

TUGAS PEMROGRAMAN DAN PENGKODEAN
Inventory Management

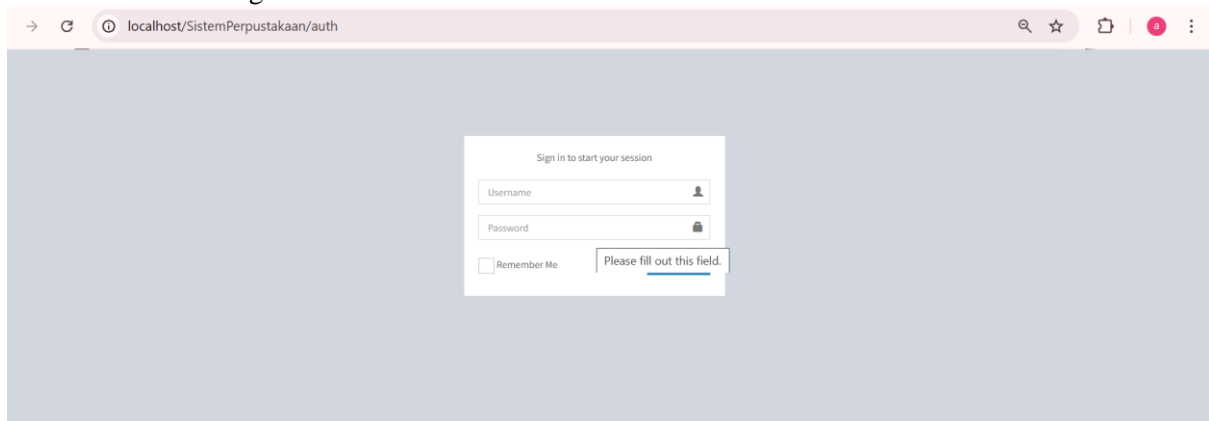


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Result

1. Halaman Login



Code

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

class Auth extends CI_Controller
{
    public function index()
    {
        isLogin();
        $this->form_validation->set_rules('username', 'Username',
        'required|trim');
        $this->form_validation->set_rules('password', 'Password',
        'required|trim');
        if ($this->form_validation->run() == false) {
            $data = [
                'title' => 'Login'
            ];
            $this->template->load('auth/template', 'auth/login', $data);
        } else {
            $username = $this->input->post('username');
            $password = $this->input->post('password');

            $user = $this->db->get_where('admin', ['username' => $username])-
            >row_array();
            if($user['status']== '1'){
                $hak_akses = 'admin';
            }elseif($user['status']== '0'){
                $hak_akses = 'keperpus';
            }else{
                $hak_akses = 'siswa';
            }
            if ($user) {
                if (password_verify($password, $user['password'])) {
                    $data = [
                        'isLogin' => true,
```

```

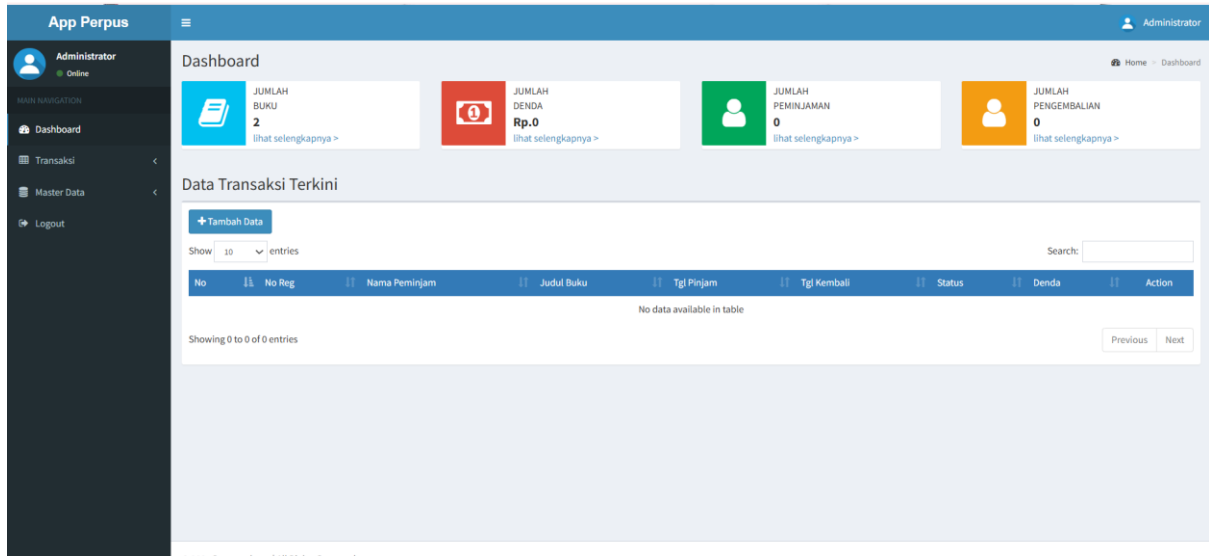
        'username' => $user['username'],
        'nama'      => $user['nama_lengkap'],
        'hak_akses' => $hak_akses,
    ];
    $this->session->set_userdata($data);
    redirect('/admin');
} else {
    $this->session->set_flashdata('message', '<div
class="alert alert-danger" role="alert">Password Salah!</div>');
    redirect('auth');
}
} else {
    $this->session->set_flashdata('message', '<div class="alert
alert-danger" role="alert">Username belum terdaftar!</div>');
    redirect('auth');
}
}
}

public function logout()
{
    $this->session->unset_userdata('nama');
    $this->session->unset_userdata('username');
    $this->session->unset_userdata('isLogin');
    session_destroy();
    $this->session->set_flashdata('message', '<div class="alert alert-
success" role="alert">You have been logged out!</div>');
    redirect('/');
}

public function blocked()
{
    $this->load->view('auth/blocked');
}
}

```

2. Dashboard



Code

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

class Admin extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();
        $this->load->model('M_transaksi', 'm_transaksi');
    }
    public function index()
    {
        if (!$this->session->userdata('isLogin') || $this->session->userdata('hak_akses') !== 'admin') {
            redirect(base_url());
        }

        $data = [
            'title'      => 'Admin',
            'transaksi'  => $this->m_transaksi->getData(),
            'jml_buku'   => $this->db->get('buku')->num_rows(),
            'denda'      => $this->db->select_sum('denda')->get('transaksi')->row_array()['denda'],
            'pinjam'     => $this->db->get_where('transaksi', ['tgl_kembali'=>null])->num_rows(),
            'kembali'    => $this->db->get_where('transaksi', ['tgl_kembali'!=>null])->num_rows(),
        ];

        $this->template->load('admin/template', 'admin/home', $data);
    }
}
```

```

public function list()
{
    $data['title'] = 'Admin List';
    $data['admin'] = $this->db->order_by('id', 'desc')->get('admin')->result_array();
    $this->template->load('admin/template', 'admin/list', $data);
}

public function add()
{
    if(isset($_POST['submit'])){
        $data= [
            'username'      => $this->input->post('username'),
            'nama_lengkap'  => $this->input->post('nama_lengkap'),
            'password'      => password_hash($this->input->post('password'), PASSWORD_DEFAULT),
        ];
        if($this->db->insert('admin', $data)){
            $this->session->set_flashdata('message', '<div class="alert alert-success" role="alert">Berhasil Tambah Data!</div>');
            redirect('admin/list');
        }else{
            $this->session->set_flashdata('message', '<div class="alert alert-danger" role="alert">Gagal Tambah Data!</div>');
            redirect('admin/list');
        }
    }else{
        redirect('admin/list');
    }
}

public function update($id)
{
    if(isset($_POST['submit'])){
        $data= [
            'username'      => $this->input->post('username'),
            'nama_lengkap'  => $this->input->post('nama_lengkap'),
        ];
        if( $this->input->post('password') !== '' ){
            $data['password'] = password_hash($this->input->post('password'), PASSWORD_DEFAULT);
        }
        if($this->db->update('admin', $data, ['id'=>$id])){
            $this->session->set_flashdata('message', '<div class="alert alert-success" role="alert">Berhasil Ubah Data!</div>');
            redirect('admin/list');
        }else{

```

```

        $this->session->set_flashdata('message', '<div class="alert
alert-danger" role="alert">Gagal Ubah Data!</div>');
        redirect('admin/list');
    }
}
}

public function delete($id='')
{
    if($id !== ''){
        if($this->db->delete('admin', ['id'=>$id])){
            $this->session->set_flashdata('message', '<div class="alert
alert-success" role="alert">Berhasil Hapus Data!</div>');
            redirect('admin/list');
        }else{
            $this->session->set_flashdata('message', '<div class="alert
alert-danger" role="alert">Gagal Hapus Data!</div>');
            redirect('admin/list');
        }
    }else{
        redirect('admin/list');
    }
}

public function getdata($id)
{
    $data = $this->db->get_where('admin', ['id'=>$id])->row_array();
    echo json_encode($data);
}

function get_siswa(){
    if (isset($_GET['term'])) {
        $this->db->like('nama_siswa', $_GET['term']);
        $result = $this->db->get('siswa')->result();
        if (count($result) > 0) {
            foreach ($result as $row)
                $arr_result[] = array(
                    'label' => $row->nama_siswa,
                    'no_reg' => $row->no_reg,
                );
            echo json_encode($arr_result);
        }
    }
}

function get_buku(){

```

```
if (isset($_GET['term'])) {  
    $this->db->like('judul_buku', $_GET['term']);  
    $result = $this->db->get('buku')->result();  
    if (count($result) > 0) {  
        foreach ($result as $row)  
            $arr_result[] = array(  
                'label' => $row->judul_buku,  
                'kd_buku' => $row->kd_buku,  
            );  
        echo json_encode($arr_result);  
    }  
}  
}
```