

ULANGAN PHP CRUD
PADA SISTEM INFORMASI (APLIKASI)
PERPUSTAKAN RPL SMKN 1 KARANG BARU



OLEH:
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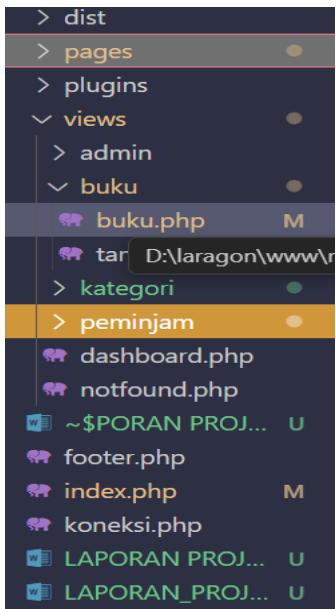
REKAYASA PERANGKAT LUNAK
SMK NEGERI 1 KARANG BARU
PEMERINTAH PROVINSI ACEH
2025

2. FITUR BUKU

1. Tambahkan URL di Sidebar/Navbar

```
2. <li class="nav-item menu-open">
3.     <a href="#" class="nav-link">
4.         <i class="nav-icon fas fa-book"></i>
5.         <p>
6.             halaman buku
7.             <i class="right fas fa-angle-left"></i>
8.         </p>
9.     </a>
10.    <ul class="nav nav-treeview">
11.        <li class="nav-item">
12.            <a href="index.php?halaman=buku" class="nav-link">
13.                <i class="far fa-circle nav-icon"></i>
14.                <p> buku</p>
15.            </a>
16.        </li>
17.        <li class="nav-item">
18.            <a href="index.php?halaman=tambahbuku" class="nav-link">
19.                <i class="far fa-circle nav-icon"></i>
20.                <p>tambahbuku</p>
21.            </a>
22.        </li>
23.        <li class="nav-item">
24.            <a href="index.php?halaman=editbuku" class="nav-link">
25.                <i class="far fa-circle nav-icon"></i>
26.                <p>edit buku</p>
27.            </a>
28.        </li>
29.    </ul>
30. </li>
31. <li class="nav-item menu-open">
32.     <a href="#" class="nav-link">
33.         <i class="nav-icon fas fa-tags"></i>
34.         <p>
```

35. Tambahkan File Di Direktori Views



View\buku\buku.php<?php

```
// Ambil data dari tabel buku
$query = mysqli_query($koneksi, "SELECT * FROM buku");
?>

<div class="card">
  <div class="card-header">
    <h3 class="card-title">Data buku</h3>
  </div>

  <!-- Default box -->
  <div class="card card-solid">
    <div class="col">
      <a href="index.php?halaman=tambahbuku" class="btn btn-primary float-right btn-sm mt-3">
        <i class="fas fa-user-plus"></i> Tambah buku
      </a>

      <table id="example1" class="table table-bordered table-striped">
        <thead>
          <tr>
            <th>No</th>
            <th>idbuku</th>
            <th>judul</th>
            <th>pengarang</th>
            <th>tahun_terbit</th>
            <th>stok</th>
            <th>idkategori</th>
            <th>foto</th>
          </tr>
        </thead>

        <tbody>
          <?php
```

```

$no = 1;
while ($data = mysqli_fetch_assoc($query)) :
    ?>
    <tr>
        <td><?= $no++; ?></td>
        <td><?= $data['idbuku']; ?></td>
        <td><?= $data['judul']; ?></td>
        <td><?= $data['pengarang']; ?></td>
        <td><?= $data['tahun_terbit']; ?></td>
        <td><?= $data['idkategori']; ?></td>
        <td><?= $data['foto']; ?></td>
        <td>
            <?php if (!empty($data['foto'])): ?>
                
            <?php else: ?>
                <span class="text-muted">-</span>
            <?php endif; ?>
        </td>
        <td>
            <a href="index.php?halaman=editbuku&id=<?= $data['idbuku']; ?>" class="btn
btn-warning btn-sm">
                <i class="fas fa-edit"></i>
            </a>
            <a href="hapus_buku.php?id=<?= $data['idbuku']; ?>" class="btn btn-danger
btn-sm" onclick="return confirm('Yakin ingin menghapus data ini?');">
                <i class="fas fa-trash"></i>
            </a>
        </td>
    </tr>
    <?php endwhile; ?>
</tbody>
</table>
</div>
</div>

```

View\buku\tambahbuku.php

```

<div class="card card-primary">
    <div class="card-header">
        <h3 class="card-title">Quick Example</h3>
    </div>
    <!-- /.card-header -->
    <!-- form start -->
    <form>
        <div class="card-body">
            <div class="form-group">
                <label for="exampleInputEmail1">Email address</label>
                <input type="email" class="form-control" id="exampleInputEmail1"
placeholder="Enter email">
            </div>
            <div class="form-group">

```

```

        <label for="exampleInputPassword1">Password</label>
        <input type="password" class="form-control" id="exampleInputPassword1"
placeholder="Password">
    </div>
    <div class="form-group">
        <label for="exampleInputFile">File input</label>
        <div class="input-group">
            <div class="custom-file">
                <input type="file" class="custom-file-input" id="exampleInputFile">
                <label class="custom-file-label" for="exampleInputFile">Choose
file</label>
            </div>
            <div class="input-group-append">
                <span class="input-group-text">Upload</span>
            </div>
        </div>
    </div>
    <div class="form-check">
        <input type="checkbox" class="form-check-input" id="exampleCheck1">
        <label class="form-check-label" for="exampleCheck1">Check me out</label>
    </div>
</div>
<!-- /.card-body -->

    <div class="card-footer">
        <button type="submit" class="btn btn-primary">Submit</button>
    </div>
</form>
</div>

```

36. Tambahkan Page/Halaman Di Index.php

```

// -----
// Bagian BUKU
// -----
case "buku":
    include("views/buku/buku.php");
    break;
case "tambahbuku":
    include("views/buku/tambahbuku.php");
    break;
case "editbuku":
    include("views/buku/editbuku.php");
    break;
// -----

```

localhost/rizkaaulia/11pertemuan29/index.php?halaman=buku

Admin	Data buku								
rizka aulia	Tambah buku								
Search	No	idbuku	judul	pengarang	tahun_terbit	stok	idkategori	foto	
Dashboard	1	1	Dilan 1990	Pidi Baiq	2014	1	dilan_1990.jpg		Edit Delete
Dashboard	2	2	Tenggelamnya Kapal Van Der Wijck	Hamka	1938	1	van_der_wijck.png		Edit Delete
Admin	3	3	Filosofi Teras	Henry Manampiring	2018	2	filosofi_teras.jpg		Edit Delete
Tambah Admin	4	4	Sebuah Seni untuk Bersikap Bodo Amat	Mark Manson	2016	2	bodo_amat.jpg		Edit Delete
Edit Admin	5	5	Perang Dunia II	Winston Churchill	1948	3	ww2.jpg		Edit Delete
halaman Peminjam	6	6	A Brief History of Time	Stephen Hawking	1988	4	history_of_time.jpg		Edit Delete
Daftar Peminjam	7	7	The Innovators	Walter Isaacson	2014	5	the_innovators.jpg		Edit Delete
Tambah Peminjam	8	8	Diet Sehat Ala Rasulullah	DR. Zaidul Akbar	2019	6	diet_sehat.jpg		Edit Delete
Edit Peminjam									
halaman buku									
buku									
tambahbuku									
edit buku									
Kategori Buku									

2. FITUR PEMINJAM

1. Tambahkan URL di Sidebar/Navbar

Tambahkan File Di Direktori View

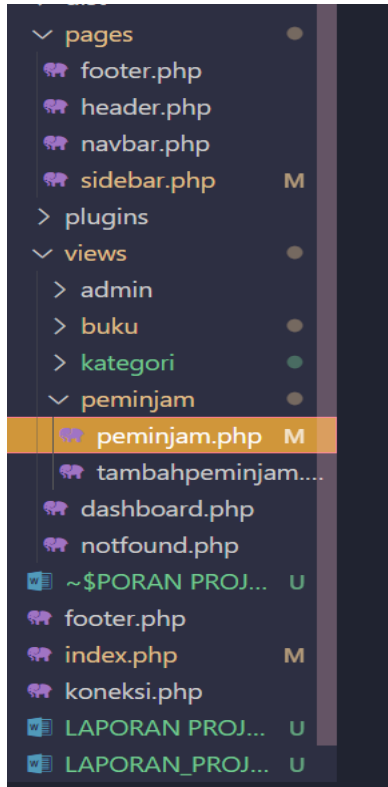
```
<li class="nav-item menu-open">
  <a href="#" class="nav-link">
    <i class="nav-icon fas fa-users "></i>
    <p>
      halaman Peminjam
      <i class="right fas fa-angle-left"></i>
    </p>
  </a>
  <ul class="nav nav-treeview">
    <li class="nav-item">
      <a href="index.php?halaman=peminjam" class="nav-link">
        <i class="far fa-circle nav-icon"></i>
        <p>Daftar Peminjam</p>
      </a>
    </li>
    <li class="nav-item">
      <a href="index.php?halaman=tambahpeminjam" class="nav-link ">
        <i class="far fa-circle nav-icon"></i>
        <p>Tambah Peminjam</p>
      </a>
    </li>
    <li class="nav-item">
      <a href="index.php?halaman=editpeminjam" class="nav-link ">
        <i class="far fa-circle nav-icon"></i>
        <p>Edit Peminjam</p>
      </a>
    </li>
  </ul>
</li>
```

```

        </a>
    </li>
</ul>
</li>

```

Tambahkan File Di Direktori Views



View\peminjam\peminjam.php

```

<?php
// views/peminjam/peminjam.php

error_reporting(E_ALL);
ini_set('display_errors', 1);
?>

<div class="card">
    <div class="card-header">
        <h3 class="card-title">Data Peminjam</h3>
    </div>

    <div class="card-body">
        <!-- tombol di luar table -->
        <div class="mb-3">
            <a href="index.php?halaman=tambahpeminjam" class="btn btn-primary float-right btn-sm mb-3">
                <i class="fas fa-user-plus"></i> Tambah peminjam
            </a>
        </div>
    </div>

```

```

<table id="example2" class="table table-bordered table-hover">
  <thead>
    <tr>
      <th>Nama Peminjam</th>
      <th>ID Peminjam</th>
      <th>Alamat</th>
      <th>Notelpon</th>
      <th>Foto</th>
      <th>Aksi</th>
    </tr>
  </thead>
  <tbody>
    <?php
      // Ambil data dari DB
      $sql = "SELECT idpeminjam, namapeminjam, alamat, notelpon, foto FROM peminjam ORDER
BY idpeminjam";
      $res = mysqli_query($koneksi, $sql);
      if (!$res) {
        echo '<tr><td colspan="6">Query error: ' .
htmlspecialchars(mysqli_error($koneksi)) . '</td></tr>';
      } else {
        while ($row = mysqli_fetch_assoc($res)) {
          // --- tangani path foto ---
          $foto_db = $row['foto']; // bisa berisi 'foto/rizka.jpg' atau hanya
'rizka.jpg' atau NULL
          if (!empty($foto_db)) {
            // jika hanya nama file tanpa folder, tambahkan folder 'foto/'
            $foto_path = (strpos($foto_db, '/') !== false) ? $foto_db : 'foto/' .
$foto_db;
            // cek apakah file fisik ada di server; gunakan DOCUMENT_ROOT untuk path
server

            $server_file = $_SERVER['DOCUMENT_ROOT'] . '/' . ltrim($foto_path, '/');
            if (!file_exists($server_file)) {
              // fallback bila tidak ada file fisik
              $foto_path = 'dist/img/default-user.png'; // gambar default AdminLTE
            }
          } else {
            // bila NULL
            $foto_path = 'dist/img/default-user.png';
          }

          // escape output
          $nama = htmlspecialchars($row['namapeminjam']);
          $id = htmlspecialchars($row['idpeminjam']);
          $alamat = htmlspecialchars($row['alamat']);
          $telp = htmlspecialchars($row['notelpon']);
          $foto_url = htmlspecialchars($foto_path);

          echo "<tr>";
          echo "<td>{$nama}</td>";
          echo "<td>{$id}</td>";
          echo "<td>{$alamat}</td>";
          echo "<td>{$telp}</td>";

```



```

        echo "<td><img src=\"{$foto_url}\" alt=\"foto-{$id}\" class=\"img-thumbnail\"
style=\"width:60px;height:60px;object-fit:cover;\"></td>";
        echo "<td>
            <a href=\"index.php?halaman=editpeminjam&id={$id}\" class=\"btn btn-
warning btn-sm\">
                <i class=\"fas fa-edit\"></i>
            </a>
            <a href=\"hapus_peminjam.php?id={$id}\" class=\"btn btn-danger btn-
sm\" onclick=\"return confirm('Yakin ingin menghapus?')\">
                <i class=\"fas fa-trash\"></i>
            </a>
        </td>";
        echo "</tr>";
    }
}

```

View\peminjam\tambahpeminjam.php

```

<div class="card card-primary">
    <div class="card-header">
        <h3 class="card-title">Quick Example</h3>
    </div>
    <!-- /.card-header -->
    <!-- form start -->
    <form>
        <div class="card-body">
            <div class="form-group">
                <label for="exampleInputEmail1">Email address</label>
                <input type="email" class="form-control" id="exampleInputEmail1"
placeholder="Enter email">
            </div>
            <div class="form-group">
                <label for="exampleInputPassword1">Password</label>
                <input type="password" class="form-control" id="exampleInputPassword1"
placeholder="Password">
            </div>
            <div class="form-group">
                <label for="exampleInputFile">File input</label>
                <div class="input-group">
                    <div class="custom-file">
                        <input type="file" class="custom-file-input" id="exampleInputFile">
                        <label class="custom-file-label" for="exampleInputFile">Choose
file</label>
                    </div>
                    <div class="input-group-append">
                        <span class="input-group-text">Upload</span>
                    </div>
                </div>
            </div>
            <div class="form-check">

```

```

        <input type="checkbox" class="form-check-input" id="exampleCheck1">
        <label class="form-check-label" for="exampleCheck1">Check me out</label>
    </div>
</div>
<!-- /.card-body -->

<div class="card-footer">
    <button type="submit" class="btn btn-primary">Submit</button>
</div>
</form>
</div>

```

2. Tambahkan Page/Halaman Di Index.php

```

// -----
// Bagian PEMINJAM
// -----
case "peminjam":
    include("views/peminjam/peminjam.php");
    break;
case "tambahpeminjam":
    include("views/peminjam/tambahpeminjam.php");
    break;
case "editpeminjam":
    include("views/peminjam/editpeminjam.php");
    break;

```

localhost/rizkaaulia/11pertemuan29/index.php?halaman=peminjam

Admin rizka aulia

Search

Dashboard

Admin

halaman Peminjam

Daftar Peminjam

Tambah Peminjam

Edit Peminjam

halaman buku

buku

tambahbuku

edit buku

Kategori Buku

Home Contact









dashboard

Home / dashboard v1

Data Peminjam

Tambah peminjam

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Nama Peminjam	ID Peminjam	Alamat	Notelpon	Foto	Aksi
Rizka Aulia	1	Jl. Kesehatan	081234567890	foto-1	 
Siti Rahayu	2	Komplek Griya Indah Blok B7, Bandung	085678901234	foto-2	 
Joko Susilo	3	Perumahan Elok No. 44, Surabaya	087890123456	foto-3	 
Lina Amelia	4	Gg. Mawar Merah 1A, Yogyakarta	089012345678	foto-4	 
Naufal Hafiz	5	Blok Mawar RT 05/RW 02, Bekasi	081122334455	foto-5	