



Native

PHP: Hypertext Preprocessor

CRUD Data Buku

Selanjutnya kita menambahkan modul Data Buku sebagai bank data buku, yang nantinya digunakan admin untuk mendata buku untuk dipinjam pengunjung/tamu.

1. File header.php

Edit/tambah beberapa kode berikut.

```

48 <body>
280 <aside id="sidebar" class="sidebar">
282 <ul class="sidebar-nav" id="sidebar-nav">
283
284 <li class="nav-item">
285 <a class="nav-link collapsed" href="#">
286 <i class="bi bi-grid"></i>
287 <span>Dashboard</span>
288 </a>
289 </li><!-- End Dashboard Nav -->
290
291 <li class="nav-item">
292 <a class="nav-link collapsed" href="daftarbukutamu.php">
293 <i class="bi bi-person"></i>
294 <span>Daftar Buku Tamu</span>
295 </a>
296 </li><!-- End Contact Page Nav -->
297
298 <li class="nav-item">
299 <a class="nav-link collapsed" href="daftarbuku.php">
300 <i class="bi bi-book"></i>
301 <span>Daftar Buku</span>
302 </a>
303 </li><!-- End Contact Page Nav -->
304
305 </ul>
  
```

2. Tambah Tabel di Database

Buat tabel baru dengan nama **tbbuku** dan tentukan field nya seperti berikut.

Name	Type	Length	Decimals	Not Null	Virtual	Key	Comment
idbuku	int			☒	☐	☒	
judulbuku	varchar	100		☐	☐	☐	

Isi beberapa data buku.

idbuku	judulbuku
1	Timun Jelita
2	Sebuah Seni untuk Bersikap Bodo Amat

3. File daftarbuku.php

Ketik kode seperti *screenshot* di bawah.

```

1  <?php include_once "header.php"; ?>
2
3  <main id="main" class="main">
4
5      <div class="pagetitle">
6          <h1>Daftar Buku</h1>
7          <nav>
8              <ol class="breadcrumb">
9                  <li class="breadcrumb-item"><a href="index.html">Home</a></li>
10                 <li class="breadcrumb-item active">Daftar Buku</li>
11             </ol>
12         </nav>
13     </div><!-- End Page Title -->
14
15     <section class="section">
16         <div class="row">
17             <div class="col-lg-12">
18
19                 <div class="card">
20                     <div class="card-body">
21                         <h5 class="card-title">Daftar Buku</h5>
22
23                         <a href="tambahbuku.php"><button type="button" class="btn btn-success mb-2 w-100">Tambah Buku</button></a>
24
25                     <!-- Default Table -->
26                     <table class="table">
27                         <thead>
28                             <tr>
29                                 <th scope="col">No</th>
30                                 <th scope="col">Judul Buku</th>
31                                 <th scope="col">Edit</th>
32                                 <th scope="col">Delete</th>
33                             </tr>
34                         </thead>
35                         <tbody>
36                             <?php
37                                 include_once "connection.php";
38
39                                 $query = "SELECT * FROM tb buku";
40                                 $result = mysqli_query($conn, $query);
41
42                                 if (mysqli_num_rows($result) > 0) {
43                                     $rowno = 1;
44                                     while ($row = mysqli_fetch_assoc($result)) {
45                                         <?>
46                                         <tr style="vertical-align: middle">
47                                             <th scope="row"><?php echo $rowno; ?></th>
48                                             <td><?php echo $row['judulbuku']; ?></td>
49                                             <td><a href="editbuku.php?detail=<?php echo $row['idbuku']; ?>">
50                                                 <button type="button" class="btn btn-primary">Edit</button>
51                                             </a>
52                                             <td><a href="deletebuku.php?detail=<?php echo $row['idbuku']; ?>">
53                                                 <button type="button" class="btn btn-danger">Delete</button>
54                                             </a>
55                                         </td>
56                                     </tr>
57                                 </tbody>
58                             <?php
59                                 $rowno++;
60                             </td>
61                         </td>
62                     <?>
63                 </tbody>
64             </table>
65             <!-- End Default Table Example -->
66         </div>
67     </div>
68 </div>
69 </section>
70
71 </main><!-- End #main -->
72
73 <?php include_once "footer.php"; ?>

```

4. File editbuku.php

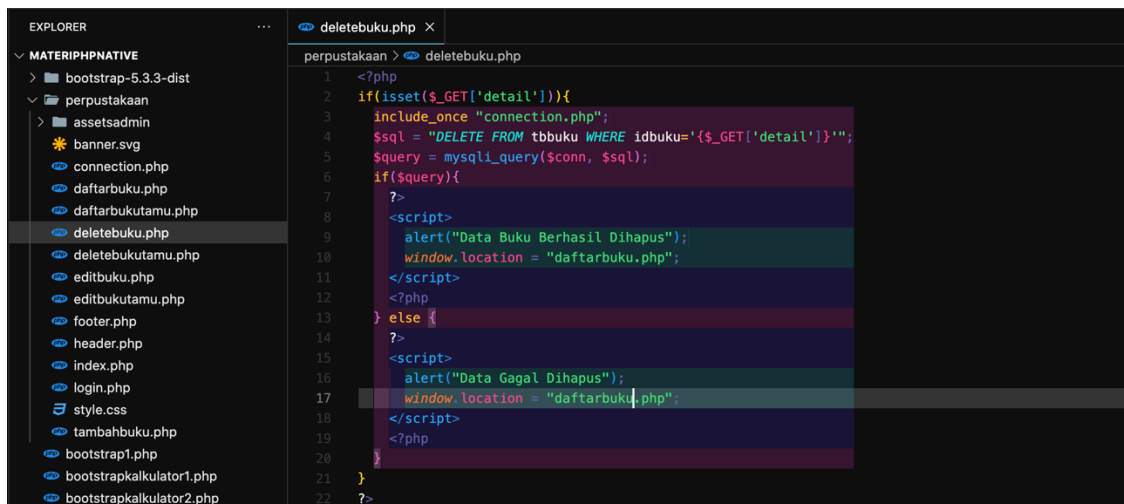
Ketik kode seperti *screenshot* di bawah.

```

1 <?php
2 if(isset($_GET['detail'])){
3     include_once "connection.php";
4     $sql = "SELECT * FROM tb buku WHERE idbuku='{$_GET['detail']}'";
5     $query = mysqli_query($conn, $sql);
6     $row = mysqli_fetch_object($query);
7     $idbuku = $row->idbuku;
8     $judulbuku = $row->judulbuku;
9 }
10 ?>
11
12 <?php include_once "header.php"; ?>
13
14 <main id="main" class="main">
15
16     <div class="pagetitle">
17         <h1>Daftar Buku</h1>
18         <nav>
19             <ol class="breadcrumb">
20                 <li class="breadcrumb-item"><a href="index.html">Home</a></li>
21                 <li class="breadcrumb-item"><a href="">Daftar Buku</a></li>
22                 <li class="breadcrumb-item active">Edit</li>
23             </ol>
24         </nav>
25         </div><!-- End Page Title -->
26
27         <section class="section">
28             <div class="row">
29                 <div class="col-lg-12">
30
31                     <div class="card">
32                         <div class="card-body">
33                             <h5 class="card-title">Edit Buku</h5>
34
35                             <!-- General Form Elements -->
36                             <form method="POST">
37                                 <div class="row mb-3">
38                                     <label for="inputEmail" class="col-sm-2 col-form-label">Judul Buku</label>
39                                     <div class="col-sm-10">
40                                         <input type="text" class="form-control" name="judulbuku" value="<?php echo $judulbuku ?>">
41                                     </div>
42                                 </div>
43
44                                 <div class="row mb-3">
45                                     <label class="col-sm-2 col-form-label"></label>
46                                     <div class="col-sm-10">
47                                         <button type="submit" class="btn btn-primary">Update</button>
48                                     </div>
49                                 </div>
50
51                             </form><!-- End General Form Elements -->
52
53                         </div>
54                     </div>
55                 </div>
56             </section>
57
58         </main><!-- End #main -->
59
60 <?php include_once "footer.php"; ?>
61
62 <?php
63 if ($_SERVER["REQUEST_METHOD"] == "POST") {
64     include_once "connection.php";
65
66     $judulbuku = $_POST["judulbuku"];
67
68     $sql = "UPDATE tb buku SET judulbuku='$judulbuku' WHERE idbuku='$idbuku'";
69     if (mysqli_query($conn, $sql)) {
70         ?>
71         <script>
72             alert("Data Buku Berhasil Disimpan");
73             window.location = "daftarbuku.php";
74         </script>
75     } else {
76         ?>
77         <script>
78             alert("Data Gagal Disimpan");
79         </script>
80     }
81 </?php>
82 }
83
84 }
```

5. File deletebuku.php

Ketik kode seperti *screenshot* di bawah.



The screenshot shows a code editor with a file explorer on the left and a code editor on the right. The file explorer shows a directory structure with files like bootstrap-5.3.3-dist, perpustakaan, assetsadmin, banner.svg, connection.php, daftarbuku.php, deletebuku.php, deletebukutamu.php, editbuku.php, editbukutamu.php, footer.php, header.php, index.php, login.php, style.css, tambahbuku.php, bootstrap1.php, bootstrapkalkulator1.php, and bootstrapkalkulator2.php. The code editor shows the content of deletebuku.php, which is a PHP script that deletes a book from a database and redirects the user to the daftarbuku.php file.

```
1 <?php
2 if(isset($_GET['detail'])){
3     include_once "connection.php";
4     $sql = "DELETE FROM tbbuku WHERE idbuku='{$_GET['detail']}'";
5     $query = mysqli_query($conn, $sql);
6     if($query){
7         ?>
8         <script>
9             alert("Data Buku Berhasil Dihapus");
10            window.location = "daftarbuku.php";
11        </script>
12    <?php
13    } else {
14        ?>
15        <script>
16            alert("Data Gagal Dihapus");
17            window.location = "daftarbuku.php";
18        </script>
19    <?php
20    }
21 }
22 ?>
```

6. File tambahbuku.php

Ketik kode seperti *screenshot* di bawah.

```

1  <?php include_once "header.php"; ?>
2
3  <main id="main" class="main">
4
5      <div class="pagetitle">
6          <h1>Daftar Buku</h1>
7          <nav>
8              <ol class="breadcrumb">
9                  <li class="breadcrumb-item"><a href="index.html">Home</a></li>
10                 <li class="breadcrumb-item"><a href="">Daftar Buku</a></li>
11                 <li class="breadcrumb-item active">Tambah</li>
12             </ol>
13         </nav>
14     </div><!-- End Page Title -->
15
16     <section class="section">
17         <div class="row">
18             <div class="col-lg-12">
19
20                 <div class="card">
21                     <div class="card-body">
22                         <h5 class="card-title">Tambah Buku</h5>
23
24                         <!-- General Form Elements -->
25                         <form method="POST">
26                             <div class="row mb-3">
27                                 <label for="inputEmail" class="col-sm-2 col-form-label">Judul Buku</label>
28                                 <div class="col-sm-10">
29                                     <input type="text" class="form-control" name="judulbuku">
30                                 </div>
31                             </div>
32
33                             <div class="row mb-3">
34                                 <label class="col-sm-2 col-form-label"></label>
35                                 <div class="col-sm-10">
36                                     <button type="submit" class="btn btn-primary">Simpan</button>
37                                 </div>
38                             </div>
39                         </form><!-- End General Form Elements -->
40
41                     </div>
42                 </div>
43             </div>
44         </div>
45     </section>
46
47 </main><!-- End #main -->
48
49 <?php include_once "footer.php"; ?>
50
51 <?php
52 if ($_SERVER["REQUEST_METHOD"] == "POST") {
53     include_once "connection.php";
54
55     $judulbuku = $_POST["judulbuku"];
56
57     $sql = "INSERT INTO tbbuku (judulbuku) VALUES ('$judulbuku')";
58     if (mysqli_query($conn, $sql)) {
59         ?>
60         <script>
61             alert("Data Buku Berhasil Disimpan");
62             window.location = "daftarbuku.php";
63         </script>
64     <?php
65     } else {
66         ?>
67         <script>
68             alert("Data Gagal Disimpan");
69         </script>
70     <?php
71     }
72
73 }
```

Silakan lakukan tes/pengujian.

