LAPORAN PRAKTIKUM

PEMROGRAMAN WEB D

SOFTWARE ENGINEERING
LABORATORY

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INSTITUT TEKNOLOGI PLN

TEKNIK INFORMATIKA

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1) Login.php

```html
<!DOCTYPE html>
<html lang="id">
<head>
<meta charset="UTF-8">
<title>Login Admin</title>
<meta name="viewport" content="width=device-width, initial-scale=1.0">

<style>

/* ---------- GLOBAL ---------------*/
body{
    margin:0;
    font-family: "Poppins", sans-serif;
    background:#2A1D12; /* dark brown */
    display:flex;
    justify-content:center;
    align-items:center;
    min-height:100vh;
    padding:20px;
}

/* ---------- CARD ---------------*/
.container{
    width:100%;
    max-width:420px;
    background:#3C2A20;
    padding:40px 50px;
    border-radius:12px;
    box-shadow:0px 8px 25px rgba(0,0,0,0.5);
}

/* ---------- TITLE --------------*/
h2{
    color:#EEDAC6;
    text-align:center;
    margin-bottom:25px;
}

/* ---------- FORM INPUT ---------*/
label{
    display:inline-block;
    width:100%;
    max-width: 120px;
    color:#F4E6D7;
    font-weight:600;
    margin-bottom:6px;
}

input{
```

```css
    width:100%;
    padding:12px;
    border:none;
    outline:none;
    background:#E6D5C2;
    border-radius:6px;
    margin-bottom:18px;
    font-size:15px;

}

/* ---------- BUTTON -------------*/
button{
    width:100%;
    padding:12px;
    border:none;
    border-radius:6px;
    background:#6E4B3A;
    color:white;
    font-size:16px;
    font-weight:600;
    cursor:pointer;
    transition:.3s;
}

button:hover{
    background:#8b604b;
}

/* ---------- MOBILE -------------*/
@media(max-width:420px){
    .container{
        padding:25px;
    }
    h2{
        font-size:22px;
    }
}

</style>
</head>
<body>

<div class="container">
    <h2>Login Admin</h2>

    <form action="cek_login.php" method="POST">

        <label>Username</label>
        <input type="text" name="user" required>
```

```
        <label>Password</label>
        <input type="password" name="pass" required>

        <button type="submit">Login</button>
    </form>
</div>

</body>
</html>
```

2) Cek_login.php

```php
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <?php
    session_start();

    $user = $_POST['user'];
    $pass = $_POST['pass'];

    if($user == "admin" && $pass == "stxlii123"){
        $_SESSION['login'] = true;
        header("Location: list.php");
    } else {
        echo "<script>alert('Login gagal!');history.back();</script>";
    }
    ?>

</body>
</html>
```

3) List.php

```php
<?php
session_start();
if(!isset($_SESSION['login'])){
    header("Location: login.php");
    exit;
}

include "koneksi.php";

// tombol search
$cari = isset($_GET['cari'])? $_GET['cari'] : '';
```

```php
if($cari){
    $data = mysqli_query($koneksi,"
        SELECT * FROM mahasiswa
        WHERE nama LIKE '%$cari%' OR nim LIKE '%$cari%'
        ORDER BY id DESC
    ");
}else{
    $data = mysqli_query($koneksi,"
        SELECT * FROM mahasiswa
        ORDER BY id DESC
    ");
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>

<style>
body{
    font-family: Poppins, sans-serif;
    background:#2A1D12;
    color:#F5EDE4;
    margin:0;
    padding:0;
}

/* Title */
h2{
    text-align:center;
    background:#3C2A20;
    margin:0;
    padding:25px;
    font-size:30px;
    color:#FFE9CF;
    font-weight:600;
    border-bottom:3px solid #281A12;
}

/* Top menu */
a{
    color:#FFE1BD;
    text-decoration:none;
    font-weight:600;
```

```css
}
a:hover{
    color:#FFEECC;
}

/* Search bar */
form{
    width:90%;
    max-width:600px;
    margin:20px auto;
    text-align:center;
}

input[type="text"]{
    padding:12px;
    width:60%;
    border:none;
    border-radius:6px;
    background:#E7D8C8;
    font-family:Poppins;
    outline:none;
}
button{
    padding:12px 18px;
    border:none;
    border-radius:6px;
    background:#6E4B3A;
    color:white;
    cursor:pointer;
    font-size:15px;
    margin-left:6px;
}
button:hover{
    background:#8C624A;
}
form a{
    background:#5B3F31;
    padding:11px 15px;
    border-radius:6px;
    color:white;
}

/* Table */
table{
    width:95%;
    border-collapse:collapse;
    margin:20px auto;
    background:#3C2A20;
    border-radius:10px;
    overflow:hidden;
```

```css
}

th{
    background:#5A3E2F;
    padding:14px;
    font-weight:600;
    color:#FFEBD3;
}
td{
    padding:12px;
    background:#442F23;
    border-bottom:1px solid #2C1C14;
}

/* Hover row */
tr:hover td{
    background:#5A3E2F;
}

/* Number center */
td:first-child{
    text-align:center;
}

/* Aksi */
td a{
    color:#FFDDBA;
}
td a:hover{
    color:#fff;
}
/* top button */
.top-btn{
    width:100%;
    display:flex;
    justify-content:flex-start; /* kiri */
    gap:10px;
    margin:0 0 20px 0; /* hilangkan auto center */
    flex-wrap:wrap;
}

.btn{
    padding:12px 20px;
    border-radius:8px;
    text-decoration:none;
    font-weight:600;
    font-size:15px;
    display:inline-block;
    box-shadow:0 2px 5px rgba(0,0,0,.3);
}
```

```css
/* warna */
.brown{ background:#6E4B3A; color:#fff; }
.green{ background:#5A3E2F; color:#fff; }

/* hover */
.btn:hover{
    filter:brightness(.9);
}

/* mobile */
@media(max-width:600px){
    .top-btn{
        flex-direction:column;
    }
    .btn{
        width:100%;
        text-align:center;
    }
}
.aksi{
    display:flex;
    justify-content:center;
    gap:8px;
}

.btn-edit, .btn-delete{
    padding:8px 14px;
    border-radius:6px;
    font-size:14px;
    text-decoration:none;
    color:#FFECDC;
    font-weight:600;
}

/* Edit Button */
.btn-edit{
    background:#6E4B3A;
}
.btn-edit:hover{
    background:#8C624A;
}

/* Delete Button */
.btn-delete{
    background:#5B3F31;
}
.btn-delete:hover{
    background:#735043;
}
```

```html
</style>

<title>Data Mahasiswa</title>
</head>
<body>
<h2>Data Mahasiswa</h2>

<!-- logout -->
<div class="top-btn">
    <a href="logout.php" class="btn brown">Logout</a>
    <a href="index.php" class="btn green">Tambah Data</a>
</div>

<br><br>

<!-- Form Search -->
<form method="GET" action="">
    <input type="text" name="cari" placeholder="Cari NIM / Nama..."
           value="<?= htmlspecialchars($cari); ?>">
    <button type="submit">Search</button>
    <a href="list.php">Reset</a>
</form>

<br>

<table border="1" cellpadding="6">
<tr>
    <th>No</th>
    <th>NIM</th>
    <th>Nama</th>
    <th>Program Studi</th>
    <th>Jenis Kelamin</th>
    <th>Alamat</th>
    <th>Aksi</th>
</tr>

<?php
$no=1;
while($row = mysqli_fetch_assoc($data)){
?>
<tr>
    <td><?= $no++; ?></td>
    <td><?= $row['nim']; ?></td>
    <td><?= $row['nama']; ?></td>
    <td><?= $row['prodi']; ?></td>
    <td><?= $row['jk']; ?></td>
    <td><?= $row['alamat']; ?></td>
    <td class="aksi">
```

```php
    <a href="edit.php?id=<?= $row['id']; ?>" class="btn-edit">Edit</a>
    <a href="hapus.php?id=<?= $row['id']; ?>" class="btn-delete" onclick="return
confirm('Anda yakin ingin Hapus data?')">Delete</a>
    </td>

</tr>
<?php } ?>

</table>
</body>
</html>
```

4) Koneksi.php

```php
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <?php
    $host   = "localhost";
    $user   = "root";
    $pass   = "";
    $dbname = "db_mahasiswa";

    $koneksi = mysqli_connect($host, $user, $pass, $dbname);

    if(!$koneksi){
        die("Koneksi gagal : ".mysqli_connect_error());
    }
    ?>

</body>
</html>
```

5) Proses_koneksi.php

```php
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <?php
include "koneksi.php";
```

```php
// ambil data
$nim    = trim($_POST['nim']);
$nama   = trim($_POST['nama']);
$prodi  = trim($_POST['prodi']);
$jk     = trim($_POST['jk']);
$alamat = trim($_POST['alamat']);

// VALIDASI FORM KOSONG
if($nim=="" || $nama=="" || $prodi=="" || $jk=="" || $alamat==""){
    echo "<script>alert('Semua form harus diisi');history.back();</script>";
    exit;
}

// cek NIM sudah ada/belum
$cekNim = mysqli_query($koneksi,"SELECT * FROM mahasiswa WHERE nim='$nim'");
if(mysqli_num_rows($cekNim) > 0){
    echo "<script>alert('NIM sudah digunakan!');history.back();</script>";
    exit;
}

// simpan ke database
$query = "INSERT INTO mahasiswa (nim,nama,prodi,jk,alamat)
VALUES ('$nim','$nama','$prodi','$jk','$alamat')";

if(mysqli_query($koneksi, $query)){
    header("Location: list.php");
}else{
    echo "Gagal!";
}
?>

</body>
</html>
```

6) Index.php atau tambah data

```php
<?php
session_start();
if(!isset($_SESSION['login']) || $_SESSION['login'] !== true){
    header("Location: login.php");
    exit;
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Input Data Mahasiswa</title>
```

```css
<style>

body{
    font-family: Poppins, sans-serif;
    background: #2C1E13;
    margin:0;
    padding:0;
}

h2{
    text-align:center;
    color:#EED9C4;
    margin-top:30px;
}

form{
    width:90%;
    max-width:450px;
    background:#3B281B;
    padding:25px;
    border-radius:10px;
    margin:40px auto;
    box-shadow: 0 0 15px rgba(0,0,0,0.5);
    color:white;
}

label{
    font-weight:600;
    color:#F5E6D3;
}

input, select, textarea{
    width:100%;
    padding:10px;
    border:none;
    border-radius:5px;
    margin-top:6px;
    background:#EADBC8;
    font-size:15px;
    font-family:Poppins;
    outline:none;
    margin-bottom:14px;
}

textarea{
    height:80px;
}

button{
```

```css
        background:#6E4B3A;
        padding:10px 18px;
        border:none;
        border-radius:5px;
        cursor:pointer;
        color:#fff;
        font-weight:600;
        transition:0.3s;
}

button:hover{
        background:#8b604b;
}

.btn-row{
        display:flex;
        gap:10px;
        justify-content:center;
        margin-top:10px;
}

.btn-back{
        background:#A67B5B;
        padding:10px 18px;
        border-radius:5px;
        color:white;
        text-decoration:none;
        font-weight:600;
        display:inline-block;
}

.btn-back:hover{
        background:#C18D67;
}

</style>

</head>

<body>

<h2>Form Input Data Mahasiswa</h2>

<form action="proses_koneksi.php" method="POST">

        <label>NIM</label>
        <input type="text" name="nim" required>

        <label>Nama</label>
        <input type="text" name="nama" required>
```

```html
    <label>Program Studi</label>
    <input type="text" name="prodi" required>

    <label>Jenis Kelamin</label>
    <select name="jk" required>
        <option value="" selected disabled>-- pilih jenis kelamin --</option>
        <option value="Laki-laki">Laki-laki</option>
        <option value="Perempuan">Perempuan</option>
    </select>

    <label>Alamat</label>
    <textarea name="alamat" required></textarea>

    <div class="btn-row">
        <button type="submit">Simpan</button>
        <a href="list.php" class="btn-back">Kembali</a>
    </div>

</form>

</body>
</html>
```

7) Edit.php

```php
<?php
session_start();
if(!isset($_SESSION['login']) || $_SESSION['login'] !== true){
    header("Location: login.php");
    exit;
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Edit Data Mahasiswa</title>

    <style>
        body{
            font-family:Poppins,sans-serif;
            margin:0;
            padding:0;
            background:#2A1D12;
            color:#FFEEDB;
        }
```

```css
    h2{
        text-align:center;
        background:#3C2A20;
        margin:0 0 20px 0;
        padding:20px;
        color:#FFE9CF;
        border-bottom:3px solid #281A12;
        font-size:26px;
    }

    form{
        width:90%;
        max-width:550px;
        background:#3C2A20;
        margin:25px auto;
        padding:25px;
        border-radius:12px;
        box-sizing:border-box;
        box-shadow:0 0 10px rgba(0,0,0,.3);
    }

    label{
        font-weight:500;
        margin-bottom:6px;
        display:block;
    }

    input, select, textarea{
        width:100%;
        padding:10px 12px;
        border-radius:6px;
        border:none;
        background:#E8D4C1;
        font-size:15px;
        margin-bottom:18px;
        box-sizing:border-box;
        font-family:Poppins;
    }

    textarea{
        min-height:100px;
    }

    button{
        padding:12px 22px;
        background:#6B4533;
        border:none;
        color:white;
        border-radius:6px;
        font-size:16px;
```

```css
            cursor:pointer;
        }
        button:hover{
            background:#88604A;
        }

        .button-row{
            display:flex;
            gap:10px;
            justify-content:center;
            margin-top:10px;
        }

        .btn-back{
            background:#5B3F31;
            padding:12px 25px;
            border-radius:6px;
            color:white;
            text-decoration:none;
            display:inline-block;
            font-weight:600;
        }

        .btn-back:hover{
            background:#6B4A3C;
        }
    </style>
</head>

<body>

<?php
include "koneksi.php";
$id = $_GET['id'];
$q  = mysqli_query($koneksi,"SELECT * FROM mahasiswa WHERE id='$id'");
$data = mysqli_fetch_assoc($q);
?>

<h2>Edit Data Mahasiswa</h2>

<form action="update.php?id=<?= $id ?>" method="POST">

    <label>NIM</label>
    <input type="text" name="nim" value="<?= $data['nim']; ?>" required>

    <label>Nama</label>
    <input type="text" name="nama" value="<?= $data['nama']; ?>" required>

    <label>Program Studi</label>
    <input type="text" name="prodi" value="<?= $data['prodi']; ?>" required>
```

```html
    <label>Jenis Kelamin</label>
    <select name="jk">
        <option value="Laki-laki"   <?= ($data['jk']=="Laki-
laki")?'selected':'';?>>Laki-laki</option>
        <option value="Perempuan"    <?=
($data['jk']=="Perempuan")?'selected':'';?>>Perempuan</option>
    </select>

    <label>Alamat</label>
    <textarea name="alamat" required><?= $data['alamat']; ?></textarea>

    <div class="button-row">
        <button type="submit">Update</button>
        <a href="list.php" class="btn-back">Kembali</a>
    </div>

</form>

</body>
</html>
```

8) Update.php

```php
<?php
session_start();
if(!isset($_SESSION['login']) || $_SESSION['login'] !== true){
    header("Location: login.php");
    exit;
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <?php
include "koneksi.php";

$id = $_GET['id'];

$nim    = $_POST['nim'];
$nama   = $_POST['nama'];
$prodi  = $_POST['prodi'];
$jk     = $_POST['jk'];
$alamat = $_POST['alamat'];
```

```php
mysqli_query($koneksi,"UPDATE mahasiswa SET
    nim='$nim',
    nama='$nama',
    prodi='$prodi',
    jk='$jk',
    alamat='$alamat'
    WHERE id='$id'");

header("Location: list.php");
?>
</body>
</html>
```

9) Hapus.php

```php
<?php
session_start();
if(!isset($_SESSION['login']) || $_SESSION['login'] !== true){
    header("Location: login.php");
    exit;
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <?php
    include "koneksi.php";

    $id = $_GET['id'];
    mysqli_query($koneksi,"DELETE FROM mahasiswa WHERE id='$id'");
    header("Location: list.php");
    ?>

</body>
</html>
```

10) Logout.php

```php
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
```
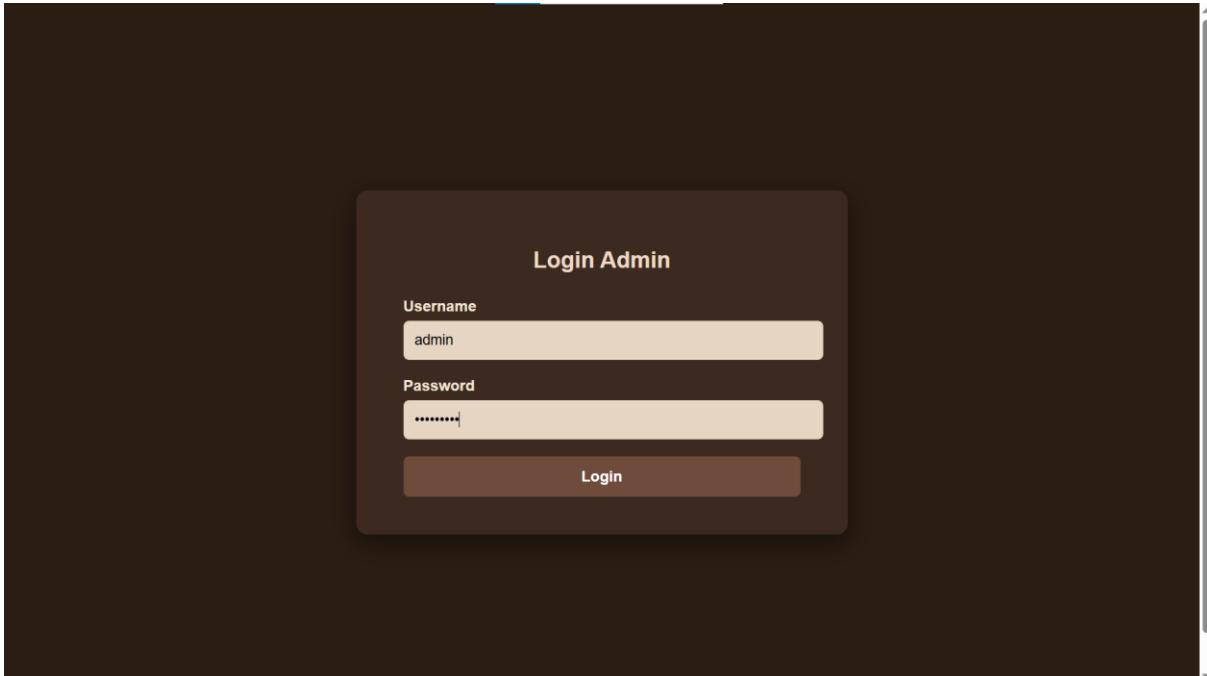
```
<body>
    <?php
    session_start();
    session_destroy();
    header("Location: login.php");
    ?>

</body>
</html>
```

11) Tampilan Login

12) Tampilan List

13) Tampilan Tambah Data

Form Input Data Mahasiswa

NIM

Nama

Program Studi

Jenis Kelamin

-- pilih jenis kelamin --

Alamat

Simpan   Kembali

14) Tampilan Edit

Edit Data Mahasiswa

NIM

202441182
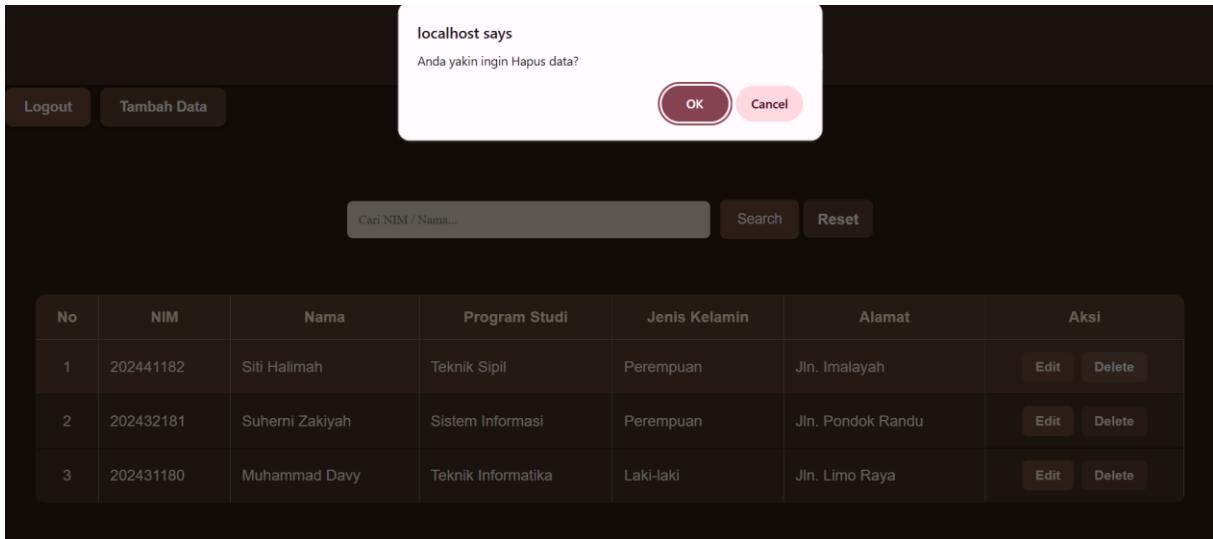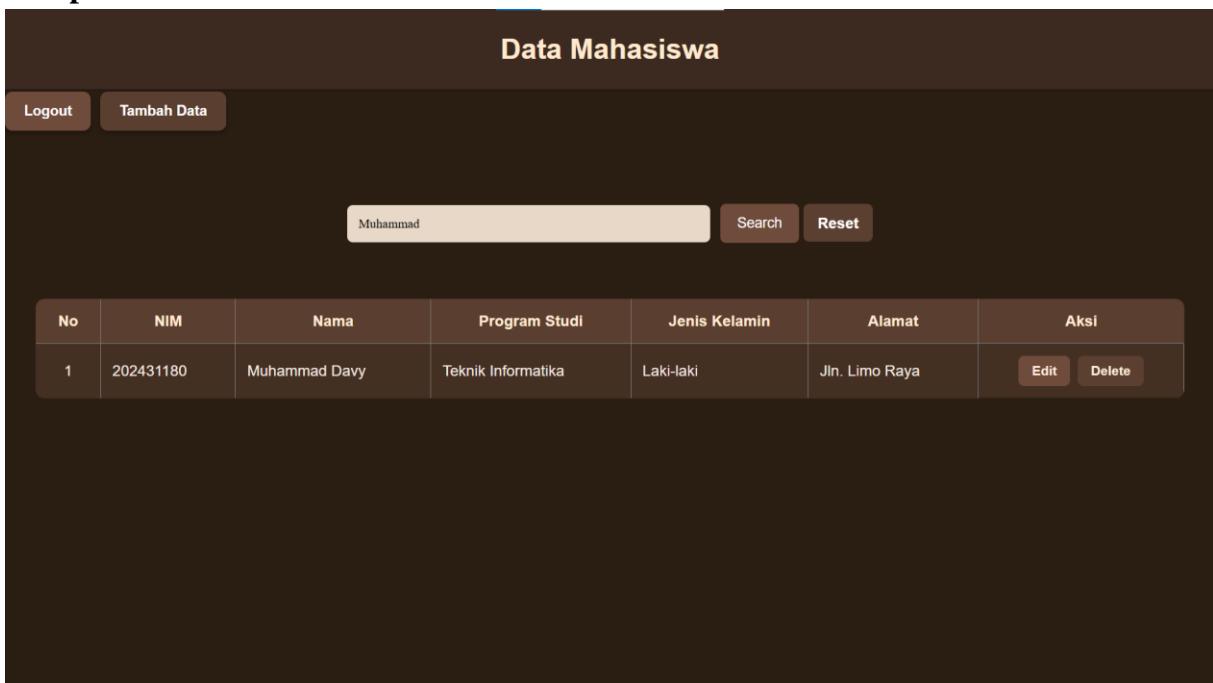
Nama

Siti Halimah
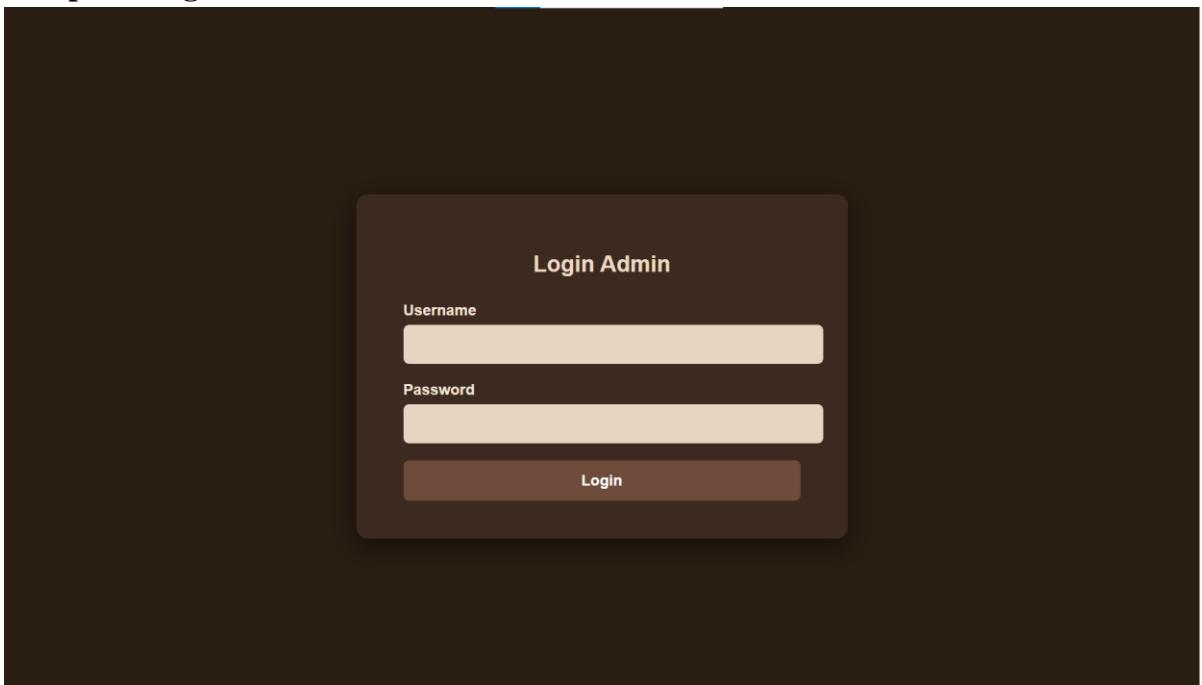
Program Studi

Teknik Sipil

Jenis Kelamin

Perempuan

Alamat

Jln. Imalayah

Update   Kembali

15) Tampilan Hapus

16) Tampilan Search

17) Tampilan Logout

18) Tampilan Database db_mahasiswa

19) Tampilan Tabel mahasiswa