**Pertemuan 7 : CRUD 1**

**Tugas 7 : Membuat Prose Login dan CRUD**

|  |  |
| --- | --- |
| **Nama / Nim** | **: (2218125)** |
| **Kelas** | **:** |
| **Pengajar** | **:** **()** |

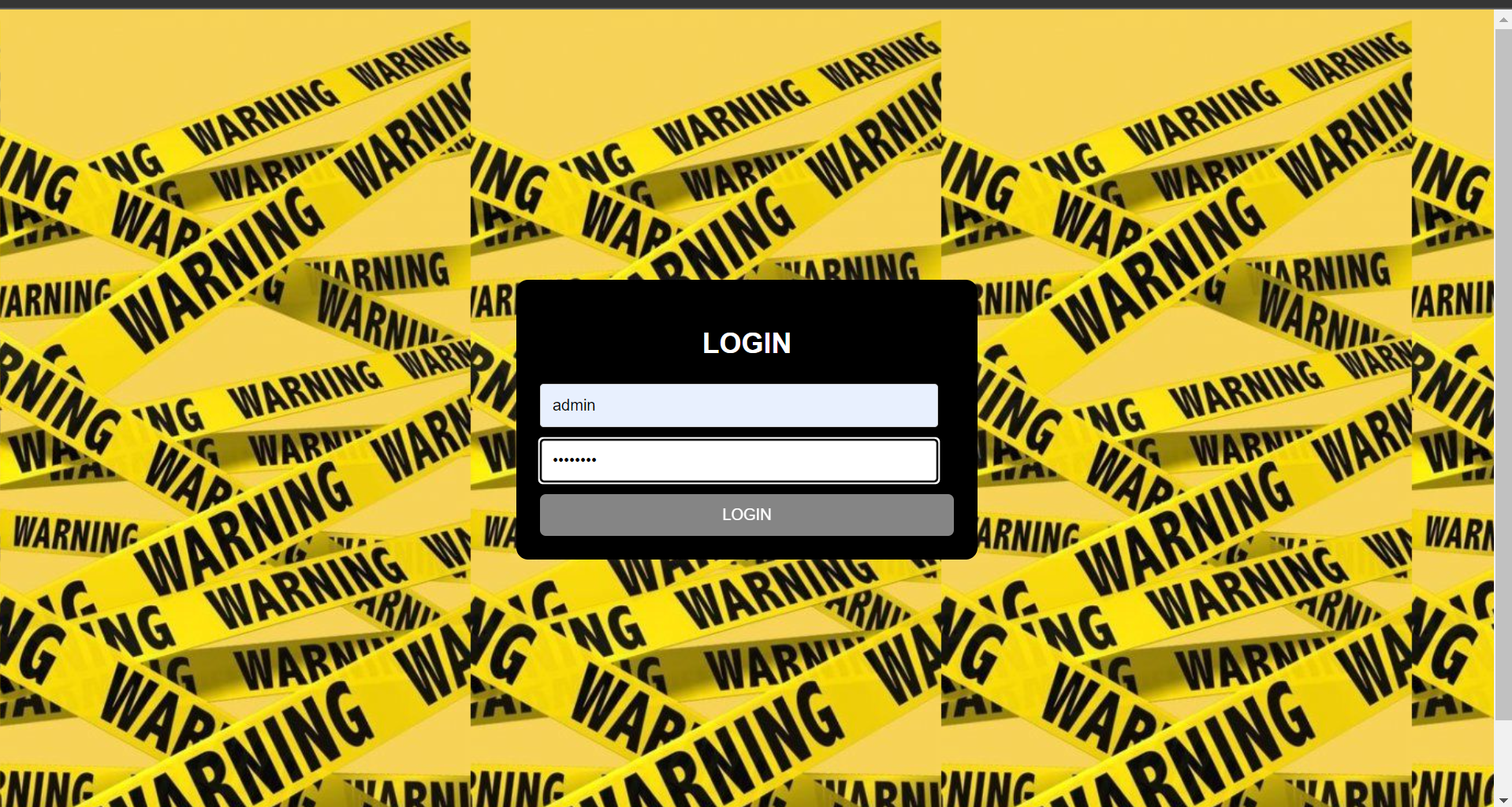
* 1. **Tujuan**

1. Mampu menghubungkan antara Database dengan PHP.
2. Mampu memahami penggunaan CRUD.
   1. **Alat dan Bahan**
3. Laptop/pc
4. Modul Praktikum Web 2024
5. TextEditor (Visual Studio Code / Sublime Text)
   1. **Langkah-langkah**
6. Login, Register dan Log Out

Source code login-proses.php:

|  |
| --- |
| <?php  include 'koneksi.php';  if(isset($\_POST['login'])) {  $requestUsername = $\_POST['username'];  $requestPassword = $\_POST['password'];  $sql = "SELECT \* FROM tb\_user WHERE username = '$requestUsername'";  list($id\_user, $email, $password, $username) = mysqli\_fetch\_row(mysqli\_query($koneksi, $sql));  $result = mysqli\_query($koneksi, $sql);    if(mysqli\_num\_rows($result) > 0) {  if (password\_verify($requestPassword, $password)) {  while($row = mysqli\_fetch\_assoc($result)) {  session\_start();  $\_SESSION['username'] = $row['username'];  $\_SESSION['id\_user'] = $row['id\_user'];  header('location:admin/dashboard.php');  }  } else {  echo "  <script>  alert('email atau password anda salah, Silahkan coba lagi');  window.location = 'LOGIN.php';  </script>  ";  }  } else {  echo "  <script>  alert('email atau password anda salah, Silahkan coba lagi');  window.location = 'LOGIN.php';  </script>  ";  }  }  // username = sandy  // password = 1234567 |

Hasil Tampilan :

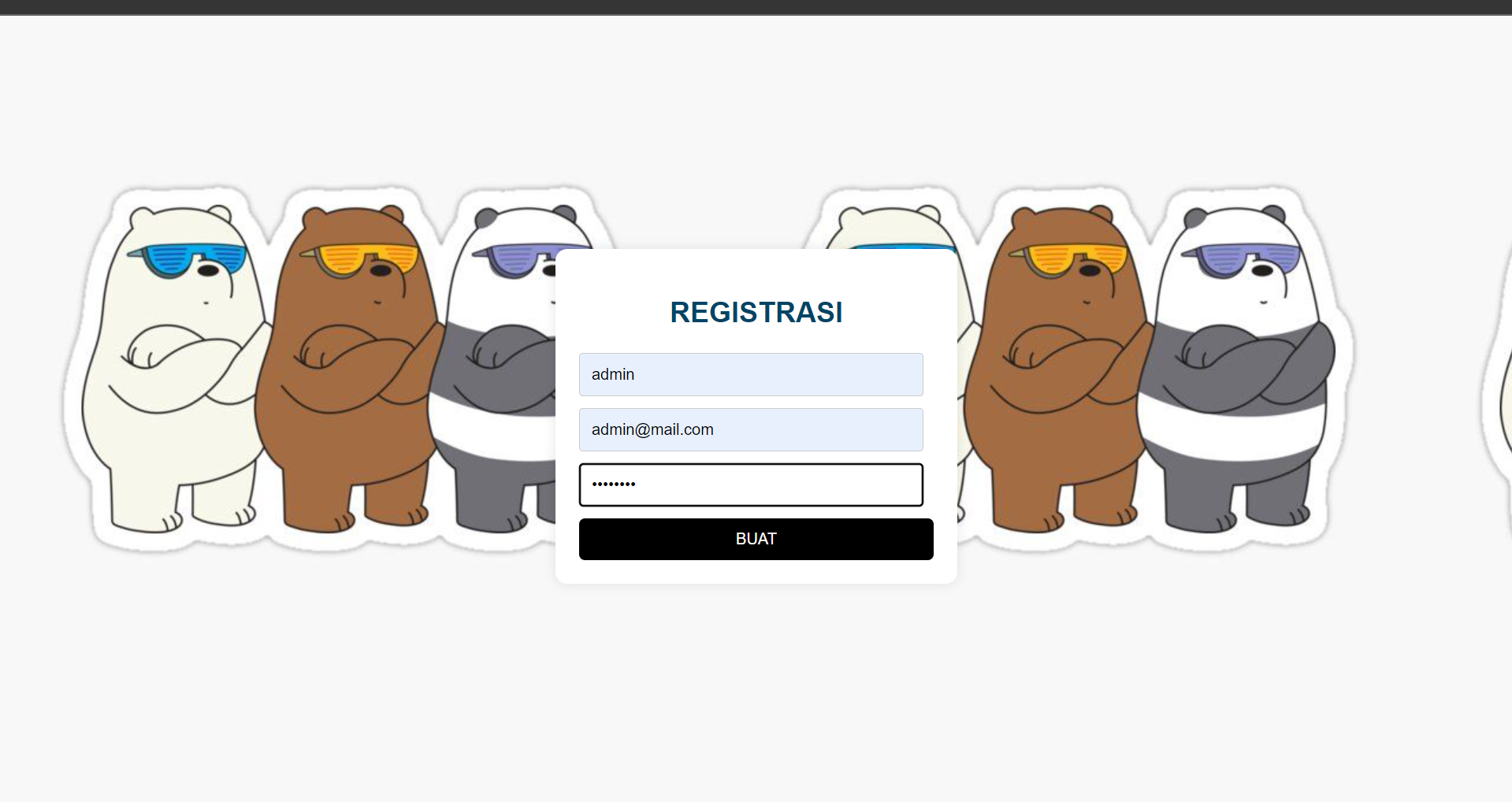


Gambar 7.1 Tampilan Login

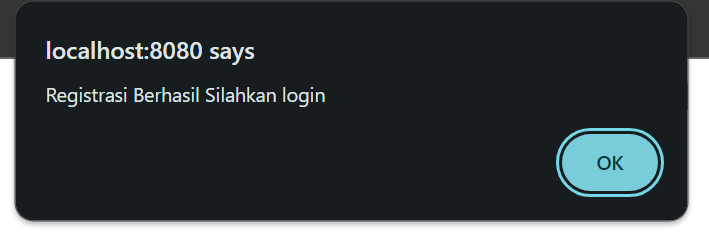
Source code form register-proses.php:

|  |
| --- |
| <?php  include 'koneksi.php';  if(isset($\_POST['REG'])){  $username = $\_POST['username'];  $email = $\_POST['email'];  $password = password\_hash($\_POST["password"], PASSWORD\_DEFAULT);  $sql = "INSERT INTO tb\_user VALUES(NULL, '$email', '$password', '$username')";  if(empty($email) || empty($username) || empty($password)) {  echo "  <script>  alert('Pastikan Anda Mengisi Semua Data');  window.location = 'REG.php';  </script>  ";  }elseif(mysqli\_query($koneksi, $sql)) {  echo "  <script>  alert('Registrasi Berhasil Silahkan login');  window.location = 'LOGIN.php';  </script>  ";  }else {  echo "  <script>  alert('Terjadi Kesalahan');  window.location = 'REG.php';  </script>  ";  }  }  ?> |

Hasil Tampilan :



Gambar 7.2 Tampilan Register

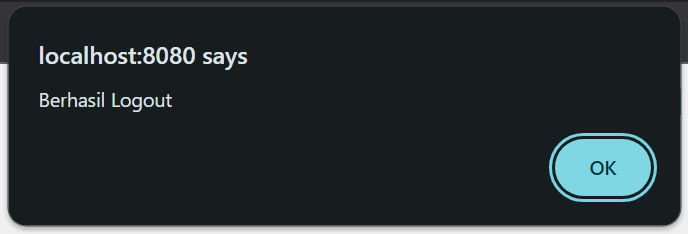


Gambar 7.3 Tampilan Berhasil Register

Source code form logout.php:

|  |
| --- |
| <?php  if(isset($\_POST['logout'])){  session\_start();  session\_unset();  echo "  <script>  alert('Berhasil Logout');  window.location = 'LOGIN.php';  </script>  ";  } |

Hasil Tampilan :



Gambar 7.4 Tampilan Log Out

Analisa :

Program di atas adalah skrip PHP yang mengelola proses login, registrasi, dan logout pengguna pada sebuah aplikasi berbasis web dengan menggunakan database MySQL. Pada bagian login, skrip memeriksa apakah username yang dimasukkan ada di database, dan kemudian memverifikasi password yang diberikan dengan hash yang tersimpan. Jika valid, sesi pengguna dimulai dan diarahkan ke halaman dashboard admin. Bagian registrasi meng-hash password yang diberikan sebelum menyimpannya ke dalam tabel tb\_user, serta memeriksa apakah semua field telah diisi sebelum melakukan insert ke database. Jika registrasi berhasil, pengguna diarahkan ke halaman login. Bagian logout menghapus sesi pengguna dan mengarahkan kembali ke halaman login. Skrip ini juga menggunakan pesan alert JavaScript untuk memberi umpan balik kepada pengguna terkait keberhasilan atau kegagalan dari operasi yang dilakukan.

1. CRUD

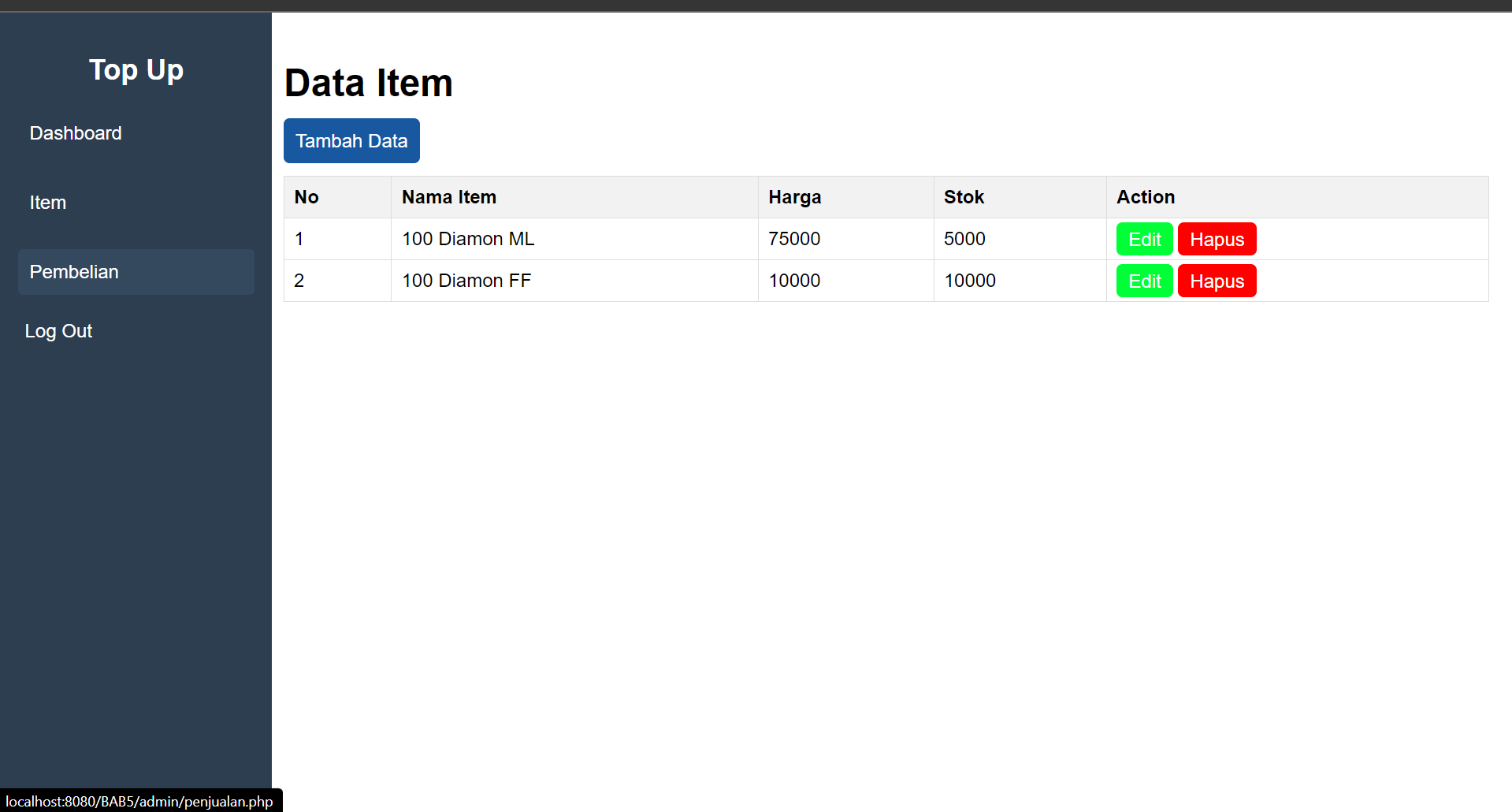
Source code item-proses.php:

|  |
| --- |
| <?php  include '../koneksi.php';  if(isset($\_POST['simpan'])) {  $nama = $\_POST['nama'];  $harga = $\_POST['harga'];  $stok = $\_POST['stok'];  var\_dump($nama, $harga, $stok);  $sql = "INSERT INTO tb\_item VALUES(NULL, '$nama', '$harga','$stok')";  if(empty($nama) || empty($stok)|| empty($harga)) {  echo "  <script>  alert('Pastikan Anda Mengisi Semua Data');  window.location = 'item-input.php';  </script>  ";  }elseif(mysqli\_query($koneksi, $sql)) {  echo "  <script>  alert('Data Item Berhasil Ditambahkan');  window.location = 'item.php'  </script>  ";  }else {  echo "  <script>  alert('Terjadi Kesalahan');  window.location = 'item-input.php'  </script>  ";  }  }elseif(isset($\_POST['edit'])) {  $id = $\_POST['id'];  $nama = $\_POST['nama'];  $harga = $\_POST['harga'];  $stok = $\_POST['stok'];  $sql = "UPDATE tb\_item SET  nama\_item = '$nama',  harga\_item = '$harga',  stok = '$stok'  WHERE id\_item = $id  ";  if(mysqli\_query($koneksi, $sql)) {  echo "  <script>  alert('Data Item Berhasil Diubah');  window.location = 'item.php';  </script>  ";  }else {  echo "  <script>  alert('Terjadi Kesalahan');  window.location = 'item-edit.php';  </script>  ";  }  }elseif(isset($\_POST['hapus'])) {  $id = $\_POST['id'];  // hapus gambar  $sql = "SELECT \* FROM tb\_item WHERE id\_item = $id";  $result = mysqli\_query($koneksi, $sql);  $row = mysqli\_fetch\_assoc($result);    $sql = "DELETE FROM tb\_item WHERE id\_item = $id";  if(mysqli\_query($koneksi, $sql)) {  echo "  <script>  alert('Data Item Berhasil Dihapus');  window.location = 'item.php';  </script>  ";  }else {  echo "  <script>  alert('Data Item Gagal Dihapus');  window.location = 'item.php';  </script>  ";  }  }else {  header('location: item.php');  } |

Source code dokter.php:

|  |
| --- |
| <?php  session\_start();  if ($\_SESSION['username'] == null) {  header('location: ../LOGIN.php');  }  include '../koneksi.php'; // Pastikan file koneksi ada dan benar  // Memeriksa apakah koneksi berhasil  if ($koneksi === false) {  die("ERROR: Could not connect. " . mysqli\_connect\_error());  }  // Menjalankan kueri  $sql = "SELECT \* FROM tb\_item";  $result = mysqli\_query($koneksi, $sql);  ?>  <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Tabel dengan Sidebar</title>  <link rel="stylesheet" href="style.css">    </head>  <body>  <div class="container">  <div class="sidebar">  <h2>Top Up</h2>  <ul>  <li><a href="dashboard.php">Dashboard</a></li>  <li><a href="Item.php">Item</a></li>  <li><a href="penjualan.php">Pembelian</a></li>  <li><form action="../logout.php" method="post">  <button name="logout">Log Out</button>  </form></li>  </ul>  </div>  <div class="main-content">  <h1>Data Item</h1>  <a class="input" href="item-input.php">Tambah Data</a>  <table>  <thead>  <tr>  <th>No</th>  <th>Nama Item</th>  <th>Harga</th>  <th>Stok</th>  <th>Action</th>  </tr>  </thead>  <tbody>  <?php  if (mysqli\_num\_rows($result) == 0) {  echo "  <tr>  <td colspan='4' align='center'>Data Kosong</td>  </tr>  ";  } else {  $i = 1; // Inisialisasi counter  while ($data = mysqli\_fetch\_assoc($result)) {  echo "  <tr>  <td>{$i}</td>  <td>{$data['nama\_item']}</td>  <td>{$data['harga\_item']}</td>  <td>{$data['stok']}</td>  <td>  <a class='btn-edit' href='item-edit.php?id={$data['id\_item']}'>Edit</a>  <a class='btn-hapus' href='item-hapus.php?id={$data['id\_item']}'>Hapus</a>  </td>  </tr>  ";  $i++; // Inkrementasi counter  }  }  ?>  </tbody>  </table>  </div>  </div>  </body>  </html> |

Hasil Tampilan :

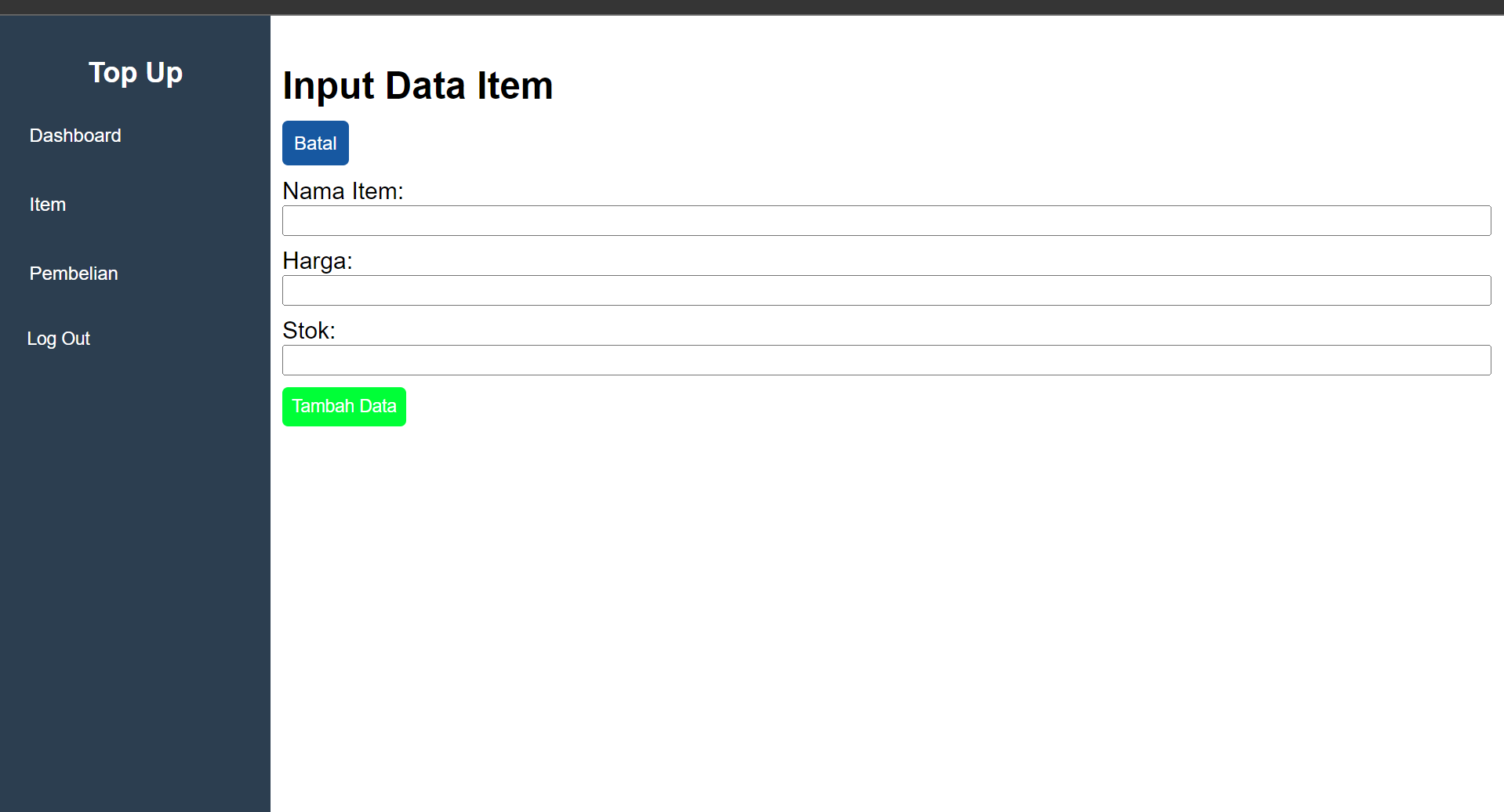


Gambar 7.5 Tampilan Data

Source code item-input.php:

|  |
| --- |
| <?php  session\_start();  if ($\_SESSION['username'] == null) {  header('location: ../LOGIN.php');  }  ?>  <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Tabel dengan Sidebar</title>  <link rel="stylesheet" href="style.css">  <style>  .main-content .input{  color: #fff;  padding: 10px;  margin: 10px 0;  text-decoration: none;  background-color: #1758a1;  border-radius: 5px;  }  form{  margin-top: 20px;  }  .form-group{  font-size: 20px;  }  .form-group input{  width: 100%;  height: 20px;  margin-bottom: 10px;  }  form button{  font-size: 15px;  background-color: #00ff37;  border: none;  border-radius: 5px;  padding: 8px;  color: #fff;  }  </style>  </head>  <body>  <div class="container">  <div class="sidebar">  <h2>Top Up</h2>  <ul>  <li><a href="dashboard.php">Dashboard</a></li>  <li><a href="Item.php">Item</a></li>  <li><a href="penjualan.php">Pembelian</a></li>  <li><form action="../logout.php" method="post">  <button name="logout">Log Out</button>  </form></li>  </ul>  </div>  <div class="main-content">  <h1>Input Data Item</h1>  <a class="input" href="item.php">Batal</a>  <form action="item-proses.php" method="post">  <div class="form-group">  <label for="nama">Nama Item:</label>  <input type="text" id="nama" name="nama" required>  </div>  <div class="form-group">  <label for="harga">Harga:</label>  <input type="number" id="harga" name="harga" required>  </div>  <div class="form-group">  <label for="stok">Stok:</label>  <input type="number" id="stok" name="stok" required>  </div>  <button class="simpan" type="submit" name="simpan">Tambah Data</button>  </form>  </div>  </div>  </body>  </html> |

Hasil Tampilan :

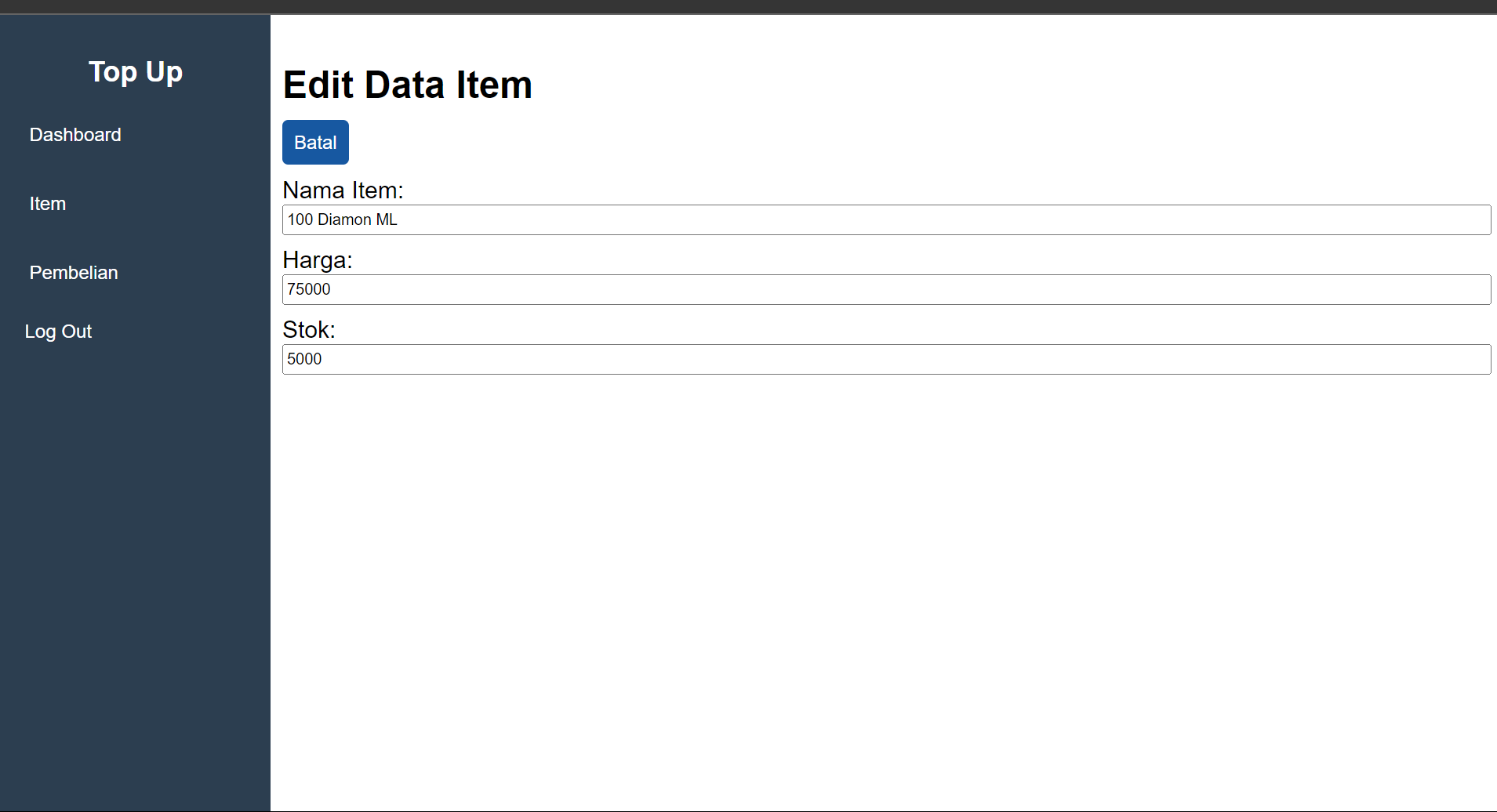


Gambar 7.6 Tampilan Tambah Data

Source code form item-edit.php:

|  |
| --- |
| <?php  include '../koneksi.php';  $id = $\_GET['id'];  if(!isset($\_GET['id'])) {  echo "  <script>  alert('Tidak ada ID yang Terdeteksi');  window.location = 'item.php';  </script>  ";  }  $sql = "SELECT \* FROM tb\_item WHERE id\_item = '$id'";  $result = mysqli\_query($koneksi, $sql);  $data = mysqli\_fetch\_assoc($result);  session\_start();  if ($\_SESSION['username'] == null) {  header('location: ../LOGIN.php');  }  ?>  <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Tabel dengan Sidebar</title>  <link rel="stylesheet" href="style.css">  </head>  <body>  <div class="container">  <div class="sidebar">  <h2>Top Up</h2>  <ul>  <li><a href="dashboard.php">Dashboard</a></li>  <li><a href="Item.php">Item</a></li>  <li><a href="penjualan.php">Pembelian</a></li>  <li><form action="../logout.php" method="post">  <button name="logout">Log Out</button>  </form></li>  </ul>  </div>  <div class="main-content">  <h1>Input Data Item</h1>  <a class="input" href="item.php">Batal</a>  <form action="item-proses.php" method="post">  <input type="hidden" name="id" value="<?= $data['id\_item'] ?>">  <div class="form-group">  <label for="nama">Nama Item:</label>  <input type="text" id="nama" name="nama" value="<?= $data['nama\_item']?>" required>  </div>  <div class="form-group">  <label for="harga">Harga:</label>  <input type="number" id="harga" name="harga" value="<?= $data['harga\_item']?>" required>  </div>  <div class="form-group">  <label for="stok">Stok:</label>  <input type="number" id="stok" name="stok" value="<?= $data['stok']?>" required>  </div>  <button type="submit" name="edit">Tambah Data</button>  </form>  </div>  </div>  </body>  </html> |

Hasil Tampilan :

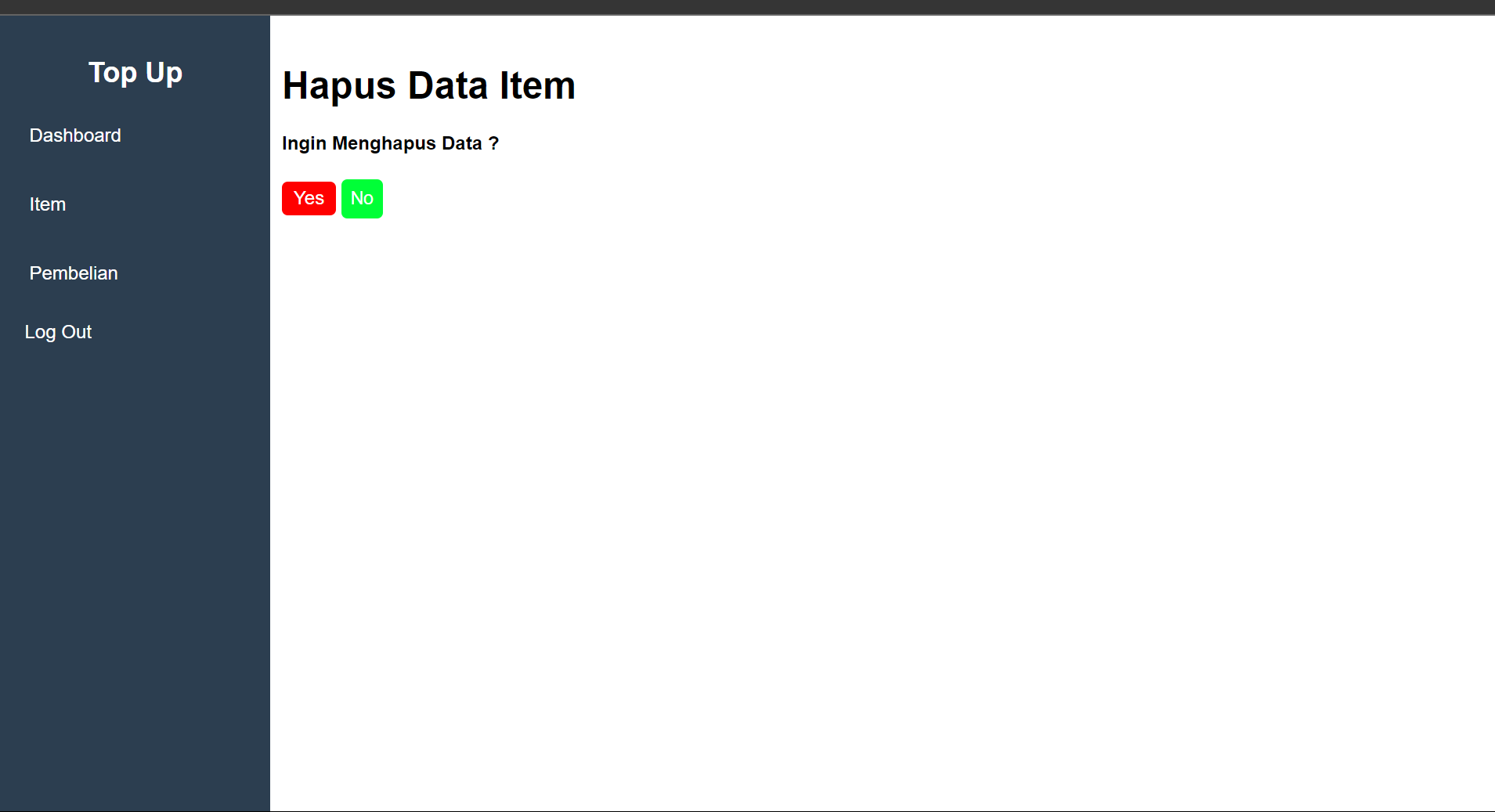


Gambar 7.7 Tampilan Edit Data

Source code form item-hapus.php:

|  |
| --- |
| <?php  include '../koneksi.php';  $id = $\_GET['id'];  if(!isset($\_GET['id'])) {  echo "  <script>  alert('Tidak ada ID yang Terdeteksi');  window.location = 'item.php';  </script>  ";  }  $sql = "SELECT \* FROM tb\_item WHERE id\_item = '$id'";  $result = mysqli\_query($koneksi, $sql);  $data = mysqli\_fetch\_assoc($result);  session\_start();  if ($\_SESSION['username'] == null) {  header('location: ../LOGIN.php');  }  ?>  <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Tabel dengan Sidebar</title>  <link rel="stylesheet" href="style.css">  </head>  <body>  <div class="container">  <div class="sidebar">  <h2>Top Up</h2>  <ul>  <li><a href="dashboard.php">Dashboard</a></li>  <li><a href="Item.php">Item</a></li>  <li><a href="penjualan.php">Pembelian</a></li>  <li><form action="../logout.php" method="post">  <button name="logout">Log Out</button>  </form></li>  </ul>  </div>  <div class="main-content">  <h1>Hapus Data Item</h1>  <div>  <h4>Ingin Menghapus Data ?</h4>  <form action="item-proses.php" method="post" enctype="multipart/form-data">  <input type="hidden" name="id" value="<?= $data['id\_item'] ?>">  <button type="submit" class="btn-yes" name="hapus">Yes</button>  <button class="simpan" type="submit" class="btn-no" name="tidak">No</button>  </form>  </div>  </div>  </div>  </body>  </html> |

Hasil Tampilan :



Gambar 7.8 Tampilan Delete Data

Analisa :

Program di atas adalah skrip PHP yang mengelola operasi CRUD (Create, Read, Update, Delete) untuk data item dalam sebuah aplikasi berbasis web menggunakan database MySQL. Ketika tombol "simpan" ditekan, skrip menyimpan data item baru ke dalam tabel tb\_item, memastikan semua field telah diisi sebelum menyimpan data dan memberikan umpan balik kepada pengguna melalui alert JavaScript. Jika tombol "edit" ditekan, skrip memperbarui data item yang ada berdasarkan ID-nya. Ketika tombol "hapus" ditekan, skrip menghapus data item dari tabel berdasarkan ID-nya dan memberikan umpan balik yang sesuai. Jika tidak ada aksi yang dikenali, pengguna diarahkan kembali ke halaman item.php.