LAPORAN FINAL PROJECT
PEMROGAMAN FRAMEWORK
SISTEM INFORMASI PERPUSTAKAAN

Disusun :

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SEKOLAH TINGGI MANAJEMEN INFORMATIKA &
KOMPUTER (STMIK) PALAGKARAYA
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A. Crud Buku

1. Database Buku

2. Model,View,Controller (MVC) Buku

   a. BukuModel.php

```php
<?php

namespace App\Models;

use CodeIgniter\Model;

class BukuModel extends Model
{
    protected $table = "buku";
    protected $primaryKey = "id_buku";
    protected $returnType = "object";
    protected $useTimestamps = true;
    protected $allowedFields = ['id_buku', 'judul', 'pengarang',
'penerbit','tahun','foto'];
}
```

b. Pada bagian Buku mempunyai 4 view yaitu :

- Buku.php

```php
<?= $this->extend('layout/dashboard-layout'); ?>
<?= $this->section('content'); ?>
<!-- /.card-header -->
<div class="card-body">

<?php if (!empty(session()->getFlashdata('message'))) : ?>
<div class="alert alert-success alert-dismissible fade show"role="alert">
<?php echo session()->getFlashdata('message'); ?>

<button type="button" class="close" data-dismiss="alert" aria-label="Close">

<span aria-hidden="true">&times;</span>
</button>
</div>
<?php endif; ?>
<a href="<?= base_url('/buku/create'); ?>" class="btn btn-primary">Tambah</a>
<hr />
<table class="table table-bordered">
<thead>
<tr>
<th>No</th>
<th>Sampul</th>
<th>ID Buku</th>
<th>Judul</th>
<th>Pengarang</th>
<th>Penerbit</th>
<th>Tahun</th>
<th>Action</th>
</tr>
</thead>
<tbody>
```

```php
<?php
$no = 1 + 3 * ($currentPage - 1);
foreach ($buku as $row)
{
?>
<tr>
<td><?= $no++; ?></td>
<td><img class="sampul" src="/img/<?= $row->foto; ?>"></td>
<td><?= $row->id_buku; ?></td>
<td><?= $row->judul; ?></td>
<td><?= $row->pengarang; ?></td>
<td><?= $row->penerbit; ?></td>
<td><?= $row->tahun; ?></td>
<td>
<a title="View" href="<?=base_url("buku/view/$row->id_buku"); ?>"
class="btn btn-info">View</a>
<a title="Edit" href="<?= base_url("buku/edit/$row->id_buku"); ?>"
class="btn btn-info">Edit</a>
<a title="Delete" href="<?=base_url("buku/delete/$row->id_buku") ?>"
class="btn btn-danger"onclick="return confirm('Apakah Anda yakin ingin
menghapus data?')">Delete</a>
</td>

</tr>
<?php
}
?>
</tbody>
</table>
<?= $pager->links('buku','buku_pagination') ?>
</div>
<!-- /.card-body -->
<?= $this->endSection('content'); ?>
```

- Buku_create.php

```php
<?= $this->extend('layout/dashboard-layout'); ?>
<?= $this->section('content'); ?>
<div class="col-md-10">
<!-- general form elements -->
<div class="card card-primary">
<div class="card-header">
<h3 class="card-title">Tambah Data Buku</h3>
</div>


<!-- /.card-header -->
<!-- form start -->
<?php if (!empty(session()->getFlashdata('error'))) : ?>
<div class="alert alert-light alert-dismissible fade show" role="alert">
<h4 class="alert-heading">Periksa Entrian Form</h4>
<hr />
<?php echo session()->getFlashdata('error'); ?>
<button type="button" class="close" data-dismiss="alert" aria-label="Close">
<span aria-hidden="true">&times;</span>
</button>
</div>
<?php endif; ?>


<form class="form-horizontal" method="post"
action="<?=base_url('buku/store')?>" enctype="multipart/form-data">
<?= csrf_field(); ?>
<div class="card-body">
<div class="form-group row">
<label for="id_buku" class="col-sm-2 col-form- label">Id Buku</label>
<div class="col-sm-6">
<input type="text" class="form-control" id="id_buku" name="id_buku"
placeholder="id buku" value="<?= old('id_buku'); ?>">
</div>
</div>
```

```html
<div class="form-group row">
<label for="judul" class="col-sm-2 col-form- label">Judul</label>
<div class="col-sm-6">
<input type="text" class="form-control" id="judul" name="judul"
value="<?= old('judul'); ?>">
</div>
</div>

<div class="form-group row">
<label for="pengarang" class="col-sm-2 col-form-
label">Pengarang</label>
<div class="col-sm-6">
<input type="text" class="form-control" id="pengarang"
name="pengarang" value="<?= old('pengarang'); ?>">
</div>
</div>

<div class="form-group row">
<label for="penerbit" class="col-sm-2 col-form- label">Penerbit</label>
<div class="col-sm-6">
<input type="text" class="form-control" id="penerbit" name="penerbit"
value="<?= old('penerbit'); ?>">
</div>
</div>

<div class="form-group row">
<label for="tahun" class="col-sm-2 col-form-label">Tahun</label>
<div class="col-sm-6">
<input type="text" class="form-control" id="tahun"name="tahun"
value="<?= old('tahun') ?>" />
</div>
</div>

<div class="form-group row">
```

```html
<label for="foto" class="col-sm-2 col-form-label">Foto Sampul
Buku</label>
<div class="custom-file col-sm-6">
<input type="file" class="custom-file-input" id="foto" name="foto">
<label class="custom-file-label" for="foto">Pilih Foto</label>
</div>
</div>


</div>
<!-- /.card-body -->
<div class="card-footer">
<button type="submit" class="btn btn-primary btn-
block">Simpan</button>


</div>
<!-- /.card-footer -->
</form>


</div>
<!-- /.card -->
</div>
<?= $this->endSection('content'); ?>
```

- Buku_edit.php

```php
<?= $this->extend('layout/dashboard-layout'); ?>
<?= $this->section('content'); ?>
<div class="col-md-10">
<!-- general form elements -->
<div class="card card-primary">
<div class="card-header">
<h3 class="card-title">Edit Data buku</h3>
</div>


<!-- /.card-header -->
<!-- form start -->
```

```php
<?php if (!empty(session()->getFlashdata('error'))) : ?>
<div class="alert alert-light alert-dismissible fade show" role="alert">
<h4 class="alert-heading">Periksa Entrian Form</h4>
</hr />
<?php echo session()->getFlashdata('error'); ?>
<button type="button" class="close" data-dismiss="alert" aria-
label="Close">
<span aria-hidden="true">&times;</span>
</button>
</div>
<?php endif; ?>


<form class="form-horizontal" method="post"
action="<?=base_url('buku/update/' . $buku->id_buku)
?>"enctype="multipart/form-data">
<?= csrf_field(); ?>
<div class="card-body">



<div class="form-group row">
<label for="nama" class="col-sm-2 col-form- label">Judul</label>
<div class="col-sm-6">
<input type="text" class="form-control" id="judul" name="judul"
value="<?= $buku->judul; ?>">
</div>
</div>


<div class="form-group row">
<label for="jurusan" class="col-sm-2 col-form- label">Pengarang</label>
<div class="col-sm-6">
<input type="text" class="form-control" id="pengarang"
name="pengarang" value="<?= $buku->pengarang; ?>">
</div>
</div>
```

```html
<div class="form-group row">
<label for="jenis_kelamin" class="col-sm-2 col-form-label">Penerbit</label>
<div class="col-sm-6">
<input type="text" class="form-control" id="penerbit" name="penerbit" value="<?= $buku->penerbit; ?>">
</div>
</div>

<div class="form-group row">
<label for="no_telp" class="col-sm-2 col-form-label">Tahun</label>
<div class="col-sm-6">
<input type="text" class="form-control" id="tahun"name="tahun" value="<?= $buku->tahun; ?>" />
</div>
</div>

<div class="form-group row">
<label for="foto" class="col-sm-2 col-form-label">Foto Sampul</label>
<div class="custom-file col-sm-6">
<input type="file" class="custom-file-input" id="foto" name="foto">
<label class="custom-file-label" for="foto">Pilih Foto</label>
</div>
<?php if (!empty($buku->foto)) : ?>
<input type="hidden" id="fotolama" name="fotolama" value="<?=$buku->foto; ?>">

<div class="card-body box-profile col-sm-9">
<div class="text-right">

<img class="profile-user-img img-fluid img-circle" src="/img/<?=$buku->foto; ?>" alt="User profile picture">

</div>
```

```php
</div>
<?php endif; ?>
</div>
</div>

</div>
<!-- /.card-body -->
<div class="card-footer">
<button type="submit" class="btn btn-primary btn-
block">Simpan</button>

</div>
<!-- /.card-footer -->
</form>

</div>
<!-- /.card -->
</div>
<?= $this->endSection('content'); ?>
```

- Buku_view.php

```php
<?= $this->extend('layout/dashboard-layout'); ?>
<?= $this->section('content'); ?>
<div class="col-md-12">
<!-- general form elements -->
<section class="content">
<div class="container-fluid">
<div class="row">
<!-- /.card-header -->
<!-- form start -->
<div class="col-md-3">
<!-- Profile Image -->
<div class="card card-primary card-outline">
<div class="card-body box-profile">
<div class="text-center">
```

```php
<img class="profile-user-img img-fluid img-square" src="/img/<?=$buku-
>foto; ?>" alt="User profile picture">
</div>
<h3 class="profile-username text-center"><?=$buku->judul; ?></h3>
<p class="text-muted text-center"><?= $buku->id_buku; ?></p>
</div>
<!-- /.card-body -->
</div>
<!-- /.card -->
</div>
<div class="col-md-9">
<div class="card card-primary">
<div class="card-header">
<h3 class="card-title">About Book</h3>
</div>
<!-- /.card-header -->
<div class="card-body">
<strong><i class="fas fa-book mr-1"></i> Judul</strong>
<p class="text-muted"> <?= $buku->judul; ?>
</p>
<hr>
<strong><i class="fas fa-user -alt mr-1"></i> Pengarang</strong>
<p class="text-muted"><?= $buku->pengarang;
?></p>
<hr>
<strong><i class="fas fa-map-marker-alt mr-1"></i> Penerbit</strong>
<p class="text-muted"><?= $buku->penerbit; ?></p>
<hr>
<strong><i class="far fa-calendar-alt mr-1"></i> Tahun</strong>
<p class="text-muted"><?= $buku->tahun;
?></p>

</div>
<!-- /.card-body -->
</div>
```

```html
<!-- /.card -->
</div>
</div>
<!-- /.card -->
</div>
</div>
<?= $this->endSection('content'); ?>
```

c. Controller Buku

```php
<?php

namespace App\Controllers;

use App\Models\BukuModel;

class buku extends BaseController
{
    protected $buku;

    function __construct()
    {

        $this->buku = new BukuModel();
        $this->pager = \Config\Services::pager();
    }

    public function index()
    {
        $currentPage = $this->request->getVar('page_buku') ? $this->request->getVar('page_buku') : 1;

     $data=[
        'pageTitle' => 'Data Buku',
        'buku'  => $this->buku->paginate(3, 'buku'),
        'pager'  => $this->buku->pager,
```

```php
    'currentPage' => $currentPage

];
    return view('dashboard/buku', $data);

}
public function create()

{
$data['pageTitle'] = 'Input Data Buku';

return view('dashboard/buku_create', $data);

}

public function store()

{
if (!$this->validate([

'id_buku' => [

'rules' => 'required',

'errors' => [

'required' => '{field} Harus diisi'

]

],

'judul' => [

'rules' => 'required',

'errors' => [

'required' => '{field} Harus diisi'

]

],

'pengarang' => [

'rules' => 'required',

'errors' => [

'required' => '{field} Harus diisi'

]

],

'penerbit' => [

'rules' => 'required',
```

```php
        'errors' => [
        'required' => '{field} Harus diisi'
        ]
        ],
        'tahun' => [
        'rules' => 'required',
        'errors' => [
        'required' => '{field} Harus diisi'
        ]
        ],
        'foto' => [
        'rules' =>
'uploaded[foto]|mime_in[foto,image/jpg,image/jpeg,image/gif,image/png]|max_
size[foto,1024]',
        'errors' => [
        'uploaded' => 'Harus Ada File yang diupload',
        'mime_in' => 'File Extention Harus Berupa jpg,jpeg,gif,png',
        'max_size' => 'Ukuran File Maksimal 1 MB'
        ]
        ],

        ])) {
        session()->setFlashdata('error', $this->validator->listErrors());
        return redirect()->back()->withInput();
        }
        $filefoto = $this->request->getFile('foto');
        $namaFilefoto = $filefoto->getRandomName();
        $filefoto->move('img', $namaFilefoto);

        $this->buku->insert([
        'id_buku' => $this->request->getVar('id_buku'),
        'judul' => $this->request->getVar('judul'),
        'pengarang' => $this->request->getVar('pengarang'),
        'penerbit' => $this->request->getVar('penerbit'),
        'tahun' => $this->request->getVar('tahun'),
```

```php
'foto'  =>$namaFilefoto


]);
session()->setFlashdata('message', 'Tambah Data Buku
Berhasil');
return redirect()->to('/buku');
}

function edit($id_buku)
{
$dataBuku = $this->buku->find($id_buku);
if (empty($dataBuku)) {
throw new
\CodeIgniter\Exceptions\PageNotFoundException('Data Buku
Tidak ditemukan !');
}
$data['pageTitle'] = 'Edit Data Buku';
$data['buku'] = $dataBuku;
return view('dashboard/buku_edit', $data);
}
public function update($id_buku)
{
if (!$this->validate([
'judul' => [
'rules' => 'required',
'errors' => [
'required' => '{field} Harus diisi'
]
],
'pengarang' => [
'rules' => 'required',
'errors' => [
'required' => '{field} Harus diisi'
]
```

```php
        ],

        'penerbit' => [
        'rules' => 'required',
        'errors' => [
        'required' => '{field} Harus diisi'
        ]
        ],
        'tahun' => [
        'rules' => 'required',
        'errors' => [
        'required' => '{field} Harus diisi'
        ]
        ],
        'foto' => [
        'rules' =>
'uploaded[foto]|mime_in[foto,image/jpg,image/jpeg,image/gif,image/png]|max_
size[foto,1024]',
        'errors' => [
        'uploaded' => 'Harus Ada File yang diupload',
        'mime_in' => 'File Extention Harus Berupa jpg,jpeg,gif,png',
        'max_size' => 'Ukuran File Maksimal 1 MB'
        ]
        ],

])) {
session()->setFlashdata('error', $this->validator->listErrors());
return redirect()->back();
}

$filefoto = $this->request->getFile('foto');
$namaFilefoto = $filefoto->getRandomName();
$filefoto->move('img', $namaFilefoto);

$this->buku->update($id_buku, [
```

```php
'judul' => $this->request->getVar('judul'),

'pengarang' => $this->request->getVar('pengarang'),

'penerbit' => $this->request->getVar('penerbit'),

'tahun' => $this->request->getVar('tahun'),

'foto'  =>$namaFilefoto


]);
session()->setFlashdata('message', 'Update Data Buku Berhasil');
return redirect()->to('/buku');
}


 function delete($id_buku)

{
$dataBuku = $this->buku->find($id_buku);
if (empty($dataBuku)) {
throw new
\CodeIgniter\Exceptions\PageNotFoundException('Data Buku Tidak ditemukan
!');
}
$this->buku->delete($id_buku);
session()->setFlashdata('message', 'Delete Data Buku Berhasil');
return redirect()->to('/buku');

}


public function view($id_buku)
 {
$dataBuku = $this->buku->find($id_buku);
if (empty($dataBuku)) {
throw new
\CodeIgniter\Exceptions\PageNotFoundException('Data Buku Tidak ditemukan
!');
}
$data['pageTitle'] = 'Data Buku';
$data['buku'] = $dataBuku;
```

```
return view('dashboard/buku_view', $data);

}


}
```

3. Menambahkan pagination atau pager pada buku

   a. Pada bagian controller buku kita tambahkan seperti ini

```php
 public function index()

   {

   $currentPage = $this->request->getVar('page_buku') ? $this->request->getVar('page_buku') : 1;

   $data=[

    'pageTitle' => 'Data Buku',

    'buku'  => $this->buku->paginate(3, 'buku'),

    'pager'  => $this->buku->pager,

    'currentPage' => $currentPage
```

   b. Pada bagian view buku kita tambahkan koding sperti ini di bawah "</table>"

```php
<?= $pager->links('buku','buku_pagination') ?>
```

   c. Pada bagian Config/pager tambahkan seperti ini

```php
public $templates = [

      'default_full'   => 'CodeIgniter\Pager\Views\default_full',

      'default_simple' => 'CodeIgniter\Pager\Views\default_simple',

      'default_head'   => 'CodeIgniter\Pager\Views\default_head',

      'buku_pagination' => 'App\Views\Pagers\buku_pagination'
```

   d. Lalu buat folder pager dan buat file BukuPagination.php di dalam folder view dan koding nya seperti ini

```php
<?php $pager->setSurroundCount(2) ?>


<nav aria-label="Page navigation">

   <ul class="pagination">

   <?php if ($pager->hasPrevious()) : ?>
```

```php
        <li class="page-item">
          <a class="page-link" href="<?= $pager->getFirst() ?>" aria-label="<?=
lang('Pager.first') ?>">
            <span aria-hidden="true"><?= lang('Pager.first') ?></span>
          </a>
        </li>
        <li class="page-item">
          <a class="page-link" href="<?= $pager->getPrevious() ?>" aria-
label="<?= lang('Pager.previous') ?>">
            <span aria-hidden="true"><?= lang('Pager.previous') ?></span>
          </a>
        </li>
      <?php endif ?>

      <?php foreach ($pager->links() as $link) : ?>
        <li class="page-item <?= $link['active'] ? 'active' : '' ?>">
          <a class="page-link" href="<?= $link['uri'] ?>">
            <?= $link['title'] ?>
          </a>
        </li>
      <?php endforeach ?>

      <?php if ($pager->hasNext()) : ?>
        <li class="page-item">
          <a class="page-link" href="<?= $pager->getNext() ?>" aria-label="<?=
lang('Pager.next') ?>">
            <span aria-hidden="true"><?= lang('Pager.next') ?></span>
          </a>
        </li>
        <li class="page-item">
          <a class="page-link" href="<?= $pager->getLast() ?>" aria-label="<?=
lang('Pager.last') ?>">
            <span aria-hidden="true"><?= lang('Pager.last') ?></span>
          </a>
        </li>
```

```
    <?php endif ?>
    </ul>
</nav>
```

B. Crud Transaksi

1. Database Transaksi

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id_pinjaman	varchar(11)	utf8mb4_general_ci		No	None			Change Drop More
2	nama_peminjam	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
3	nama_buku	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
4	tanggal	date			No	None			Change Drop More
5	kembali	date			No	None			Change Drop More
6	created_at	datetime			No	None			Change Drop More
7	updated_at	datetime			No	None			Change Drop More

2. Model,View,Controller (MVC) Transaksi

    a. PeminjamanModel.php

```php
<?php

namespace App\Models;

use CodeIgniter\Model;

class PeminjamanModel extends Model
{
    protected $table = "peminjaman";
    protected $primaryKey = "id_pinjaman";
    protected $returnType = "object";
    protected $useTimestamps = true;
    protected $allowedFields = ['id_pinjaman', 'nama_peminjam',
'nama_buku','tanggal','kembali'];
}
```

b. Pada bagian Transaksi mempunyai 3 view yaitu :

- Peminjaman.php

```php
<?= $this->extend('layout/dashboard-layout'); ?>
<?= $this->section('content'); ?>
<!-- /.card-header -->
<div class="card-body">

<?php if (!empty(session()->getFlashdata('message'))) : ?>
<div class="alert alert-success alert-dismissible fade show"role="alert">
<?php echo session()->getFlashdata('message'); ?>

<button type="button" class="close" data-dismiss="alert" aria-label="Close">

<span aria-hidden="true">&times;</span>
</button>
</div>
<?php endif; ?>
<a href="<?= base_url('/peminjaman/create'); ?>" class="btn btn-primary">Tambah</a>
<hr />
<table class="table table-bordered">
<thead>
<tr>
<th>No</th>
<th>ID Peminjaman</th>
<th>Nama Peminjam</th>
<th>Nama Buku</th>
<th>Tanggal Pinjam</th>
<th>Tanggal Kembali</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<?php
$no = 1;
foreach ($peminjaman as $row)
{
?>
<tr>
<td><?= $no++; ?></td>
<td><?= $row->id_pinjaman; ?></td>
<td><?= $row->nama_peminjam; ?></td>
<td><?= $row->nama_buku; ?></td>
```

```php
<td><?= $row->tanggal; ?></td>
<td><?= $row->kembali; ?></td>
<td>

<a title="Edit" href="<?= base_url("peminjaman/edit/$row-
>id_pinjaman"); ?>" class="btn btn-info">Edit</a>
<a title="Di Kembalikan" href="<?=base_url("peminjaman/delete/$row-
>id_pinjaman") ?>" class="btn btn-success"onclick="return confirm('Buku
Sudah di Kembaliakn')">Di Kembalikan</a>
</td>

</tr>
<?php
}
?>
</tbody>
</table>
</div>
<!-- /.card-body -->
<?= $this->endSection('content'); ?>
```

- Peminjaman_create.php

```php
<?= $this->extend('layout/dashboard-layout'); ?>
<?= $this->section('content'); ?>
<div class="col-md-10">
<!-- general form elements -->
<div class="card card-primary">
<div class="card-header">
<h3 class="card-title">Tambah Data Peminjaman</h3>
</div>

<!-- /.card-header -->
<!-- form start -->
<?php if (!empty(session()->getFlashdata('error'))) : ?>
<div class="alert alert-light alert-dismissible fade show" role="alert">
<h4 class="alert-heading">Periksa Entrian Form</h4>
<hr />
<?php echo session()->getFlashdata('error'); ?>
<button type="button" class="close" data-dismiss="alert" aria-
label="Close">
<span aria-hidden="true">&times;</span>
</button>
</div>
<?php endif; ?>
```

```html
<form class="form-horizontal" method="post"
action="<?=base_url('peminjaman/store')?>" enctype="multipart/form-
data">
<?= csrf_field(); ?>
<div class="card-body">
<div class="form-group row">
<label for="id_pinjaman" class="col-sm-2 col-form- label">ID
Pinjaman</label>
<div class="col-sm-6">
<input type="text" class="form-control" id="id_pinjaman"
name="id_pinjaman" placeholder="ID Pinjaman" value="<?=
old('id_pinjaman'); ?>">
</div>
</div>

<div class="form-group row">
<label for="judul" class="col-sm-2 col-form- label">Nama
Peminjam</label>
<div class="col-sm-6">
<input type="text" class="form-control" id="nama_peminjam"
name="nama_peminjam" value="<?= old('nama_peminjam'); ?>">
</div>
</div>

<div class="form-group row">
<label for="jenis_kelamin" class="col-sm-2 col-form- label">Nama
Buku</label>
<div class="col-sm-6">
<select name="nama_buku" class="form-control" id="nama_buku">
<option value=""> Pilih Buku </option>
<option value="Novel Perahu Kertas">Novel Perahu Kertas</option>
<option value="Mystery Woman">Mystery Woman</option>
<option value="Jingga dan Senja">Jingga dan Senja</option>
<option value="Pelakor">Pelakor</option>
<option value="Gustira">Gustira</option>
<option value="Sebatas Mimpi">Sebatas Mimpi</option>
<option value="Sang Pemimpi">Sang Pemimpi</option>
<option value="Struktur Data">Struktur Data</option>
<option value="Belajar Coding Itu Penting">Belajar Coding Itu
Penting</option>
<option value="Pemroograman Web Dasar">Pemroograman Web
Dasar</option>
<option value="Panduan HTML Untuk Pemula">Panduan HTML Untuk
Pemula</option>
```

```html
<option value="Buku Sakti Pemrograman">Buku Sakti
Pemrograman</option>
</select>
</div>
</div>

<div class="form-group row">
<label for="tanggal" class="col-sm-2 col-form- label">Tanggal</label>
<div class="col-sm-6">
<input type="date" class="form-control" id="tanggal" name="tanggal"
value="<?= old('tanggal'); ?>">
</div>
</div>

<div class="form-group row">
<label for="tanggal" class="col-sm-2 col-form- label">Tanggal
Kembali</label>
<div class="col-sm-6">
<input type="date" class="form-control" id="kembali" name="kembali"
value="<?= old('kembali'); ?>">
</div>
</div>


</div>
<!-- /.card-body -->
<div class="card-footer">
<button type="submit" class="btn btn-primary btn-
block">Simpan</button>

</div>
<!-- /.card-footer -->
</form>

</div>
<!-- /.card -->
</div>
<?= $this->endSection('content'); ?>
```

- Peminjaman_edit.php

```php
<?= $this->extend('layout/dashboard-layout'); ?>
<?= $this->section('content'); ?>
<div class="col-md-10">
<!-- general form elements -->
<div class="card card-primary">
<div class="card-header">
<h3 class="card-title">Edit Data buku</h3>
</div>

<!-- /.card-header -->
<!-- form start -->
<?php if (!empty(session()->getFlashdata('error'))) : ?>
<div class="alert alert-light alert-dismissible fade show" role="alert">
<h4 class="alert-heading">Periksa Entrian Form</h4>
</hr />
<?php echo session()->getFlashdata('error'); ?>
<button type="button" class="close" data-dismiss="alert" aria-
label="Close">
<span aria-hidden="true">&times;</span>
</button>
</div>
<?php endif; ?>

<form class="form-horizontal" method="post"
action="<?=base_url('peminjaman/update/' . $peminjaman->id_pinjaman)
?>"enctype="multipart/form-data">
<?= csrf_field(); ?>
<div class="card-body">




<div class="form-group row">
<label for="nama" class="col-sm-2 col-form- label">Nama
Peminjam</label>
<div class="col-sm-6">
<input type="text" class="form-control" id="nama_peminjam"
name="nama_peminjam" value="<?= $peminjaman->nama_peminjam;
?>">
</div>
</div>

<div class="form-group row">
```

```php
<label for="jurusan" class="col-sm-2 col-form- label">Nama
Buku</label>
<div class="col-sm-6">
<select name="nama_buku" class="form-control" id="nama_buku">
<option value="Novel Perahu Kertas"<?= ($peminjaman-
>nama_buku=="Novel Perahu Kertas"? "selected" : ""); ?>>Novel Perahu
Kertas</option>
<option value="Mystery Woman"<?= ($peminjaman-
>nama_buku=="Mystery Woman"? "selected" : ""); ?>>Mystery
Woman</option>
<option value="Jingga dan Senja"<?= ($peminjaman-
>nama_buku=="Jingga dan Senja"? "selected" : ""); ?>>Jingga dan
Senja</option>
<option value="Pelakor"<?= ($peminjaman->nama_buku=="Pelakor"?
"selected" : ""); ?>>Pelakor</option>
<option value="Gustira"<?= ($peminjaman->nama_buku=="Gustira"?
"selected" : ""); ?>>Gustira</option>
<option value="Sebatas Mimpi"<?= ($peminjaman-
>nama_buku=="Sebatas Mimpi"? "selected" : ""); ?>>Sebatas
Mimpi</option>
<option value="Sang Pemimpi"<?= ($peminjaman->nama_buku=="Sang
Pemimpi"? "selected" : ""); ?>>Sang Pemimpi</option>
<option value="Struktur Data"<?= ($peminjaman-
>nama_buku=="Struktur Data"? "selected" : ""); ?>>Struktur
Data</option>
<option value="Belajar Coding Itu Penting"<?= ($peminjaman-
>nama_buku=="Belajar Coding Itu Penting"? "selected" : ""); ?>>Belajar
Coding Itu Penting</option>
<option value="Pemroograman Web Dasar"<?= ($peminjaman-
>nama_buku=="Pemroograman Web Dasar"? "selected" : "");
?>>Pemroograman Web Dasar</option>
<option value="Panduan HTML Untuk Pemula"<?= ($peminjaman-
>nama_buku=="Panduan HTML Untuk Pemula"? "selected" : "");
?>>Panduan HTML Untuk Pemula</option>
<option value="Buku Sakti Pemrograman"<?= ($peminjaman-
>nama_buku=="Buku Sakti Pemrograman"? "selected" : ""); ?>>Buku
Sakti Pemrograman</option>
</select>
</div>
</div>

<div class="form-group row">
<label for="jenis_kelamin" class="col-sm-2 col-form- label">Tanggal
Peminjaman</label>
<div class="col-sm-6">
```

```html
<input type="date" class="form-control" id="tanggal" name="tanggal"
value="<?= $peminjaman->tanggal; ?>">
</div>
</div>

<div class="form-group row">
<label for="no_telp" class="col-sm-2 col-form-label">tanggal
Kembali</label>
<div class="col-sm-6">
<input type="date" class="form-control" id="kembali"name="kembali"
value="<?= $peminjaman->kembali; ?>" />
</div>
</div>




</div>
<!-- /.card-body -->
<div class="card-footer">
<button type="submit" class="btn btn-primary btn-
block">Simpan</button>

</div>
<!-- /.card-footer -->
</form>

</div>
<!-- /.card -->
</div>
<?= $this->endSection('content'); ?>
```

C. Tampilan Sistem Informasi Perpustakan

a. Tampilan Crud Buku

b. Tampilan Create Buku

c. Tampilan Edit Buku

d. Tampilan View Buku

e. Tamilan Crud Transaksi

f. Tampilan Create Peminjaman

g. Tampilan Edit Peminjaman

Edit Data Peminjaman

Home / Edit Data Peminjaman

Edit Data buku

Nama Peminjam	Febri Rahmanto
Nama Buku	Sang Pemimpi
Tanggal Peminjaman	02/01/2022
tanggal Kembali	04/01/2022

Simpan

h. Tampilan Pengembalian

Buku Telah dikembalikan

OK   Cancel

Peminjaman dan P

Home / Peminjaman dan Pengembal

Tambah

No	ID Peminjaman	Nama Peminjam	Nama Buku	Tanggal Pinjam	Tanggal Kembali	Action
1	B001	Febri Rahmanto	Sang Pemimpi	2022-01-02	2022-01-04	Edit Di Kembalikan
2	B002	Aditya	Struktur Data	2022-01-02	2022-01-04	Edit Di Kembalikan
3	B003	Syarif Ramadhan	Panduan HTML Untuk Pemula	2022-01-02	2022-01-05	Edit Di Kembalikan

Peminjaman dan Pengembalian

Home / Peminjaman dan Pengembalian

Buku Telah diKembalikan   ×

Tambah

No	ID Peminjaman	Nama Peminjam	Nama Buku	Tanggal Pinjam	Tanggal Kembali	Action
1	B001	Febri Rahmanto	Sang Pemimpi	2022-01-02	2022-01-04	Edit Di Kembalikan
2	B003	Syarif Ramadhan	Panduan HTML Untuk Pemula	2022-01-02	2022-01-05	Edit Di Kembalikan