

# LAMPIRAN

## KODE PROGRAM

### Cek-login.php

```
<?php

include'../koneksi.php';

session_start();

if(isset($_POST['btn_login'])) {

    // jika sudah ditekan

    $username = $_POST['username'];

    $password = md5($_POST['password']);

    $sql_user = "SELECT * FROM tbuser where username = '$username' and
password = '$password'";

    $result_user = mysqli_query($koneksi, $sql_user);

    if(mysqli_num_rows($result_user) > 0) {

        // jika data tersedia, simpan data user kedalam session

        while($data_user = mysqli_fetch_array($result_user)){

            $_SESSION['status'] = 'login';

            $_SESSION['id_users'] = $data_user['id'];

            $_SESSION['nama'] = $data_user['nama'];

            $_SESSION['level'] = $data_user['level'];

            if($data_user['level'] == 'admin') {

                header('location:index.php');
```

```
    } else if($data_user['level'] == 'siswa') {  
        header('location:index.php');  
    }  
}  
} else {  
    $_SESSION['login_error'] = "Username atau Password anda Salah!";  
    header('location:login.php');  
}  
} else {  
    header('location:login.php');  
}  
?>
```

## **Beranda.php**

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

class Beranda extends CI_Controller {

    public function index(){

        $data['wp'] = $this->db->get_where('tb_web_profil', array('wp_id'
=> 1))->row();

        $this->db->order_by('id_buku', 'desc');

        $data['buku'] = $this->db->get('tb_buku');

        $this->load->view('template_header', $data);

        $this->load->view('beranda', $data);

        $this->load->view('template_footer');

    }

}
```

## Anggota.php

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

```
class Anggota extends CI_Controller {

    public function __construct(){

        parent::__construct();

        if($this->session->userdata('log_admin') != true){

            redirect('auth');

        }

        $this->load->model('Manggota');

        $this->load->model('Mpeminjaman');

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

    }

    public function index(){

        $data['title'] = 'Data Master';

        $data['anggota'] = $this->Manggota->getAnggota();

        $this->load->view('admin/bundle_header', $data);

        $this->load->view('admin/anggota/view', $data);

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

    }

    public function add(){

        $data['title'] = 'Data Master';
```

```

        $this->form_validation->set_rules('id', 'ID Anggota',
'required|min_length[6]|max_length[25]|numeric|is_unique[tb_anggota.id_anggota
]');

        $this->form_validation->set_rules('nama', 'Nama',
'required|min_length[3]|max_length[25]');

        $this->form_validation->set_rules('jk', 'Jenis Kelamin', 'required');

        $this->form_validation->set_rules('alamat', 'Alamat',
'required|min_length[3]|max_length[100]');

        if($this->form_validation->run() == false){

            $this->load->view('admin/bundle_header', $data);

            $this->load->view('admin/anggota/add', $data);

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

        }else{

            $dataIn = array('id_anggota' => $this->input->post('id'),
'nm_anggota' => ucwords($this->input->post('nama')), 'jk_anggota' => $this-
>input->post('jk'), 'almt_anggota' => ucwords($this->input->post('alamat')));

            $insert = $this->Manggota->insertData($dataIn);

            $this->session->set_flashdata('alert', '<div class="alert
alert-success"><b>Selamat</b>, data anggota berhasil ditambahkan.<button
type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button></div>');

            redirect('admin/anggota');

        }

    }
}

```

```

public function edit($id=0){

    $data['title'] = 'Data Master';

    $cek = $this->Manggota->getDetailAnggota($id);

    $data['kelas'] = $this->db->get('tb_kelas');

    if($cek->num_rows() > 0){

        $data['s'] = $cek->row();

        $this->form_validation->set_rules('nama', 'Nama',
'required|min_length[3]|max_length[25]');

        $this->form_validation->set_rules('kelas', 'Kelas',
'required');

        $this->form_validation->set_rules('smt', 'Semester',
'required');

        $this->form_validation->set_rules('jk', 'Jenis Kelamin',
'required');

        $this->form_validation->set_rules('alamat', 'Alamat',
'required|min_length[3]|max_length[100]');

        $this->form_validation->set_rules('email', 'Email',
'trim|required|min_length[3]|max_length[50]|valid_email');

        $this->form_validation->set_rules('hp', 'No Hp',
'trim|required|min_length[9]|max_length[13]|numeric');

        if($this->form_validation->run() == false){

            $this->load->view('admin/bundle_header', $data);

            $this->load->view('admin/anggota/edit', $data);

```





```
        $this->session->set_flashdata('alert', '<div class="alert
alert-danger"><b>Gagal</b>, data '.$d->nm_anggota.' tidak bisa dihapus karena
pernah melakukan peminjaman buku.<button type="button" class="close" data-
dismiss="alert" aria-hidden="true">&times;</button></div>');

    }else{

        $this->Manggota->deleteData($id);

    }

    redirect('admin/anggota');

}

}
```

## **Buku.php**

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

class Buku extends CI_Controller

{

    public function __construct()

    {

        parent::__construct();

        if ($this->session->userdata('log_admin') != true) {

            redirect('auth');

        }

        $this->load->model(array('Mbuku', 'Mkategori', 'Mpenerbit',

'Mrak', 'Mpeminjaman'));

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

    }

    public function index()

    {

        $data['title'] = 'Data Master';

        $data['buku'] = $this->Mbuku->getBuku();

        $this->load->view('admin/bundle_header', $data);

        $this->load->view('admin/buku/view', $data);

        $this->load->view('admin/bundle_footer');
```

```
}

public function add()

{

    $data['title'] = 'Data Master';

    $data['kategori'] = $this->Mkategori->getKategori();

    $data['penerbit'] = $this->Mpenerbit->getPenerbit();

    $data['rak'] = $this->Mrak->getRak();

    $this->form_validation->set_rules('kategori', 'Kategori', 'required');

    $this->form_validation->set_rules('judul', 'Judul',
'required|min_length[3]|max_length[100]');

    $this->form_validation->set_rules('isbn', 'ISBN',
'required|min_length[17]|max_length[40]');

    $this->form_validation->set_rules('pengarang', 'Pengarang',
'required|min_length[3]|max_length[50]');

    $this->form_validation->set_rules('hal', 'Halaman',
'required|min_length[1]|max_length[4]|numeric');

    $this->form_validation->set_rules('jml', 'Jumlah',
'required|min_length[1]|max_length[4]|numeric');

    $this->form_validation->set_rules('thn', 'Thn Terbit',
'required|min_length[4]|max_length[4]|numeric');

    $this->form_validation->set_rules('sinopsis', 'Sinopsis',
'required|min_length[3]');
```

```

$this->form_validation->set_rules('penerbit', 'Penerbit', 'required');

$this->form_validation->set_rules('rak', 'Rak', 'required');

if ($this->form_validation->run() == false) {

    $this->load->view('admin/boundle_header', $data);

    $this->load->view('admin/buku/add', $data);

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

} else {

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

    $namabuku = "";

    $namaebook = "";

    if ($_FILES['gbuku']['error'] <> 4) {

        //upload file buku

        $this->_uploadBuku();

        $d = $this->bu->data();

        $namabuku = $d['file_name'];

    } else {

        $namabuku = "";

    }

    if ($_FILES['ebook']['error'] <> 4) {

        //upload file ebook

```

```

        $this->_uploadEbook();

        $e = $this->eb->data();

        $namaebook = $e['file_name'];

    } else {

        $namaebook = "";

    }

    $id = $this->Mbuku->generateId();

    $params['data'] = $id;

    $params['level'] = 'H';

    $params['size'] = 10;

    $params['savename'] = FCPATH . 'qrcode/' . $id . '.png';

    $this->ciqrcode->generate($params);

    $dataIn = array(

        'id_buku' => $id, 'judul' => ucwords($this->input-
    >post('judul')), 'isbn' => $this->input->post('isbn'),

        'pengarang' => ucwords($this->input-
    >post('pengarang')), 'halaman' => $this->input->post('hal'),

        'jumlah' => $this->input->post('jml'), 'thn_terbit' =>
    $this->input->post('thn'), 'sinopsis' => ucfirst($this->input->post('sinopsis')),

```

```

        'id_kategori' => $this->input->post('kategori'),
'id_penerbit' => $this->input->post('penerbit'), 'id_rak' => $this->input-
>post('rak'), 'gambar' => $namabuku, 'ebook' => $namaebook

    );

    $insert = $this->Mbuku->insertData($dataIn);

    $this->session->set_flashdata('alert', '<div class="alert
alert-success"><b>Selamat</b>, data buku berhasil ditambahkan.<button
type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button></div>');

    redirect('admin/buku');

    }

}

function _uploadEbook()
{

    $config['upload_path'] = './ebook/';

    $config['allowed_types'] = 'pdf';

    $config['encrypt_name'] = true;

    $this->load->library('upload', $config, 'eb');

    if (!$this->eb->do_upload('ebook')) {

```

```
        $this->session->set_flashdata('alert', '<div class="alert
alert-danger"><button type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button>' . $this->eb->display_errors() . '</div>');
```

```
        redirect('admin/buku/add/');
```

```
    }
```

```
}
```

```
function _uploadBuku()
```

```
{
```

```
    $config['upload_path'] = './buku/';
```

```
    $config['allowed_types'] = 'gif|jpg|png|jpeg';
```

```
    $config['encrypt_name'] = true;
```

```
    $this->load->library('upload', $config, 'bu');
```

```
    if (!$this->bu->do_upload('gbuku')) {
```

```
        $this->session->set_flashdata('alert', '<div class="alert
alert-danger"><button type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button>' . $this->bu->display_errors() . '</div>');
```

```
        redirect('admin/buku/add/');
```

```
    }
```

```
}
```

```

public function edit($id = 0)
{
    $data['title'] = 'Data Master';

    $data['kategori'] = $this->Mkategori->getKategori();

    $data['penerbit'] = $this->Mpenerbit->getPenerbit();

    $data['rak'] = $this->Mrak->getRak();

    $cek = $this->Mbuku->getDetailBuku($id);

    if ($cek->num_rows() > 0) {

        $data['b'] = $cek->row();

        $this->form_validation->set_rules('kategori', 'Kategori',
'required');

        $this->form_validation->set_rules('judul', 'Judul',
'required|min_length[3]|max_length[100]');

        $this->form_validation->set_rules('isbn', 'ISBN',
'required|min_length[17]|max_length[40]');

        $this->form_validation->set_rules('pengarang', 'Pengarang',
'required|min_length[3]|max_length[50]');

        $this->form_validation->set_rules('hal', 'Halaman',
'required|min_length[1]|max_length[4]|numeric');

        $this->form_validation->set_rules('jml', 'Jumlah',
'required|min_length[1]|max_length[4]|numeric');

```



```

        $this->form_validation->set_rules('thn', 'Thn Terbit',
'required|min_length[4]|max_length[4]|numeric');

        $this->form_validation->set_rules('sinopsis', 'Sinopsis',
'required|min_length[3]');

        $this->form_validation->set_rules('penerbit', 'Penerbit',
'required');

        $this->form_validation->set_rules('rak', 'Rak', 'required');

        if ($this->form_validation->run() == false) {

            $this->load->view('admin/bundle_header', $data);

            $this->load->view('admin/buku/edit', $data);

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

        } else {

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

            $namabuku = "";

            $namaebook = "";

            if ($_FILES['gbuku']['error'] <> 4) {

                //upload file buku

                $this->_uploadBuku();

                $d = $this->bu->data();

                $namabuku = $d['file_name'];

                unlink('buku/' . $data['b']->gambar);

            } else {

```

```

        $namabuku = $this->input->post('gambar');
    }

    if ($_FILES['ebook']['error'] <> 4) {

        //upload file ebook

        $this->_uploadEbooke($id);

        $e = $this->eb->data();

        $namaebook = $e['file_name'];

        unlink('ebook/' . $data['b']->ebook);

    } else {

        $namaebook = $this->input-
>post('ebooksrc');;

    }

    $params['data'] = $this->input->post('id');

    $params['level'] = 'H';

    $params['size'] = 10;

    $params['savename'] = FCPATH . 'qrcode/' . $this-
>input->post('id') . '.png';

    $this->ciqrcode->generate($params);

```

```

        $dataUp = array(

            'judul' => ucwords($this->input-
>post('judul')), 'isbn' => $this->input->post('isbn'),

            'pengarang' => ucwords($this->input-
>post('pengarang')), 'halaman' => $this->input->post('hal'),

            'jumlah' => $this->input->post('jml'),
            'thn_terbit' => $this->input->post('thn'), 'sinopsis' => ucfirst($this->input-
>post('sinopsis')),

            'id_kategori' => $this->input-
>post('kategori'), 'id_penerbit' => $this->input->post('penerbit'), 'id_rak' => $this-
>input->post('rak'), 'gambar' => $namabuku, 'ebook' => $namaebook

        );

        $this->Mbuku->updateData($this->input->post('id'),
        $dataUp);

        $this->session->set_flashdata('alert', '<div
class="alert alert-success"><b>Selamat</b>, data buku berhasil diubah.<button
type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button></div>');

        redirect('admin/buku');

    }

    } else {

        redirect('admin/buku');

    }

```

```

}

function _uploadEbooke($id)
{
    $config['upload_path'] = './ebook/';

    $config['allowed_types'] = 'pdf';

    $config['encrypt_name'] = true;

    $this->load->library('upload', $config, 'eb');

    if (!$this->eb->do_upload('ebook')) {

        $this->session->set_flashdata('alert', '<div class="alert
alert-danger"><button type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button>' . $this->eb->display_errors() . '</div>');

        redirect('admin/buku/edit/' . $id);

    }

}

function _uploadBukue($id)
{
    $config['upload_path'] = './buku/';

    $config['allowed_types'] = 'gif|jpg|png|jpeg';

    $config['encrypt_name'] = true;

    $this->load->library('upload', $config, 'bu');

    if (!$this->bu->do_upload('gbuku')) {

```

```

        $this->session->set_flashdata('alert', '<div class="alert
alert-danger"><button type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button>' . $this->bu->display_errors() . '</div>');

        redirect('admin/buku/edit/' . $id);

    }

}

public function delete($id = 0)
{

    $cek_buku = $this->Mpeminjaman->cekBuku($id);

    if ($cek_buku->num_rows() > 0) {

        $this->session->set_flashdata('alert', '<div class="alert
alert-danger"><b>Gagal</b>, data buku ini tidak bisa dihapus karena buku ini
pernah dipinjam.<button type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button></div>');

    } else {

        $b = $this->Mbuku->getDetailBuku($id)->row_array();

        unlink('buku/' . $b['gambar']);

        unlink('ebook/' . $b['ebook']);

        $this->Mbuku->deleteData($id);

    }

    redirect('admin/buku');
}

```

```
}
```

```
function download_ebook($filename)
```

```
{
```

```
    $this->load->helper('download');
```

```
    $file = base_url() . 'ebook/' . $filename;
```

```
    $data = file_get_contents($file);
```

```
    force_download($filename, $data);
```

```
}
```

```
function cetak_qrcode()
```

```
{
```

```
    $this->load->library('ciqrcode');
```

```
    $data['bar'] = $this->Mbuku->getBuku();
```

```
    $this->load->view('admin/buku/cetak_barcode', $data);
```

```
}
```

```
}
```

## Absensi.php

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

class Absensi extends CI_Controller {

    public function index(){

        $data['wp'] = $this->db->get_where('tb_web_profil', array('wp_id'
=> 1))->row();

        $this->load->view('template_header', $data);

        $this->load->view('absensi', $data);

        $this->load->view('template_footer');

    }

    public function absen_pengunjung(){

        $cek = $this->db->get_where('tb_anggota', array('id_anggota' =>
$this->input->post('id')))->row_array();

        if($cek){

            $dataIn = array('id_anggota' => $cek['id_anggota']);

            $insert = $this->db->insert('tb_buku_tamu', $dataIn);

            if($insert){

                $data['stat'] = true;

                $data['nm'] = $cek['nm_anggota'];

            }

        }else{

            $data['stat'] = false;

        }

    }

}
```

```
    }  
    echo json_encode($data);  
  }  
}
```

### **Peminjaman.php**

```
<?php if (!defined('BASEPATH')) exit('No direct script access allowed');  
  
class Peminjaman extends CI_Controller  
{  
    public function __construct()  
    {  
        parent::__construct();  
        if ($this->session->userdata('log_admin') != true) {  
            redirect('auth');  
        }  
        $this->load->model(array('Mpeminjaman', 'Manggota', 'Mbuku'));  
        $this->load->library('form_validation');  
    }  
    public function index()  
    {  
        $data['title'] = 'Data Transaksi';
```



```

        $data['buku'] = $this->Mpeminjaman->getPeminjaman();

        $this->load->view('admin/bundle_header', $data);

        $this->load->view('admin/peminjaman/view', $data);

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

    }

    public function add()

    {

        $data['title'] = 'Data Transaksi';

        $data['sp'] = $this->Mpeminjaman->getSp()->row();

        $data['buku'] = $this->Mbuku->getBuku();

        $data['anggota'] = $this->Manggota->getAnggota();

        $id = $this->Mpeminjaman->generateId();

        $data['id'] = $id;

        $this->form_validation->set_rules('id_anggota', 'anggota',
'required');

        $this->form_validation->set_rules('buku[]', 'Buku', 'required');

        $this->form_validation->set_rules('qty[]', 'Qty', 'required');

        if ($this->form_validation->run() == false) {

            $this->load->view('admin/bundle_header', $data);

            $this->load->view('admin/peminjaman/add', $data);

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

```

```

    } else {

        $buku = $this->input->post('buku');

        $qty = $this->input->post('qty');

        $dataIn = array('id_peminjaman' => $this->input-
>post('id'), 'tgl_pinjam' => $this->input->post('tglp'), 'tgl_kembali' => $this-
>input->post('tglk'), 'id_anggota' => $this->input->post('id_anggota'), 'keterangan'
=> ucfirst($this->input->post('keterangan')), 'status' => 'Pinjam');

        $insert = $this->Mpeminjaman->insertData($dataIn);

        $detail = [];

        for ($i = 0; $i < count($buku); $i++) {

            $this->db->query("UPDATE tb_buku SET jumlah
= jumlah - " . $qty[$i] . " WHERE id_buku = " . $buku[$i] . "");

            $detail = array(

                'id_peminjaman' => $this->input->post('id'),

                'id_buku' => $buku[$i],

                'qty' => $qty[$i]

            );

            $detailInput[] = $detail;

        }

        $this->db->insert_batch('tb_detail_pinjam', $detailInput);

        $this->session->set_flashdata('alert', '<div class="alert
alert-success"><b>Selamat</b>, data peminjaman buku berhasil

```

ditambahkan.<button type="button" class="close" data-dismiss="alert" aria-hidden="true">&times;</button></div>');

```
        redirect('admin/peminjaman');
```

```
    }
```

```
}
```

```
public function delete($id = 0)
```

```
{
```

```
    $this->Mpeminjaman->deleteData($id);
```

```
    redirect('admin/peminjaman');
```

```
}
```

```
public function verifikasi($id = 0)
```

```
{
```

```
    $this->Mpeminjaman->updateData($id, array('status' => 'Pinjam'));
```

```
    $this->session->set_flashdata('alert', '<div class="alert alert-success"><b>Selamat</b>, verifikasi peminjaman berhasil.<button type="button" class="close" data-dismiss="alert" aria-hidden="true">&times;</button></div>');
```

```
    redirect('admin/peminjaman');
```

```
}
```

```
public function get_data_buku()
```

```
{
```

```
    $b = $this->Mbuku->getDetailBuku($this->input->post('id'));
```

```
    if ($b->num_rows() > 0) {
```

```

        $data['d'] = $b->row();

        $data['stat'] = true;

    } else {

        $data['stat'] = false;

    }

    echo json_encode($data);

}

public function detail($id = 0)

{

    $data['title'] = 'Data Transaksi';

    $cP = $this->Mpeminjaman->getDetailPeminjaman($id);

    if ($cP->num_rows() > 0) {

        $data['p'] = $cP->row();

        $data['l'] = $this->Mpeminjaman-
>getListDetailPinjam($id)->result();

        $this->load->view('admin/bundle_header', $data);

        $this->load->view('admin/peminjaman/detail', $data);

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

    } else {

        redirect('admin/peminjaman');

    }

```

```
    }  
}
```

### **Penerbit.php**

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

```
class Penerbit extends CI_Controller {  
  
    public function __construct(){  
  
        parent::__construct();  
  
        if($this->session->userdata('log_admin') != true){  
  
            redirect('auth');  
  
        }  
  
        $this->load->model('Mpenerbit');  
  
        $this->load->model('Mbuku');  
  
        $this->load->library('form_validation');  
  
    }  
  
    public function index(){  
  
        $data['title'] = 'Data Master';  
  
        $data['penerbit'] = $this->Mpenerbit->getPenerbit();  
  
        $this->load->view('admin/boundle_header', $data);  
  
        $this->load->view('admin/penerbit/view', $data);  
  
        $this->load->view('admin/boundle_footer');
```

```

    }

    public function add(){

        $data['title'] = 'Data Master';

        $this->form_validation->set_rules('nama', 'Penerbit',
'required|min_length[3]|max_length[50]');

        if($this->form_validation->run() == false){

            $this->load->view('admin/bundle_header', $data);

            $this->load->view('admin/penerbit/add', $data);

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

        }else{

            $id = $this->Mpenerbit->generateId();

            $dataIn = array('id_penerbit' => $id, 'nm_penerbit' =>
ucwords($this->input->post('nama')));

            $insert = $this->Mpenerbit->insertData($dataIn);

            $this->session->set_flashdata('alert', '<div class="alert
alert-success"><b>Selamat</b>, data penerbit berhasil ditambahkan.<button
type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button></div>');

            redirect('admin/penerbit');

        }

    }

    public function edit($id=0){

        $data['title'] = 'Data Master';

```

```

$cek = $this->Mpenerbit->getDetailPenerbit($id);

if($cek->num_rows() > 0){

    $data['s'] = $cek->row();

    $this->form_validation->set_rules('nama', 'Penerbit',
'required|min_length[3]|max_length[50]');

    if($this->form_validation->run() == false){

        $this->load->view('admin/bundle_header', $data);

        $this->load->view('admin/penerbit/edit', $data);

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

    }else{

        $dataUp = array('nm_penerbit' => ucwords($this-
>input->post('nama')));

        $this->Mpenerbit->updateData($this->input-
>post('id'), $dataUp);

        $this->session->set_flashdata('alert', '<div
class="alert alert-success"><b>Selamat</b>, data penerbit berhasil
diubah.<button type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button></div>');

        redirect('admin/penerbit');

    }

}

}

```

```

        redirect('admin/penerbit');
    }
}

public function delete($id=0){

    $cek_penerbit = $this->Mbuku->cekPenerbit($id);

    if($cek_penerbit->num_rows() > 0){

        $this->session->set_flashdata('alert', '<div class="alert
alert-danger"><b>Gagal</b>, data penerbit ini tidak bisa dihapus karena telah
digunakan di data buku.<button type="button" class="close" data-dismiss="alert"
aria-hidden="true">&times;</button></div>');

    }else{

        $this->Mpenerbit->deleteData($id);

    }

    redirect('admin/penerbit');

}
}

```

### **pengembalian.php**

```

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

class Pengembalian extends CI_Controller {

    public function __construct(){

        parent::__construct();
    }
}

```



```

        if($this->session->userdata('log_admin') != true){

            redirect('auth');

        }

        $this->load->model(array('Mpengembalian', 'Mpeminjaman'));

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

    }

    public function index(){

        $data['title'] = 'Data Transaksi';

        $data['pengembalian'] = $this->Mpengembalian-
>getPengembalian();

        $this->load->view('admin/bundle_header', $data);

        $this->load->view('admin/pengembalian/view', $data);

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

    }

    public function add(){

        $data['title'] = 'Data Transaksi';

        $data['pinjam'] = $this->Mpeminjaman->getListByStatPinjam();

        $this->form_validation->set_rules('idpinjam', 'ID Peminjaman',
'required');

        if($this->form_validation->run() == false){

            $this->load->view('admin/bundle_header', $data);

            $this->load->view('admin/pengembalian/add', $data);

```

```

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

    }else{

        $dataIn = array('id_peminjaman' => $this->input-
>post('idpinjam'), 'tgl_pengembalian' => date('Y-m-d'), 'denda' => $this->input-
>post('denda'), 'id_admin' => $this->session->userdata('id'));

        $this->Mpengembalian->insertData($dataIn);

        $this->Mpeminjaman->updateData($this->input-
>post('idpinjam'), array('status' => 'Kembali'));

        $bp = $this->Mpeminjaman->getListDetailPinjam($this-
>input->post('idpinjam'))->result_array();

        foreach ($bp as $k) {

            $this->db->query("UPDATE tb_buku SET jumlah
= jumlah + ".$k['qty']." WHERE id_buku = ".$k['id_buku']." ");

        }

        $this->session->set_flashdata('alert', '<div class="alert
alert-success"><b>Selamat</b>, data pengembalian buku berhasil
ditambahkan.<button type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button></div>');

        redirect('admin/pengembalian');

    }

}

public function delete($id=0){

    $this->Mpengembalian->deleteData($id);

    redirect('admin/pengembalian');
}

```

```

    }

    public function get_denda(){

        $d = $this->db->get_where('tb_set_pinjam', array('sp_id' => 1))-
>row();

        $p = $this->db->get_where('tb_peminjaman',
array('id_peminjaman' => $this->input->post('id'))->row());

        $data['tglp'] = $p->tgl_pinjam;

        $data['tglk'] = $p->tgl_kembali;

        $tgl1 = new DateTime($p->tgl_kembali);

        $tgl2 = new DateTime(date('Y-m-d'));

        if($p->tgl_kembali < date('Y-m-d')){

            $selisih = $tgl2->diff($tgl1);

            $durasi = $selisih->days;

            $data['telat'] = $durasi;

            $data['denda'] = $durasi * $d->sp_denda;

        }else{

            $data['telat'] = 0;

            $data['denda'] = 0;

        }

        echo json_encode($data);

    }

```

```

public function tampil_buku_pinjam(){

    $d = $this->Mpeminjaman->getListDetailPinjam($this->input-
>post('id'))->result();

    $no = 1;

    $ttl = 0;

    foreach ($d as $k) {

        $ttl += $k->qty;

        echo '<tr><td>'. $no. '</td><td>'. $k-
>id_buku. '</td><td>'. $k->judul. '</td><td>'. $k->isbn. '</td><td>'. $k-
>pengarang. '</td><td>'. $k->qty. '</td></tr>';

        $no++;

    }

    echo '<tr><td colspan="5"><b>Total buku yang
dipinjam</b></td><td><b>'. $ttl. '</b></td></tr>';

    }

}

```

### **kelas.php**

```

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

class Kelas extends CI_Controller {

    public function __construct(){

        parent::__construct();

    }

}

```

```

        if($this->session->userdata('log_admin') != true){
            redirect('auth');
        }

        $this->load->model(array('Mkelas', 'Manggota'));

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

    public function index(){

        $data['title'] = 'Data Master';

        $data['kelas'] = $this->Mkelas->getkelas();

        $this->load->view('admin/bundle_header', $data);

        $this->load->view('admin/kelas/view', $data);

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

    public function add(){

        $data['title'] = 'Data Master';

        $this->form_validation->set_rules('nama', 'kelas',
'required|min_length[3]|max_length[50]|is_unique[tb_kelas.nm_kelas]');

        if($this->form_validation->run() == false){

            $this->load->view('admin/bundle_header', $data);

            $this->load->view('admin/kelas/add', $data);

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

```

```

    }else{

        $dataIn = array('nm_kelas' => ucwords($this->input-
>post('nama')));

        $insert = $this->Mkelas->insertData($dataIn);

        $this->session->set_flashdata('alert', '<div class="alert
alert-success"><b>Selamat</b>, data kelas berhasil ditambahkan.<button
type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button></div>');

        redirect('admin/kelas');

    }

}

public function edit($id=0){

    $data['title'] = 'Data Master';

    $cek = $this->Mkelas->getDetailkelas($id);

    if($cek->num_rows() > 0){

        $data['s'] = $cek->row();

        $this->form_validation->set_rules('nama', 'kelas',
'required|min_length[3]|max_length[50]');

        if($this->form_validation->run() == false){

            $this->load->view('admin/bundle_header', $data);

            $this->load->view('admin/kelas/edit', $data);

```



digunakan di data anggota.<button type="button" class="close" data-dismiss="alert" aria-hidden="true">&times;</button></div>');

```
        }else{  
            $this->Mkelas->deleteData($id);  
        }  
        redirect('admin/kelas');  
    }  
}
```

### **kategori.php**

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

```
class Kategori extends CI_Controller {  
    public function __construct(){  
        parent::__construct();  
        if($this->session->userdata('log_admin') != true){  
            redirect('auth');  
        }  
        $this->load->model('Mkategori');  
        $this->load->model('Mbuku');  
        $this->load->library('form_validation');  
    }  
}
```



```

public function index(){

    $data['title'] = 'Data Master';

    $data['kategori'] = $this->Mkategori->getKategori();

    $this->load->view('admin/boundle_header', $data);

    $this->load->view('admin/kategori/view', $data);

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

}

public function add(){

    $data['title'] = 'Data Master';

    $this->form_validation->set_rules('nama', 'Kategori',
'required|min_length[3]|max_length[50]|is_unique[tb_kategori.nm_kategori]');

    if($this->form_validation->run() == false){

        $this->load->view('admin/boundle_header', $data);

        $this->load->view('admin/kategori/add', $data);

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

    }else{

        $id = $this->Mkategori->generateId();

        $dataIn = array('id_kategori' => $id, 'nm_kategori' =>
ucwords($this->input->post('nama')));

        $insert = $this->Mkategori->insertData($dataIn);

        $this->session->set_flashdata('alert', '<div class="alert
alert-success"><b>Selamat</b>, data kategori berhasil ditambahkan.<button

```

```

type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button></div>');

        redirect('admin/kategori');

    }

}

public function edit($id=0){

    $data['title'] = 'Data Master';

    $cek = $this->Mkategori->getDetailKategori($id);

    if($cek->num_rows() > 0){

        $data['s'] = $cek->row();

        $this->form_validation->set_rules('nama', 'Kategori',
'required|min_length[3]|max_length[50]');

        if($this->form_validation->run() == false){

            $this->load->view('admin/bundle_header', $data);

            $this->load->view('admin/kategori/edit', $data);

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

        }else{

            $dataUp = array('nm_kategori' => ucwords($this-
>input->post('nama')));

            $this->Mkategori->updateData($this->input-
>post('id'), $dataUp);

```

```

        $this->session->set_flashdata('alert', '<div
class="alert alert-success"><b>Selamat</b>, data kategori berhasil
diubah.<button type="button" class="close" data-dismiss="alert" aria-
hidden="true">&times;</button></div>');

        redirect('admin/kategori');

    }

    }else{

        redirect('admin/kategori');

    }

}

public function delete($id=0){

    $cek_kategori = $this->Mbuku->cekKategori($id);

    if($cek_kategori->num_rows() > 0){

        $this->session->set_flashdata('alert', '<div class="alert
alert-danger"><b>Gagal</b>, data kategori ini tidak bisa dihapus karena telah
digunakan di data buku.<button type="button" class="close" data-dismiss="alert"
aria-hidden="true">&times;</button></div>');

    }else{

        $this->Mkategori->deleteData($id);

    }

    redirect('admin/kategori');

}

}

```



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### SURAT KESEPAKATAN BIMBINGAN LAPORAN AKHIR

Saya yang bertanda tangan dibawah ini :

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Pihak Kedua

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NIP : 197005232005011004  
Jurusan/Prodi : Teknik Komputer/D3 Teknik Komputer

Pada hari ini Jumat tanggal 21-01-2022 Telah sepakat untuk melakukan konsultasi bimbingan Laporan Akhir.

Isi kesepakatan :

1. Konsultasi bimbingan sekurang-kurangnya 1(kali) dalam 1(satu) minggu.
2. Pelaksanaan bimbingan pada setiap hari Selasa pukul 15.00 wib tempat di Politeknik Negeri Sriwijaya.

Demikianlah kesepakatan ini dibuat dengan penuh kesadaran guna kelancaran penyelesaian Laporan Akhir.

Pihak Pertama,

(Fitriana Anisa )  
NIM. 061930701613

Palembang, Maret 2022

Pihak Kedua,

(Azwardi, S.T, M.T)  
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Mengetahui,

Ketua Jurusan Teknik Komputer,

Azwardi, S.T., M.T  
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Saya yang bertanda tangan dibawah ini :

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Pihak Kedua

Nama : Mustaziri, S.T, M.Kom

NIP : 196909282005011002

Jurusan/Prodi : Teknik Komputer/D3 Teknik Komputer

Pada hari ini Kamis.. tanggal 24-01-2022.. Telah sepakat untuk melakukan konsultasi bimbingan Laporan Akhir.

Isi kesepakatan :

1. Konsultasi bimbingan sekurang-kurangnya 1(kali) dalam 1(satu) minggu.
2. Pelaksanaan bimbingan pada setiap hari Rabu..... pukul 10.00 wib tempat di Politeknik Negeri Sriwijaya.

Demikianlah kesepakatan ini dibuat dengan penuh kesadaran guna kelancaran penyelesaian Laporan Akhir.

Pihak Pertama,

(Fitriana Anisa )  
NIM. 061930701613

Palembang, Maret 2022

Pihak Kedua,

(Mustaziri, S.T, M.Kom)  
NIP. 196909282005011002

Mengetahui,

Ketua Jurusan Teknik Komputer,

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No.	Tanggal	Uraian Bimbingan	Keterangan	Paraf Pembimbing
1.	8 Juni 2022	Revisi bab I - Revisi manfaat - later belakngans.		
2.	14 Juni 2022	Acc bab I		
3.	16 Juni 2022	Revisi bab II		
4.	20 Juni 2022	Acc bab II		
5.	28 Juni 2022	Revisi bab III - Revisi flowchart		
6.	4 Juli 2022	- Acc bab III - Acc bab IV		
7.	5 Juli 2022	- Acc bab V		

Palembang, 5 Juli 2022  
Mengetahui,  
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NIP 19700523200501004



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Dosen Pembimbing II : Mustaziri, S.T., M.Kom

No.	Tanggal	Uraian Bimbingan	Keterangan	Paraf Pembimbing
1.	9 Juni 2022	Revisi bab I - Revisi latar belakang - manfaat		7
2.	13 Juni 2022	Acc bab I		7
3.	15 Juni 2022	Revisi bab II - membuat tabel penelitian		7
4.	20 Juni 2022	Acc bab II		7
5.	28 Juni 2022	Revisi bab III - Revisi flowchart		7
6.	30 Juni 2022	- Acc bab III - Acc bab IV		7
7.	4 Juli 2022	- Revisi bab V Revisi kesimpulan		7
8.	5 Juli 2022	- Acc bab 5 - cek tagline dan LA		7

Palembang, 5 Juli 2022  
Mengetahui,  
Ketua Jurusan Teknik Komputer

Azwardi, S.T., M.T  
NIP 19700523200501004



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**REKOMENDASI UJIAN LAPORAN AKHIR (LA)**

Pembimbing Laporan Akhir memberikan rekomendasi kepada,

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Jurusan/Program Studi : Teknik Komputer/ D III Teknik Komputer  
Judul Laporan Akhir : Aplikasi Perpustakaan Berbasis Web di SMP Negeri  
54 Palembang

Mahasiswa tersebut telah memenuhi persyaratan dan dapat mengikuti Ujian  
Laporan Akhir (LA) pada Tahun Akademik 2022.

Palembang, Juli 2021

Pembimbing I,

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**REKOMENDASI UJIAN LAPORAN AKHIR (LA)**

Pembimbing Laporan Akhir memberikan rekomendasi kepada,



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Judul Laporan Akhir : Aplikasi Perpustakaan Berbasis Web di SMP Negeri  
54 Palembang

Mahasiswa tersebut telah memenuhi persyaratan dan dapat mengikuti Ujian  
Laporan Akhir (LA) pada Tahun Akademik 2022.

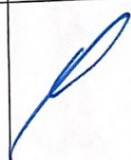
Palembang, Juli 2021

Pembimbing II,

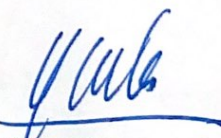
Mustaziri, S.T., M.Kom  
NIP. 196909282005011002



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<b>REVISI TUGAS AKHIR (TA)</b>		

Dosen Penguji : Yulian Mirza, ST., M.Kom  
 Nama Mahasiswa : Fitriana Anisa  
 NIM : 061930701613  
 Jurusan /Program Studi : Teknik Komputer / D III Teknik komputer  
 Judul LA/ Skripsi : Aplikasi Perpustakaan Berbasis Web di SMP Negeri 54 Palembang

No	Uraian Revisi	Paraf
	<ul style="list-style-type: none"> <li>- fatal tulis</li> <li>- Kesimpulan 1, 2 digabung + kesimpulan</li> </ul>	

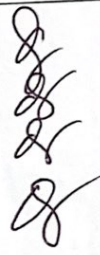
Palembang, 2022  
 Dosen Penguji,

  
 (Yulian Mirza, ST., M.Kom)  
 NIP.196607121990031003

No. Dok. :	Tgl. Berlaku :	No. Rev. :
	KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN, RISET DAN TEKNOLOGI <b>POLITEKNIK NEGERI SRIWIJAYA</b> Jalan Srijaya Negara, Palembang 30139. Telp. 0711-353414 Website : <a href="http://www.polsri.ac.id">www.polsri.ac.id</a> E-mail : <a href="mailto:info@polsri.ac.id">info@polsri.ac.id</a>	

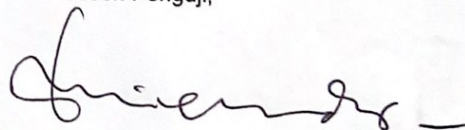
**REVISI TUGAS AKHIR (TA)**

Dosen Penguji : Meiyi Darlies, S.Kom.,M.Kom  
 Nama Mahasiswa : Fitriana Anisa  
 NIM : 061930701613  
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 Judul LA/ Skripsi : Aplikasi Perpustakaan Berbasis Web di SMP Negeri 54 Palembang




No	Uraian Revisi	Paraf
	Tambahkan Pembahasan program Tambahkan Arsitektur aplikasi Perbaiki latar Belakang (A Metode/Cara Menyelesaikan Masalah Perbaiki BAB II	

Palembang, 2022

Dosen Penguji,



(Meiyi Darlies, S.Kom.,M.Kom)  
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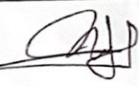
No	Uraian Revisi	Paraf
	<i>Isi program dan kams. 10 kpm. Jan 10. 2022.</i>	

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No	Uraian Revisi	Paraf
	Perbaiki bab I, II, III, IV, V	




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 Judul LA/ Skripsi : Aplikasi Perpustakaan Berbasis Web di SMP Negeri 54 Palembang

No	Uraian Revisi	Paraf
1	Gantikan aplikasi mendeley Untuk <del>meny</del> mengelola daftar pustaka	
2.	Sistem perpustakaan harus menunjang seluruh bisnis proses di perpustakaan.	
3.	Perbaiki catatan yang sudah dibuat di laporan	

Palembang, 2022  
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Judul Laporan KP : Aplikasi Perpustakaan Berbasis Web di SMP Negeri 54 Palembang

Telah melaksanakan revisi terhadap Laporan Akhir (LA) yang diseminarkan pada hari KAMIS  
tanggal 20 bulan Juli tahun 2022. Pelaksanaan revisi terhadap Laporan Akhir  
tersebut telah disetujui oleh Dosen Penilai yang memberikan revisi:

No.	Komentar	Nama Dosen Penilai *)	Tanggal	Tanda Tangan
1	Acc	Yulian Mirza, S.T., M.Kom		
2	Acc	Meiyi Darlies, M.Kom		
3	OK	Alan Novi Tomponu, S.T., M.T	24/8 22	
4	OK	Hartati Deviana, S.T., M.Kom		
5	Acc	Rian Rahmanda Putra, M.Kom	26/8 - 22	

Palembang, 26 Agustus 2022

Ketua Penilai \*\*)

Yulian Mirza, ST., M.Kom  
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