

LISTING PROGRAM

1. SOURCE CODE

a. Code Tampilan Login

```
<?php defined('BASEPATH') OR exit('No direct script access allowed');
class UserModel extends CI_Model {
    private $_users = "users";
    public function rules() {
        return[
            ['field' => 'id',
             'label' => 'Id',
             'rules' => '']
        ];
    }
    public function addUser() {
        $post = $this->input->post();
        $this->name = strtoupper($post['name']);
        $this->username = $post['username'];
        $this->password = password_hash($post['password'], PASSWORD_DEFAULT);
        $this->position = strtoupper($post['position']);
        $this->role_id = $post['roleId'];
        $this->is_active = 1;
        return $this->db->insert($this->_users, $this);
    }
    public function delete($id)
    {
        return $this->db->delete($this->_user, array("id" => $id));
    }
    public function deleteUser($id)
    {
        return $this->db->delete($this->_user, array("username" => $id));
    }
    public function getById($id) {
        return $this->db->get_where($this->_user, ["id" => $id])->row();
    }
    public function saveUser() {
        $post = $this->input->post();
        $this->name = $post["nama"];
        $this->username = $post["nik"];
        $this->password =
"$2y$10$0yCG9Nfq3eaMZJ5kqbfT.khkmdyUU5rHMAWx9oX1g.L2VDEXgoGa";
        $this->area = $post["sto"];
        $this->sektor = $post["sektor"];
        $this->jabatan = "TEKNISI";
        $this->role_id = "5";
        $this->is_active = "1";
        return $this->db->insert($this->_user, $this);
    }
    public function updateArea() {
        $post = $this->input->post();

        $this->username = $post["nik"];

        $this->area = $post["sto"];

        $this->sektor = $post["sektor"];

        return $this->db->update($this->_user, $this, array('username' =>
$post["nik"]));
    }
    public function update() {
        $post = $this->input->post();
        $this->id = $post["id"];
        $this->name = $post["name"];
    }
}
```

```

        $this->email          = $post["email"];
        $this->area           = $post["area"];
        $this->sektor         = $post["sektor"];
        $this->role_id        = $post["role_id"];
        $this->is_active      = $post["is_active"];
        return $this->db->update($this->_user, $this, array('id' => $post["id"]));
    }
    public function save() {
        $post = $this->input->post();
        $this->id = $post["id"];
        $this->email = $post["email"];
        $this->password = password_hash($post["password2"], PASSWORD_DEFAULT);
        return $this->db->update($this->_user, $this, array('id' => $post["id"]));
    }
    public function cek_old() {
        $sold = password_hash($this->input->post('password'));
        $this->db->where('password', $sold);
        $query = $this->db->get('user');
        return $query->result();
    }
    public function update_reset_key($email, $reset_key){
        $this->db->where('email', $email);
        $data = array('reset_password' => $reset_key);
        $this->db->update('user', $data);
        if($this->db->affected_rows() > 0) {
            return TRUE;
        }else{
            return FALSE;
        }
    }
    public function reset_password() {
        $post = $this->input->post();
        $this->password = password_hash($post["confirm_password"],
PASSWORD_DEFAULT);
        $this->reset_password = random_string('alnum', 50);
        $this->db->update($this->_user, $this, array('reset_password' =>
$post["reset_key"]));
        return ($this->db->affected_rows() > 0 ) ? TRUE:FALSE;
    }
    public function check_reset_key($reset_key){
        $this->db->where('reset_password', $reset_key);
        $this->db->from('user');
        return $this->db->count_all_results();
    }
}

```

b. Code Data Login

```

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

class Auth extends CI_Controller {
    public function __construct()
    {
        parent::__construct();

        $this->load->library('form_validation');
        $this->load->library('session');
        $this->load->model('userModel');
    }
    public function index() {
        $this->form_validation->set_rules('username', 'Username',
'required|trim');
        $this->form_validation->set_rules('password', 'Password',
'required|trim');

        if ($this->form validation->run() == FALSE) {

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        $this->load->view('auth/login2');
    } else {
        $this->login();
    }
}
private function login() {
    $post = $this->input->post();
    $username = $post['username'];
    $password = $post['password'];
    $user = $this->db->get_where('users', ['username' => $username])-
>row_array();
    if ($user) {
        if ($user['is_active'] == 1) {
            if (password_verify($password, $user['password'])) {
                $data = [
                    'id' => $user['id'],
                    'name' => $user['name'],
                    'username' => $user['username'],
                    'position' => $user['position'],
                    'role_id' => $user['role_id']
                ];
                $this->session->set_userdata($data);
                redirect('dashboard-utama');
            } else {
                $this->session->set_flashdata('message', '<div
class="alert alert-danger" role="alert">Wrong Password</div>');
                redirect('');
            }
        } else {
            $this->session->set_flashdata('message', '<div
class="alert alert-danger" role="alert">Username Inactive</div>');
            redirect('');
        }
    } else {
        $this->session->set_flashdata('message', '<div class="alert
alert-danger" role="alert">Username Not Registered</div>');
        redirect('');
    }
}
public function registration() {
    $this->form_validation->set_rules('name', 'Name', 'required|trim');
    $this->form_validation->set_rules('username', 'NIK',
'required|trim|is_unique[users.username]', [
        'is_unique' => 'NIK Already Registered'
    ]);
    $this->form_validation->set_rules('password', 'Password',
'required|trim|min_length[8]|matches[confirmPassword]');
    $this->form_validation->set_rules('confirmPassword', 'Confirm Password',
'required|trim|min_length[8]|matches[password]', [
        'matches' => 'Password Not Match',
        'min_length' => 'Password Minimum 8 Characters'
    ]);
    if ($this->form_validation->run() == FALSE) {
        $this->load->view('auth/registration');
    } else {
        $this->userModel->addUser();
        $this->session->set_flashdata('message', '<div class="alert alert-
success" role="alert">Add User Succeeded </div>');
        redirect('registration');
    }
}
public function logout() {
    $this->session->unset_userdata('username');
    $this->session->unset_userdata('role_id');
    $this->session->set_flashdata('message', '<div class="alert alert-
success" role="alert">Succeeded Logout </div>');
    redirect('');
}
}

```

```
}
```

c. Code Tampilan Halaman Awal

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

class DashboardUtama extends CI_Controller {
    public function __construct()
    {
        parent::__construct();
        // is_logged_in();
        $this->load->library('form_validation');
        $this->load->library('session');
        $this->load->model('userModel');
    }
    public function index() {
        $this->load->view('dashboard_utama.php');
    }
}
```

d. Code Data Aset

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

class Aset extends CI_Controller {
    public function __construct()
    {
        parent::__construct();
        is_logged_in();
        $this->load->library('form_validation');
        $this->load->library('session');
        $this->load->model('userModel');
        $this->load->model('asetModel');
        $this->load->model('laporanAsetModel');
    }
    public function index() {
        $data['aset'] = $this->asetModel->getAll();
        $this->load->view('aset/aset', $data);
    }
    public function addAset() {
        $this->form_validation->set_rules('as_kode', 'Kode Aset',
        'required|is_unique[aset.as_kode]', [
            'is_unique' => 'Kode SUDAH ADA'
        ]);
        $this->form_validation->set_rules('as_jml', 'Jumlah',
        'required|numeric', [
            'numeric' => 'Masukkan Angka'
        ]);
        if($this->form_validation->run() == FALSE) {
            $this->session->set_flashdata('message', '<div class="alert
            alert-danger" role="alert">Gagal Menambahkan Aset</div>');
            redirect('aset');
        }else{
            $this->asetModel->save();
            $this->session->set_flashdata('message', '<div class="alert
            alert-success" role="alert">Berhasil Menambahkan Aset</div>');
            redirect('aset');
        }
    }
    public function updateAset() {
        $this->form_validation->set_rules('as_jml', 'Jumlah',
        'required|numeric', [
            'numeric' => 'Masukkan Angka'
        ]);
    }
}
```

```

        if($this->form_validation->run()) {
            $this->asetModel->update();
            $this->session->set_flashdata('message', '<div class="alert
alert-success" role="alert">Berhasil Mengupdate Data Aset</div>');
            redirect('aset');
        }else{
            $this->session->set_flashdata('message', '<div class="alert
alert-danger" role="alert">Gagal Mengupdate Data Aset</div>');
            redirect('aset');
        }
    }
    public function tambahAset() {
        $this->form_validation->set_rules('as_jml', 'Jumlah',
'required|numeric', [
            'numeric' => 'Masukkan Angka'
        ]);
        if($this->form_validation->run()) {
            $this->asetModel->tambahAset();
            $this->laporanAsetModel->save();
            $this->session->set_flashdata('message', '<div class="alert
alert-success" role="alert">Berhasil Menambah Jumlah Aset</div>');
            redirect('aset');
        }else{
            $this->session->set_flashdata('message', '<div class="alert
alert-danger" role="alert">Gagal Menambah Jumlah Aset</div>');
            redirect('aset');
        }
    }
    public function deleteAset($id) {
        if(!isset($id)) show_404();
        if($this->asetModel->delete($id)) {
            $this->session->set_flashdata('message', '<div class="alert
alert-success" role="alert">Berhasil Menghapus Data Aset</div>');
            redirect('aset');
        }
    }
}
}

```

e. Code Tampilan Data Aset

```

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

class AsetModel extends CI_Model {
    private $_aset = "aset";
    private $_jenis_aset = "jenis_aset";

    public function rules()
    {

        return [

        ];
    }

    public function getAll() {
        // return $this->db->get($this->_aset)->result();
        return $this->db->query("SELECT
            jenis_aset.id 'j_id',
            jenis_aset.kode_aset 'kode',
            jenis_aset.jenis_aset 'jenis',
            aset.as_id 'id'
            FROM jenis_aset LEFT JOIN aset

```

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        ON jenis_aset.kode_aset = aset.as_kode
        GROUP BY jenis_aset.kode_aset
    ")->result();
}

public function getAllAset() {
    return $this->db->get($this->_aset)->result();
}

public function save() {
    $post = $this->input->post();

    $this->as_nama      = strtoupper($post['as_nama']);
    $this->as_jenis     = strtoupper($post['as_jenis']);
    $this->as_kode      = strtoupper($post['as_kode']);
    $this->as_kondisi   = "NORMAL";
    $this->as_jml       = $post['as_jml'];
    $this->as_sat       = strtoupper($post['as_sat']);
    $this->created_by  = $this->session->userdata('username');

    return $this->db->insert($this->_aset, $this);
}

public function saveJenisAset() {
    $post = $this->input->post();

    $jenis_aset      = strtoupper($post['as_jenis']);
    $kode_aset       = strtoupper($post['as_kode']);

    $query = $this->db->query("SELECT * FROM jenis_aset WHERE kode_aset =
'$kode_aset' ")->result();

    if(count($query) > 0) {
        return true;
    }else{
        return $this->db->query("INSERT INTO `jenis_aset` (`id`, `kode_aset`,
`jenis_aset`, `date_created`, `date_updated`) VALUES (NULL, '$kode_aset',
'$jenis_aset', current_timestamp(), NULL); ");
    }
}

public function update() {
    $post = $this->input->post();

    $this->as_nama      = $post['as_nama'];
    $this->as_jenis     = $post['as_jenis'];
    $this->as_jml       = $post['as_jml'];
    $this->as_sat       = $post['as_sat'];
    $this->updated_by  = $this->session->userdata('username');

    return $this->db->update($this->_aset, $this, array('as_id' =>
$post['as_id']));
}

public function tambahAset() {
    $post = $this->input->post();
    $kode = $post['as_kode'];
    $nama = $post['as_nama'];
    $query = $this->db->query("SELECT * FROM aset WHERE as_kode = '$kode' AND
as_nama = '$nama' AND as_kondisi = 'NORMAL' ")->result();
    if(count($query) > 0) {
        foreach($query as $aset) {
            $jumlah = $aset->as_jml;
        }

        $this->as_jml      = $post['as_jml'] + $jumlah;
        $this->updated_by  = $this->session->userdata('username');
    }
}

```

```

        return $this->db->update($this->_aset, $this, array('as_kode' =>
$post['as_kode'], 'as_nama' => $post['as_nama']));
    }else{
        return false;
    }
}

public function updateFromRequest() {
    $post = $this->input->post();
    $kode = $post['kode_aset'];
    $nama_aset = $post['nama_aset'];
    $query = $this->db->query("SELECT * FROM aset WHERE as_kode = '$kode' AND
as_nama = '$nama_aset' AND as_kondisi = 'NORMAL' ")->result();
    foreach($query as $aset) {
        $id = $aset->as_id;
        $jumlah = $aset->as_jml;
    }

    if($query && $jumlah >= $post['jml_aset']) {
        $this->as_jml = $jumlah - $post['jml_aset'];
        $this->updated_by = $this->session->userdata('username');

        return $this->db->update($this->_aset, $this, array('as_id' => $id));
    }
}

public function delete($id) {
    return $this->db->delete($this->_aset, array('as_id' => $id));
}

public function deleteJenisAset($id) {
    return $this->db->delete($this->_jenis_aset, array('id' => $id));
}
}

```

f. Code Tampilan Berita Acara

```

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

class BeritaAcaraModel extends CI_Model {
    private $_berita_acara_aset = "berita_acara_aset";

    public function rules()
    {
        return [

        ];
    }

    public function getAll() {
        return $this->db->get($this->_berita_acara_aset)->result();
    }

    public function getByUsername($username) {
        return $this->db->query("SELECT * FROM berita_acara_aset WHERE nik =
'$username' ")->result();
    }

    public function getByBaId($ba_id) {
        return $this->db->query("SELECT * FROM berita_acara_aset WHERE ba_id =
'$ba_id' ")->result();
    }

    public function save() {
        $post = $this->input->post();
        $kode = strtoupper($post['kode aset']);
    }
}

```

```

        $nama_aset = $post['nama_aset'];

        $query = $this->db->query("SELECT * FROM aset WHERE as_kode = '$kode' AND
as_nama = '$nama_aset' ")>result();
        if(count($query) > 0) {
            $this->ba_id          = $post['ba_id'];
            $this->nik            = $this->session->userdata('username');
            $this->nama           = $this->session->userdata('name');
            $this->jabatan        = $this->session->userdata('position');
            $this->nama_aset      = $post['nama_aset'];
            $this->kode_aset      = strtoupper($post['kode_aset']);
            $this->jenis_aset     = $post['jenis_aset'];
            $this->jml_aset       = $post['jml_aset'];
            $this->sat_aset       = $post['sat_aset'];
            $this->status         = 0;
            $this->keterangan     = $post['keterangan'];

            return $this->db->insert($this->_berita_acara_aset, $this);
        }
    }

    public function update() {
        $post = $this->input->post();

        $this->kode_aset      = strtoupper($post['kode_aset']);
        $this->jenis_aset     = $post['jenis_aset'];
        $this->jml_aset       = $post['jml_aset'];
        $this->sat_aset       = $post['sat_aset'];
        $this->app            = $post['app'];
        if ($post['app'] == 2) {
            $this->date_approval = date('Y-m-d H:i:s');
        }
        $this->status         = $post['status'];
        $this->keterangan     = $post['keterangan'];

        return $this->db->update($this->_berita_acara_aset, $this, array('id_req'
=> $post['id_req']));
    }

    public function delete($id) {
        return $this->db->delete($this->_berita_acara_aset, array('id_req' =>
$id));
    }
}

```

g. Code Data Berita Acara

```

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

class BeritaAcara extends CI_Controller {
    public function __construct()
    {
        parent::__construct();
        is_logged_in();
        $this->load->library('form_validation');
        $this->load->library('session');
        $this->load->model('userModel');
        $this->load->model('asetModel');
        $this->load->model('beritaAcaraModel');
        $this->load->model('asetTeknisiModel');
        $this->load->model('orderAsetModel');
        $this->load->model('laporanAsetModel');
    }

    public function index() {
        $role id = $this->session->userdata('role id');
    }
}

```



```

        $username = $this->session->userdata('username');
        if($role_id == 3) {
            $data['beritaAcara'] = $this->beritaAcaraModel-
>getByUsername($username);
        } else {
            $data['beritaAcara'] = $this->beritaAcaraModel->getAll();
        }
        $this->load->view('berita_acara/berita_acara', $data);
    }
    public function addBeritaAcara() {
        $this->form_validation->set_rules('kode_aset', 'Kode Aset',
'required');
        $this->form_validation->set_rules('jml_aset', 'Jumlah',
'required|numeric', [
            'numeric' => 'Masukkan Angka'
        ]);
        if($this->form_validation->run() == FALSE) {
            $this->session->set_flashdata('message', '<div class="alert
alert-danger" role="alert">Gagal Menambahkan Request Aset</div>');
            redirect('beritaAcara');
        }else{
            $this->beritaAcaraModel->save();
            $this->session->set_flashdata('message', '<div class="alert
alert-success" role="alert">Berhasil Menambahkan Request Aset</div>');
            redirect('beritaAcara');
        }
    }

    public function updateBeritaAcara() {
        $this->form_validation->set_rules('jml_aset', 'Jumlah',
'required|numeric', [
            'numeric' => 'Masukkan Angka'
        ]);
        $post = $this->input->post();
        if($this->form_validation->run()) {
            if($post["app"] == 2 && $post["status"] == 2) {
                if($this->asetModel->updateFromRequest() {
                    $this->laporanAsetModel->saveKeluar();
                    $this->beritaAcaraModel->update();
                    $this->orderAsetModel->saveFromRequest();
                    $this->asetTeknisiModel->saveFromRequest();
                    $this->session->set_flashdata('message', '<div
class="alert alert-success" role="alert">Berhasil Mengupdate Data Request
Aset</div>');
                    redirect('beritaAcara');
                } else {
                    $this->session->set_flashdata('message', '<div
class="alert alert-danger" role="alert">Gagal Mengupdate Pastikan Jumlah Request
Tidak Melebihi Stok</div>');
                    redirect('beritaAcara');
                }
            } else {
                $this->beritaAcaraModel->update();
                $this->session->set_flashdata('message', '<div
class="alert alert-success" role="alert">Berhasil Mengupdate Data Request
Aset</div>');
                redirect('beritaAcara');
            }
        }else{
            $this->session->set_flashdata('message', '<div class="alert
alert-danger" role="alert">Gagal Mengupdate Data Request Aset</div>');
            redirect('beritaAcara');
        }
    }

    public function approveBeritaAcara() {
        if($this->asetModel->updateFromRequest() {
            $this->laporanAsetModel->saveKeluar();
            $this->beritaAcaraModel->update();
        }
    }

```

```

        $this->orderAsetModel->saveFromRequest();
        $this->asetTeknisiModel->saveFromRequest();
        $this->session->set_flashdata('message', '<div
class="alert alert-success" role="alert">Berhasil Approve Data Request
Aset</div>');
        redirect('beritaAcara');
    } else {
        $this->session->set_flashdata('message', '<div
class="alert alert-danger" role="alert">Gagal Approve Pastikan Jumlah Request
Tidak Melebihi Stok</div>');
        redirect('beritaAcara');
    }
}
public function deleteBeritaAcara($id) {
    if(!isset($id)) show_404();
    if($this->beritaAcaraModel->delete($id) {
        $this->session->set_flashdata('message', '<div class="alert
alert-success" role="alert">Berhasil Menghapus Data Request Aset</div>');
        redirect('beritaAcara');
    }
}
}
}
}

```

h. Kode Tampilan Kondisi Aset Teknisi

```

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

class AsetTeknisi extends CI_Controller {
    public function __construct()
    {
        parent::__construct();
        is_logged_in();
        $this->load->library('form_validation');
        $this->load->library('session');
        $this->load->model('userModel');
        $this->load->model('asetTeknisiModel');
    }
    public function index() {
        $role_id = $this->session->userdata('role_id');
        $username = $this->session->userdata('username');

        if($role_id == 3) {
            $data['asetTeknisi'] = $this->asetTeknisiModel-
>getByUsername($username);
        } else {
            $data['asetTeknisi'] = $this->asetTeknisiModel-
>getAll();
        }
        $this->load->view('aset_teknisi/aset_teknisi', $data);
    }
    public function updateAsetTeknisi() {
        $this->form_validation->set_rules('kondisi', 'Kondisi',
'required');

        if($this->form_validation->run()) {
            $this->asetTeknisiModel->update();
            $this->session->set_flashdata('message', '<div
class="alert alert-success" role="alert">Berhasil Mengupdate Data Aset</div>');
            redirect('asetTeknisi');
        }else{
            $this->session->set_flashdata('message', '<div
class="alert alert-danger" role="alert">Gagal Mengupdate Data Aset</div>');
            redirect('asetTeknisi');
        }
    }
}
}

```

i. Code Data Laporan Aset

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

class LaporanAsetModel extends CI_Model {
    private $_laporan = "laporan";
    public function rules()
    {

        return [

        ];
    }

    public function getAll() {
        return $this->db->get($this->_laporan)->result();
    }

    public function save() {
        $post = $this->input->post();

        $this->lap_nama      = $post['as_nama'];
        $this->lap_jenis     = $post['as_jenis'];
        $this->lap_kode      = strtoupper($post['as_kode']);
        $this->lap_jml       = $post['as_jml'];
        $this->lap_sat       = $post['as_sat'];
        $this->status        = "ASET MASUK";
        $this->created_by    = $this->session->userdata('username');

        return $this->db->insert($this->_laporan, $this);
    }

    public function saveKeluar() {
        $post = $this->input->post();

        $this->lap_nama      = $post['nama_aset'];
        $this->lap_jenis     = $post['jenis_aset'];
        $this->lap_kode      = strtoupper($post['kode_aset']);
        $this->lap_jml       = $post['jml_aset'];
        $this->lap_sat       = $post['sat_aset'];
        $this->status        = "ASET KELUAR";
        $this->created_by    = $this->session->userdata('username');

        return $this->db->insert($this->_laporan, $this);
    }
}
```

2. DATABASE

a. Tabel Users

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(5)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 name	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 username	int(15)			No	None			Change Drop More
<input type="checkbox"/>	4 password	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	5 position	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	6 role_id	int(5)			No	None			Change Drop More
<input type="checkbox"/>	7 is_active	int(2)			No	None			Change Drop More
<input type="checkbox"/>	8 created_at	datetime			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	9 updated_at	datetime			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()	Change Drop More

b. Tabel Aset

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 as_id	int(30)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 as_nama	varchar(35)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	3 as_jenis	varchar(35)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	4 as_kode	varchar(35)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	5 as_kondisi	varchar(25)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	6 as_jml	int(10)			No	None			Change Drop More
<input type="checkbox"/>	7 as_sat	varchar(10)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	8 created_at	datetime			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	9 created_by	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	10 updated_at	datetime			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()	Change Drop More
<input type="checkbox"/>	11 updated_by	varchar(50)	latin1_swedish_ci		No	None			Change Drop More

c. Tabel Order Aset

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 ba_id	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	2 user_nik	int(35)			No	None			Change Drop More
<input type="checkbox"/>	3 user_nama	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	4 jabatan	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	5 nama_aset	varchar(35)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	6 kode_aset	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	7 jenis_aset	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	8 jml_aset	int(10)			No	None			Change Drop More
<input type="checkbox"/>	9 satuan	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	10 date_request	datetime			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	11 date_approval	datetime			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	12 keterangan	text	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	13 created_at	datetime			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	14 updated_at	datetime			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()	Change Drop More

d. Tabel Berita Acara Aset

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id_req	int(35)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 ba_id	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	3 nama	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	4 nik	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	5 jabatan	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	6 nama_aset	varchar(35)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	7 kode_aset	varchar(35)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	8 jenis_aset	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	9 jml_aset	int(10)			No	None			Change Drop More
<input type="checkbox"/>	10 sat_aset	varchar(10)	latin1_swedish_ci		No	None			Change Drop More
<input type="checkbox"/>	11 date_request	datetime			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	12 date_approval	datetime			No	None			Change Drop More
<input type="checkbox"/>	13 app	int(2)			No	None			Change Drop More
<input type="checkbox"/>	14 status	int(2)			No	None			Change Drop More
<input type="checkbox"/>	15 keterangan	text	latin1_swedish_ci		No	None			Change Drop More

e. Tabel User Akses Menu

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(5)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 role_id	int(5)			No	None			Change Drop More
<input type="checkbox"/>	3 menu_id	int(5)			No	None			Change Drop More
<input type="checkbox"/>	4 created_at	datetime			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	5 updated_at	datetime			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()	Change Drop More

f. Tabel User Menu

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(5)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 menu	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 icon	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 created_at	datetime			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	5 updated_at	datetime			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()	Change Drop More

g. Tabel Role

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(5)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 role	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 created_at	datetime			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	4 updated_at	datetime			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()	Change Drop More

h. Tabel Sub Menu

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(5)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 menu_id	int(5)			No	None			Change Drop More
<input type="checkbox"/>	3 title	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 url	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	5 icon	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	6 is_active	int(2)			No	None			Change Drop More
<input type="checkbox"/>	7 created_at	datetime			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	8 updated_at	datetime			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()	Change Drop More

i. Tabel Jenis Aset

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(10)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 kode_aset	varchar(35)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 jenis_aset	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 date_created	datetime			No	current_timestamp()			Change Drop More
<input type="checkbox"/>	5 date_updated	datetime			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()	Change Drop More