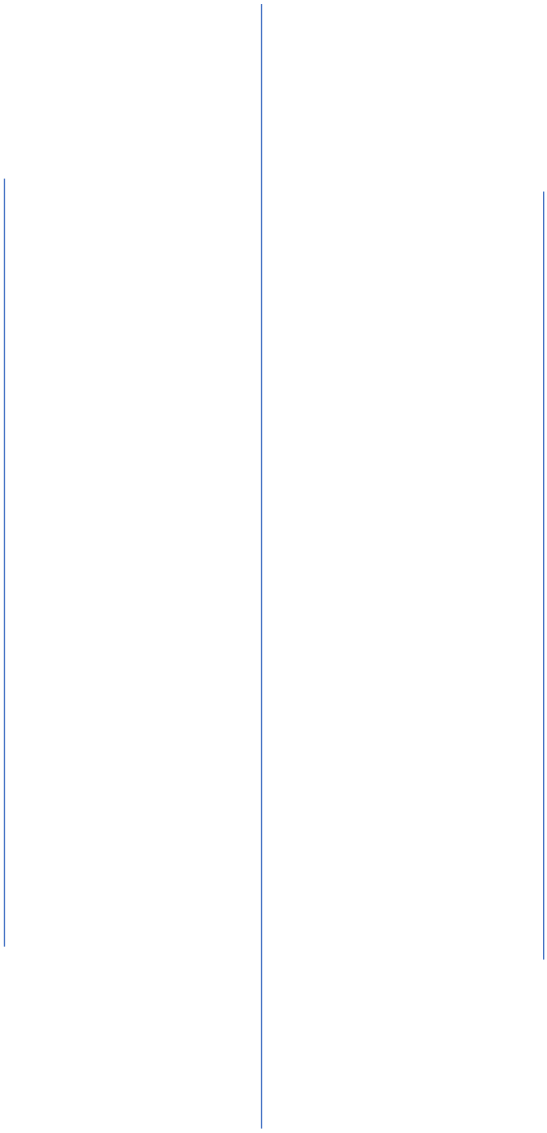
Laporan Tugas

Pemrograman Web Dinamis



Modul 9

D

Jarot Setiawan

L200190247

1. **Function.php**

```php
<?php
    // koneksi ke db
    $conn = mysqli_connect('localhost','root','','kuliah');

    function query($query){
        global $conn;
        $result = mysqli_query($conn, $query);
        echo mysqli_error($conn);
        $rows = [];
        while ($row = mysqli_fetch_assoc($result)){
            $rows[] = $row;
        }
        return $rows;
    }

    function register(){
        global $conn;

        $username = strtolower($_POST['user']);
        $password = mysqli_real_escape_string($conn, $_POST['pass']);
        $konfimrasi = mysqli_real_escape_string($conn, $_POST['konfirmasi']);

        $result = mysqli_query($conn, "select username from akun where username='$username'");

        if (mysqli_fetch_assoc($result)){
            echo "<script>
                alert('username sudah terdaftar')
            </script>";
            return false;
        }

        if ($password !== $konfimrasi){
            echo "<script>
                alert('konfirmasi password tidak sesuai')
            </script>";
            return false;
        }

        $password = password_hash($password, PASSWORD_DEFAULT);

        mysqli_query($conn, "insert into akun values ('', '$username', '$password')");
```

```
43.
44.         return mysqli_affected_rows($conn);
45.     }
46.
47.     function upload(){
48.
49.         $namaFile = $_FILES['gambar']['name'];
50.         $ukuranFile = $_FILES['gambar']['size'];
51.         $error = $_FILES['gambar']['error'];
52.         $tmpName = $_FILES['gambar']['tmp_name'];
53.
54.         if ($error == 4){
55.             echo "<script>
56.                 alert('Gambar belum diupload');
57.             </script>";
58.             return false;
59.         }
60.
61.         $ekstensiFile = ['jpeg', 'jpg', 'png'];
62.         $ekstensiGambar = explode('.', $namaFile);
63.         $ekstensiGambar = strtolower(end($ekstensiGambar));
64.
65.         // cek ekstensi
66.         if(!in_array($ekstensiGambar, $ekstensiFile)){
67.             echo "<script>
68.                 alert('Ekstensi harus jpeg jpg png');
69.             </script>";
70.             return false;
71.         } elseif($ukuranFile > 500000){
72.             echo "<script>
73.                 alert('Ukuran terlalu besar');
74.             </script>";
75.             return false;
76.         } else {
77.             $namaBaru = uniqid();
78.             $namaBaru .= ".";
79.             $namaBaru .= $ekstensiGambar;
80.             move_uploaded_file($tmpName, "./asset/img/".$namaBaru);
81.
82.             return $namaBaru;
83.         }
84.     }
85.
86.     function tambah($data){
87.         global $conn;
```

```
88.
89.         $nama = htmlspecialchars($data['nama']);
90.         $nim = htmlspecialchars($data['nim']);
91.         $email = htmlspecialchars($data['email']);
92.         $jurusan = htmlspecialchars($data['jurusan']);
93.         // $gambar = htmlspecialchars($data['gambar']);
94.
95.         $gambar = upload();
96.
97.         if($gambar){
98.             $query_insert = "insert into mahasiswa values ('', '$nim',
    '$nama', '$email', '$jurusan', '$gambar')";
99.             mysqli_query($conn, $query_insert);
100.             }
101.
102.             return mysqli_affected_rows($conn);
103.         }
104.
105.         function hapus($id){
106.             global $conn;
107.
108.             $query_delete = "delete from mahasiswa where id=$id";
109.             mysqli_query($conn, $query_delete);
110.
111.             return mysqli_affected_rows($conn);
112.         }
113.
114.         function edit($data){
115.             global $conn;
116.
117.             $nama = htmlspecialchars($data['nama']);
118.             $nim = htmlspecialchars($data['nim']);
119.             $email = htmlspecialchars($data['email']);
120.             $jurusan = htmlspecialchars($data['jurusan']);
121.             $gambarlama = htmlspecialchars($data['gambar']);
122.             $id = $data['id'];
123.
124.             //cek jika ubah gambar
125.             if($_FILES['gambar']['error'] == 4){
126.                 $gambar = $gambarlama;
127.             } else {
128.                 $gambar = upload();
129.             }
130.
131.             if($gambar){
```

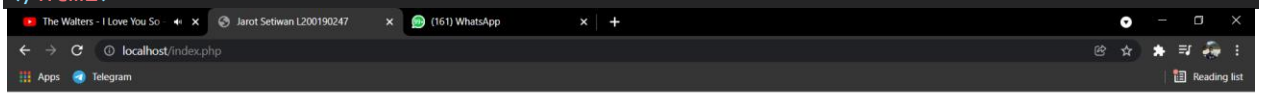
```
132.                 $query_insert = "update mahasiswa set nim='$nim',
    nama='$nama', email='$email', jurusan='$jurusan', gambar='$gambar' where
    id=$id";
133.                 mysqli_query($conn, $query_insert);
134.             }
135.
136.             return mysqli_affected_rows($conn);
137.         }
138.
139.         function cari($keyword){
140.             $query = "select * from mahasiswa where
141.                 nama like '%$keyword%' or
142.                 nim like '%$keyword%' or
143.                 jurusan like '%$keyword%' or
144.                 email like '%$keyword%'
145.                 ";
146.             return query($query);
147.         }
148.
149.     ?>
```

2. Index.php

```
<?php
    session_start();
    require("function.php");

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



    //tekan tombol cari
    if(isset($_POST['cari'])){
        $mahasiswa = cari($_POST['keyword']);
    } else {
        $mahasiswa = query("SELECT * from mahasiswa");
    }

?>

<html>
<head>
```

```
    <title>Jarot Setiwan L200190247</title>
</head>
<body>
    <h1>Daftar Mahaiswa</h1>
    <br>
    <br>
    <a href="logout.php">Log out</a>
    <br>
    <br>
    <a href="tambah.php">Tambah Data Mahasiswa</a>
    <br>
    <br>
    <form action="" method="post">
        <input type="text" name="keyword" size="40" autofocus
placeholder="Masukkan kata pencarian" autocomplete="off" id="keyword">
        <button type="submit" name="cari" id="tombolCari">Cari</button>
    </form>

    <br>
    <div id="container">
    <table border="1" cellpadding="10" cellspacing="0">
        <tr>
            <th>No</th>
            <th>Aksi</th>
            <th>NIM</th>
            <th>Nama</th>
            <th>Email</th>
            <th>Jurusan</th>
            <th>Gambar</th>
        </tr>
        <?php $i=1; ?>
        <?php foreach ($mahasiswa as $row): ?>
        <tr>
            <td><?= $i ?>.</td>
            <td><a href="edit.php?id=<?= $row['id'] ?>">edit</a> | <a
href="delete.php?id=<?= $row['id'] ?>" onclick="return confirm('Apakah yakin
ingin menghapus data?')">delete</a></td>
            <td><?= $row["nim"] ?></td>
            <td><?= $row["nama"] ?></td>
            <td><?= $row["email"] ?></td>
            <td><?= $row["jurusan"] ?></td>
            <td><img src="asset/img/<?= $row["gambar"] ?>" width="50"></td>
            <?php $i++ ?>
        </tr>
        <?php endforeach ?>
```

```
    </table>
    </div>

<script type="text/javascript" src="js/script.js">

</script>
</body>
</html>
```



Daftar Mahaiswa

Log out

Tambah Data Mahasiswa

Masukkan kata pencarian | Cari

No	Aksi	NIM	Nama	Email	Jurusan	Gambar
1.	edit | delete	l200190243	Jarot	jarot@email.com	informatika	
2.	edit | delete	l200190244	Toraj	toraj@email.com	informatika	
3.	edit | delete	l200190245	Setiawan	setiawan@email.com	informatika	
4.	edit | delete	l200190246	Nawaites	nawaites@email.com	informatika	
5.	edit | delete	l200190247	Jarotstwn	jarotstwn@email.com	informatika	

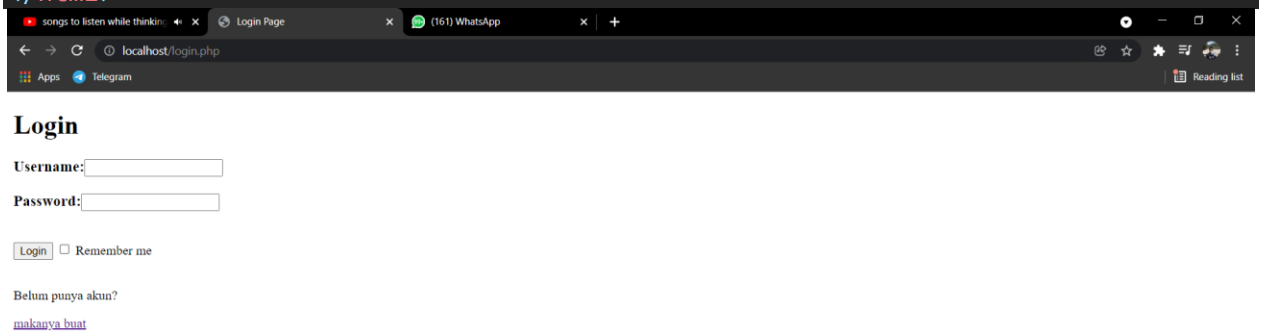
---

3. login.php

```
<!DOCTYPE html>
<html>
<head>
    <title>Login Page</title>
    <?php
        session_start();
        if(isset($_COOKIE['login'])){
            if ($_COOKIE['login'] == 'true'){
                $_SESSION['login'] = true;
            }
        }

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

```
        require 'function.php';

        if (isset($_POST['login'])){
            $username = $_POST['user'];
            $password = $_POST['pass'];

            $result = mysqli_query($conn, "select * from akun where username =
'$username'");

            if (mysqli_num_rows($result) === 1){

                $row = mysqli_fetch_assoc($result);
                if(password_verify($password, $row['password'])){

                    $_SESSION['login'] = true;

                    if(isset($_POST['remember'])){
                        setcookie('login', 'true', time()+60);
                    }

                    header(("Location:index.php"));
                    exit;
                }
            }

            $error = true;
        }
    ?>
</head>
<body>
    <h1>Login</h1>

        <?php if(isset($error)): ?>
            <p style="color: red; font-style: italic;">Username / Password
Salah</p>
        <?php endif; ?>

    <form method="post" action="">
        <h3>Username:<input type="text" name="user"></h3>
        <h3>Password:<input type="password" name="pass"></h3>
        <br>
        <input type="submit" name="login" value="Login">
        <input type="checkbox" name="remember">
          Remember me
```

```
        <br>
        <br>
        <p>Belum punya akun?</p><a href="register.php">makanya buat</a>
    </form>
</body>
</html>
```

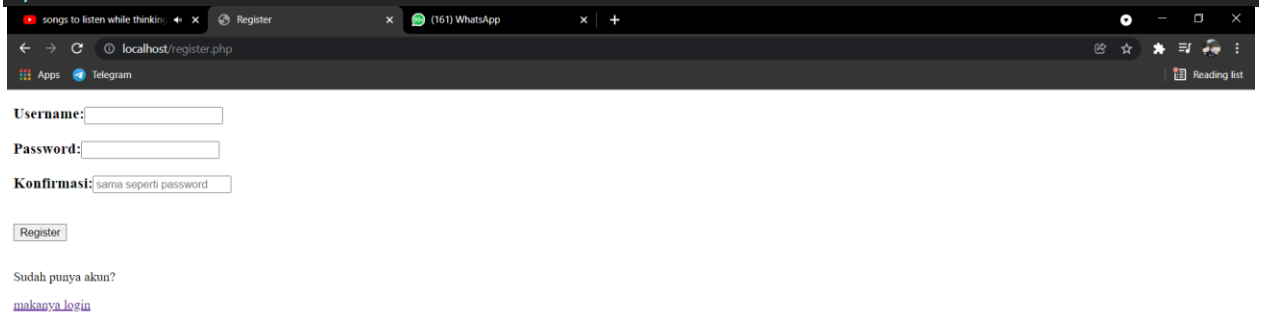


---

4. register.php

```
<!DOCTYPE html>
<html>
<head>
    <title>Register</title>
    <?php
        require 'function.php';
        if (isset($_POST['register'])){
            if(register() > 0){
                echo "<script>
                alert('user telah ditambahkan')
            </script>";
            } else {
                echo mysqli_error($conn);
            }
        }
    ?>
</head>
<body>
```

```
    <form method="post" action="">
        <h3>Username:<input type="text" name="user"></h3>
        <h3>Password:<input type="password" name="pass"></h3>
        <h3>Konfirmasi:<input type="password" name="konfirmasi" placeholder="sama
seperti password"></h3>
        <br>
        <input type="submit" name="register" value="Register">
        <br>
        <br>
        <p>Sudah punya akun? </p><a href="login.php">makanya login</a>
    </form>
</body>
</html>
```



---

5. script.js

```
//ambil elemen html
var keyword = document.getElementById('keyword');
var tombolCari = document.getElementById('tombolCari');
var container = document.getElementById('container');

//event dlm field keyword
keyword.addEventListener('keyup', function(){
    //membuat objek ajax
    var xhr = new XMLHttpRequest();

    //cek kesiapan ajax
```

```
    xhr.onreadystatechange = function(){
        if(xhr.readyState == 4 && xhr.status == 200){
            container.innerHTML = xhr.responseText;
        }
    }
    // buat ajax
    xhr.open('GET', 'ajax/mahasiswa.php?keyword='+keyword.value, true);
    xhr.send();
});
```

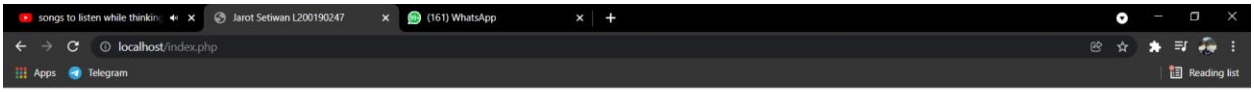
6. mahasiswa.php

```
<?php
    require "../function.php";

    $keyword = $_GET['keyword'];
    $query = "select * from mahasiswa where
        nama like '%$keyword%' or
        nim like '%$keyword%' or
        jurusan like '%$keyword%' or
        email like '%$keyword%'
        ";
    $mahasiswa = query($query);

?>
    <table border="1" cellpadding="10" cellspacing="0">
        <tr>
            <th>No</th>
            <th>Aksi</th>
            <th>NIM</th>
            <th>Nama</th>
            <th>Email</th>
            <th>Jurusan</th>
            <th>Gambar</th>
        </tr>
        <?php $i=1; ?>
        <?php foreach ($mahasiswa as $row): ?>
        <tr>
            <td><?= $i ?>.</td>
            <td><a href="edit.php?id=<?= $row['id'] ?>">edit</a> | <a
href="delete.php?id=<?= $row['id'] ?>" onclick="return confirm('Apakah yakin
ingin menghapus data?')">delete</a></td>
            <td><?= $row["nim"] ?></td>
            <td><?= $row["nama"] ?></td>
            <td><?= $row["email"] ?></td>
```

```
            <td><?= $row["jurusan"] ?></td>
            <td><img src="asset/img/<?= $row["gambar"] ?>" width="50"></td>
            <?php $i++ ?>
        </tr>
        <?php endforeach ?>
    </table>
```

Percobaan Search AJAX:

Keyword = “a”



Daftar Mahaiswa

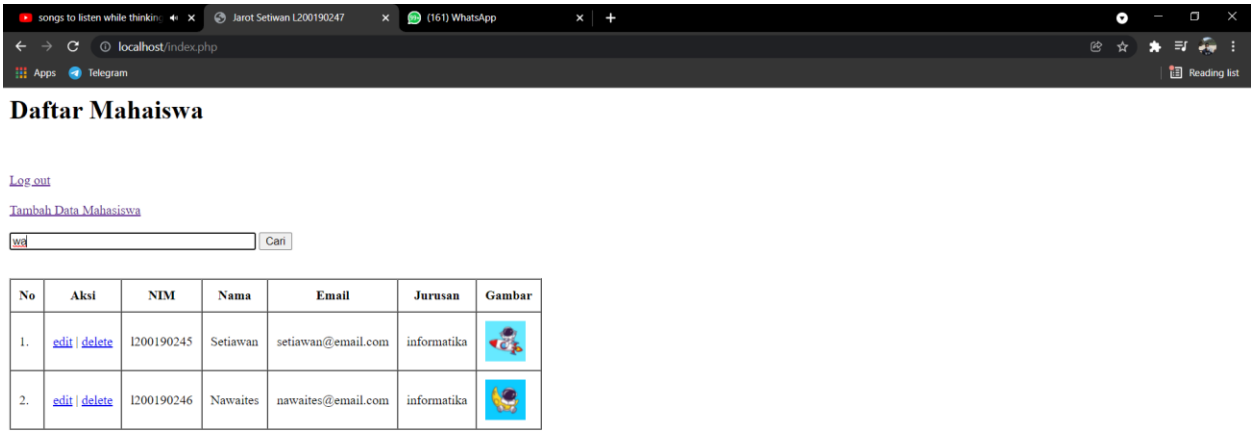
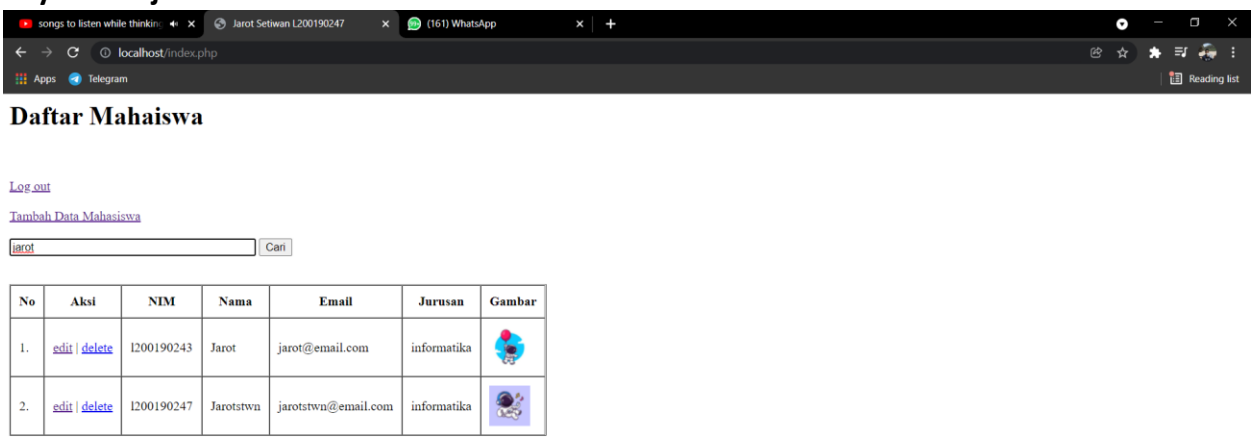
Log out

Tambah Data Mahasiswa

a Cari

No	Aksi	NIM	Nama	Email	Jurusan	Gambar
1.	edit | delete	l200190243	Jarot	jarot@email.com	informatika	
2.	edit | delete	l200190244	Toraj	toraj@email.com	informatika	
3.	edit | delete	l200190245	Setiawan	setiawan@email.com	informatika	
4.	edit | delete	l200190246	Nawaites	nawaites@email.com	informatika	
5.	edit | delete	l200190247	Jarotstwn	jarotstwn@email.com	informatika	

Keyoword = “wa”



Keyword=”jarot”