject data = response.getJSONObject(i);
                        ModelData md = new ModelData();
                        md.setNama(data.getString("no_calon"));
                        md.setAlamat(data.getString("nama_calon"));
                        md.setStatus(data.getString("nama_partai"));
                        md.setJk(data.getString("nama_jeniscalon"));
                        mItems.add(md);
                    } catch (JSONException e) {
                        e.printStackTrace();
                    }
                }
                mAdapter.notifyDataSetChanged();
            }
        }, new Response.ErrorListener(){

            @Override
            public void onErrorResponse(VolleyError error) {
                pd.cancel();
                Log.d("volley", "error : " + error.getMessage());
            }
        });
        Controller.getInstance().addToRequestQueue(arrayRequest);
    }
}

```

4. Source Calon DPRD

```

package paket.aplikasi.perubahan.ktp;

import android.app.ProgressDialog;
import android.os.Bundle;
import android.util.Log;

```

```

import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;

import androidx.fragment.app.Fragment;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import com.android.volley.Request;
import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.android.volley.toolbox.JsonArrayRequest;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.util.ArrayList;

/**
 * A simple {@link Fragment} subclass.
 */
public class Dprdkot extends Fragment {
    private static final String data_url =
"http://192.168.66.2/PROJEKPDP/SIREHAP/api/getdata_tampildprdkot.php"; // kasih
link prosesnya contoh : http://domainname or ip/folderproses/namaproses
    RecyclerView mRecyclerView;
    RecyclerView.Adapter mAdapter;
    RecyclerView.LayoutManager mManager;
    ProgressDialog pd;
    ArrayList<ModelData> mItems;
    public Dprdkot() {
        // Required empty public constructor
    }

    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
        Bundle savedInstanceState) {
        // Inflate the layout for this fragment
        View rootView = inflater.inflate(R.layout.fragment_master, container,
false);
        pd = new ProgressDialog(getActivity());
        mRecyclerView = (RecyclerView) rootView.findViewById(R.id.list_data);
        mItems = new ArrayList<>();
        mManager = new LinearLayoutManager(getActivity(),
LinearLayoutManager.VERTICAL, false);
        mRecyclerView.setLayoutManager(mManager);
        mAdapter = new AdapterMaster(getActivity(), mItems);
        mRecyclerView.setAdapter(mAdapter);

        loadjson();
        return rootView;
    }

    private void loadjson() {
        pd.setMessage("Mengambil Data....");
        pd.setCancelable(false);
        pd.show();
    }

```

```

        JSONArrayRequest arrayRequest = new JSONArrayRequest(Request.Method.GET,
data_url, null, new Response.Listener<JSONArray>() {
    @Override
    public void onResponse(JSONArray response) {
        pd.cancel();
        Log.d("volley", "response : " + response.toString());
        for (int i=0; i < response.length(); i++){
            try {
                JSONObject data = response.getJSONObject(i);
                ModelData md = new ModelData();
                md.setNama(data.getString("no_calon"));
                md.setAlamat(data.getString("nama_calon"));
                md.setStatus(data.getString("nama_partai"));
                md.setJk(data.getString("nama_jeniscalon"));
                mItems.add(md);
            } catch (JSONException e) {
                e.printStackTrace();
            }
        }
        mAdapter.notifyDataSetChanged();
    }
}, new Response.ErrorListener(){

    @Override
    public void onErrorResponse(VolleyError error) {
        pd.cancel();
        Log.d("volley", "error : " + error.getMessage());
    }
});
Controller.getInstance().addToRequestQueue(arrayRequest);
    }
}

```