**Laporan Tugas**

**Pemrograman Web Dinamis**

**Modul 9**

**D**

**Jarot Setiawan**

**L200190247**

1. **Function.php**
2. <?php
3. *// koneksi ke db*
4. $conn = mysqli\_connect('localhost','root','','kuliah');
5. *function* query($query){
6. global $conn;
7. $result = mysqli\_query($conn, $query);
8. echo mysqli\_error($conn);
9. $rows = [];
10. *while* ($row = mysqli\_fetch\_assoc($result)){
11. $rows[] = $row;
12. }
13. *return* $rows;
14. }
15. *function* register(){
16. global $conn;
17. $username = strtolower($\_POST['user']);
18. $password = mysqli\_real\_escape\_string($conn, $\_POST['pass']);
19. $konfimrasi = mysqli\_real\_escape\_string($conn, $\_POST['konfirmasi']);
20. $result = mysqli\_query($conn, "select username from akun where username='$username'");
21. *if* (mysqli\_fetch\_assoc($result)){
22. echo "<script>
23. alert('username sudah terdaftar')
24. </script>";
25. *return* false;
26. }
27. *if* ($password !== $konfimrasi){
28. echo "<script>
29. alert('konfirmasi password tidak sesuai')
30. </script>";
31. *return* false;
32. }
33. $password = password\_hash($password, PASSWORD\_DEFAULT);
34. mysqli\_query($conn, "insert into akun values ('', '$username', '$password')");
35. *return* mysqli\_affected\_rows($conn);
36. }
37. *function* upload(){
38. $namaFile = $\_FILES['gambar']['name'];
39. $ukuranFile = $\_FILES['gambar']['size'];
40. $error = $\_FILES['gambar']['error'];
41. $tmpName = $\_FILES['gambar']['tmp\_name'];
42. *if* ($error == 4){
43. echo "<script>
44. alert('Gambar belum diupload');
45. </script>";
46. *return* false;
47. }
48. $ekstensiFile = ['jpeg', 'jpg', 'png'];
49. $ekstensiGambar = explode('.', $namaFile);
50. $ekstensiGambar = strtolower(end($ekstensiGambar));
51. *// cek ekstensi*
52. *if*(!in\_array($ekstensiGambar, $ekstensiFile)){
53. echo "<script>
54. alert('Ekstensi harus jpeg jpg png');
55. </script>";
56. *return* false;
57. } *elseif*($ukuranFile > 500000){
58. echo "<script>
59. alert('Ukuran terlalu besar');
60. </script>";
61. *return* false;
62. } *else* {
63. $namaBaru = uniqid();
64. $namaBaru .= ".";
65. $namaBaru .= $ekstensiGambar;
66. move\_uploaded\_file($tmpName, "./asset/img/".$namaBaru);
67. *return* $namaBaru;
68. }
69. }
71. *function* tambah($data){
72. global $conn;
73. $nama = htmlspecialchars($data['nama']);
74. $nim = htmlspecialchars($data['nim']);
75. $email = htmlspecialchars($data['email']);
76. $jurusan = htmlspecialchars($data['jurusan']);
77. *// $gambar = htmlspecialchars($data['gambar']);*
78. $gambar = upload();
79. *if*($gambar){
80. $query\_insert = "insert into mahasiswa values ('', '$nim', '$nama', '$email', '$jurusan', '$gambar')";
81. mysqli\_query($conn, $query\_insert);
82. }
83. *return* mysqli\_affected\_rows($conn);
84. }
85. *function* hapus($id){
86. global $conn;
87. $query\_delete = "delete from mahasiswa where id=$id";
88. mysqli\_query($conn, $query\_delete);
90. *return* mysqli\_affected\_rows($conn);
91. }
92. *function* edit($data){
93. global $conn;
94. $nama = htmlspecialchars($data['nama']);
95. $nim = htmlspecialchars($data['nim']);
96. $email = htmlspecialchars($data['email']);
97. $jurusan = htmlspecialchars($data['jurusan']);
98. $gambarlama = htmlspecialchars($data['gambar']);
99. $id = $data['id'];
100. *//cek jika ubah gambar*
101. *if*($\_FILES['gambar']['error'] == 4){
102. $gambar = $gambarlama;
103. } *else* {
104. $gambar = upload();
105. }
106. *if*($gambar){
107. $query\_insert = "update mahasiswa set nim='$nim', nama='$nama', email='$email', jurusan='$jurusan', gambar='$gambar' where id=$id";
108. mysqli\_query($conn, $query\_insert);
109. }
110. *return* mysqli\_affected\_rows($conn);
111. }
112. *function* cari($keyword){
113. $query = "select \* from mahasiswa where
114. nama like '%$keyword%' or
115. nim like '%$keyword%' or
116. jurusan like '%$keyword%' or
117. email like '%$keyword%'
118. ";
119. *return* query($query);
120. }
121. ?>

**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>

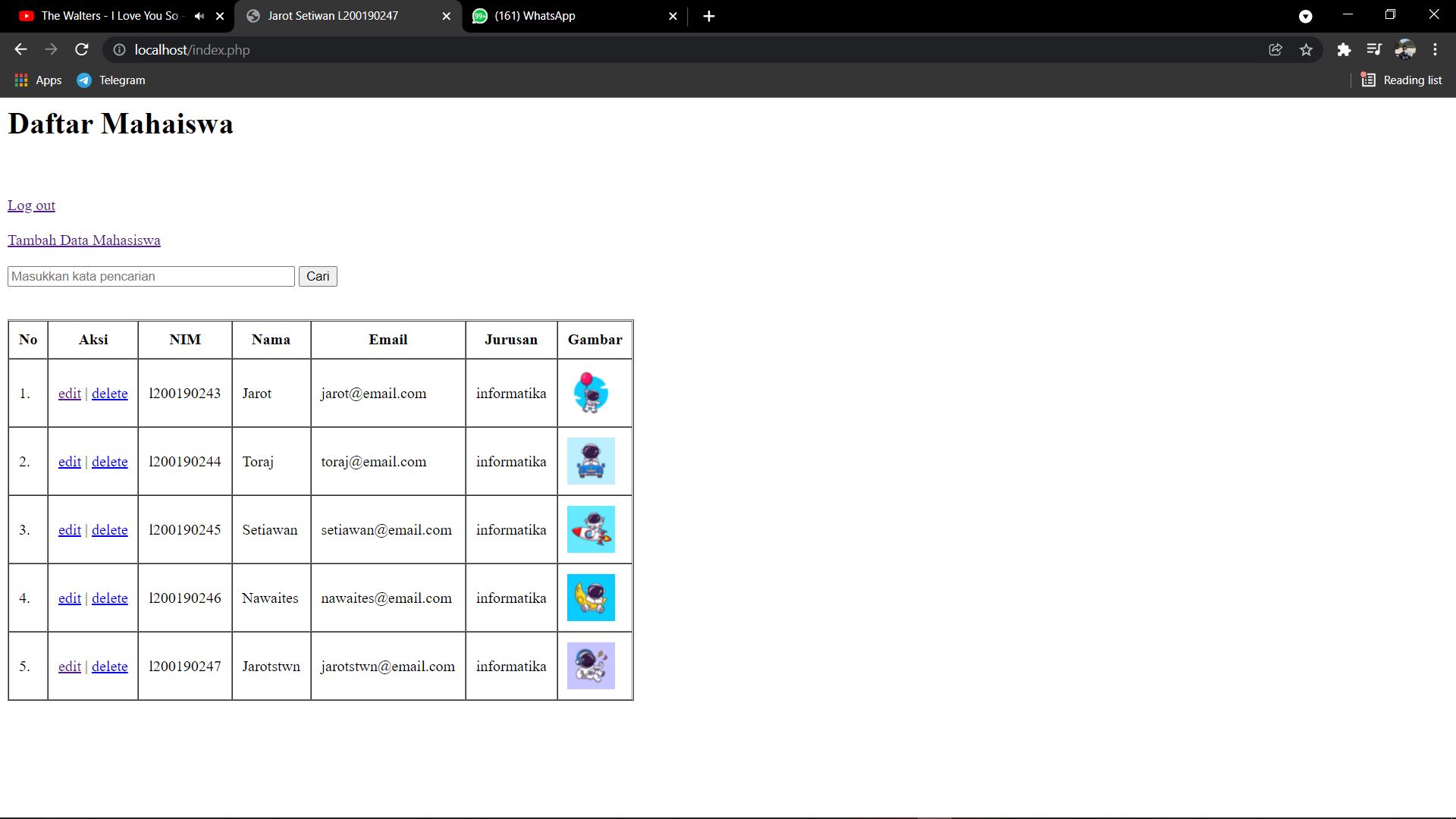
    </div>

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

</script>

</body>

</html>



**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>

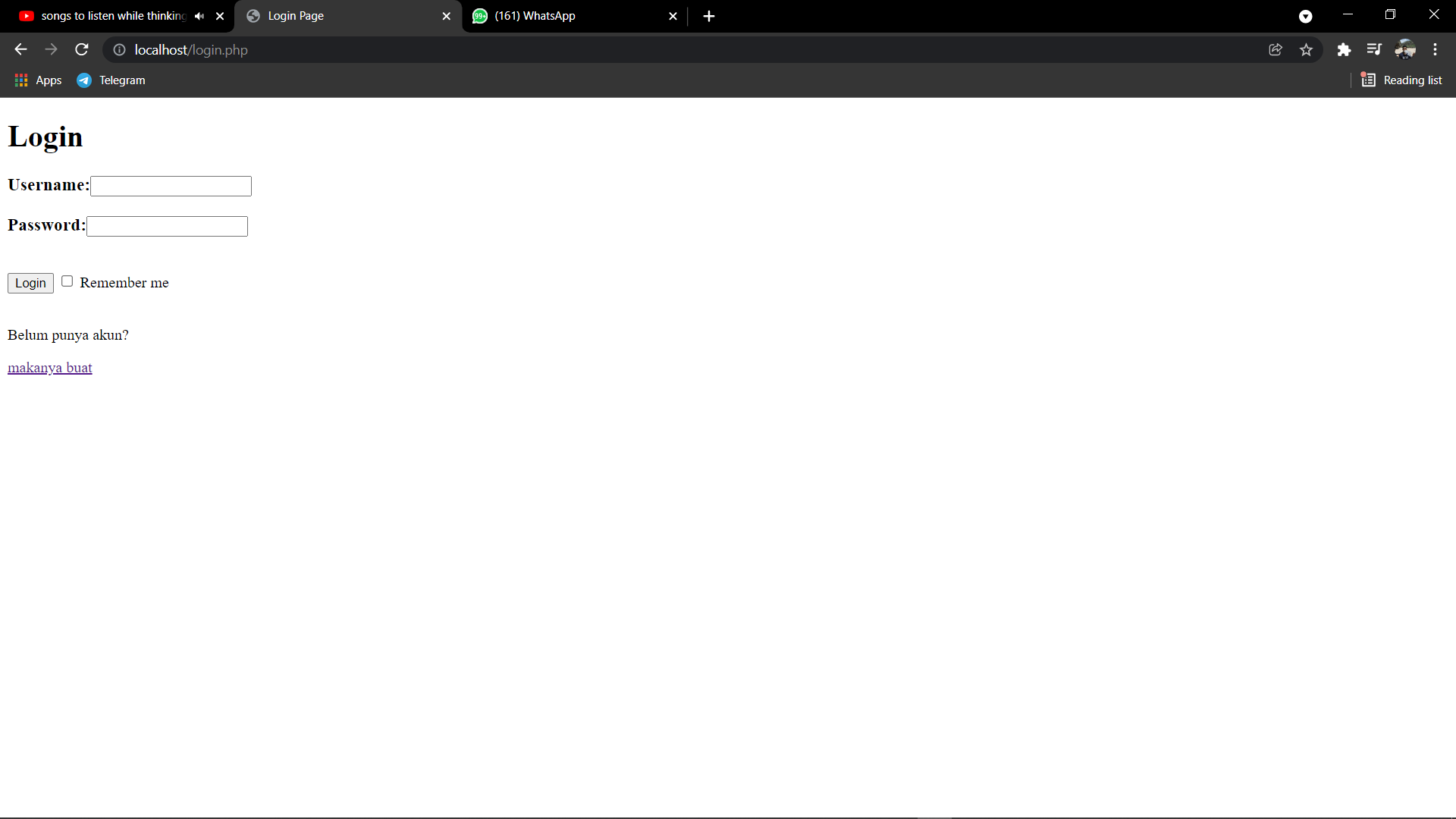
        <br>

        <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>

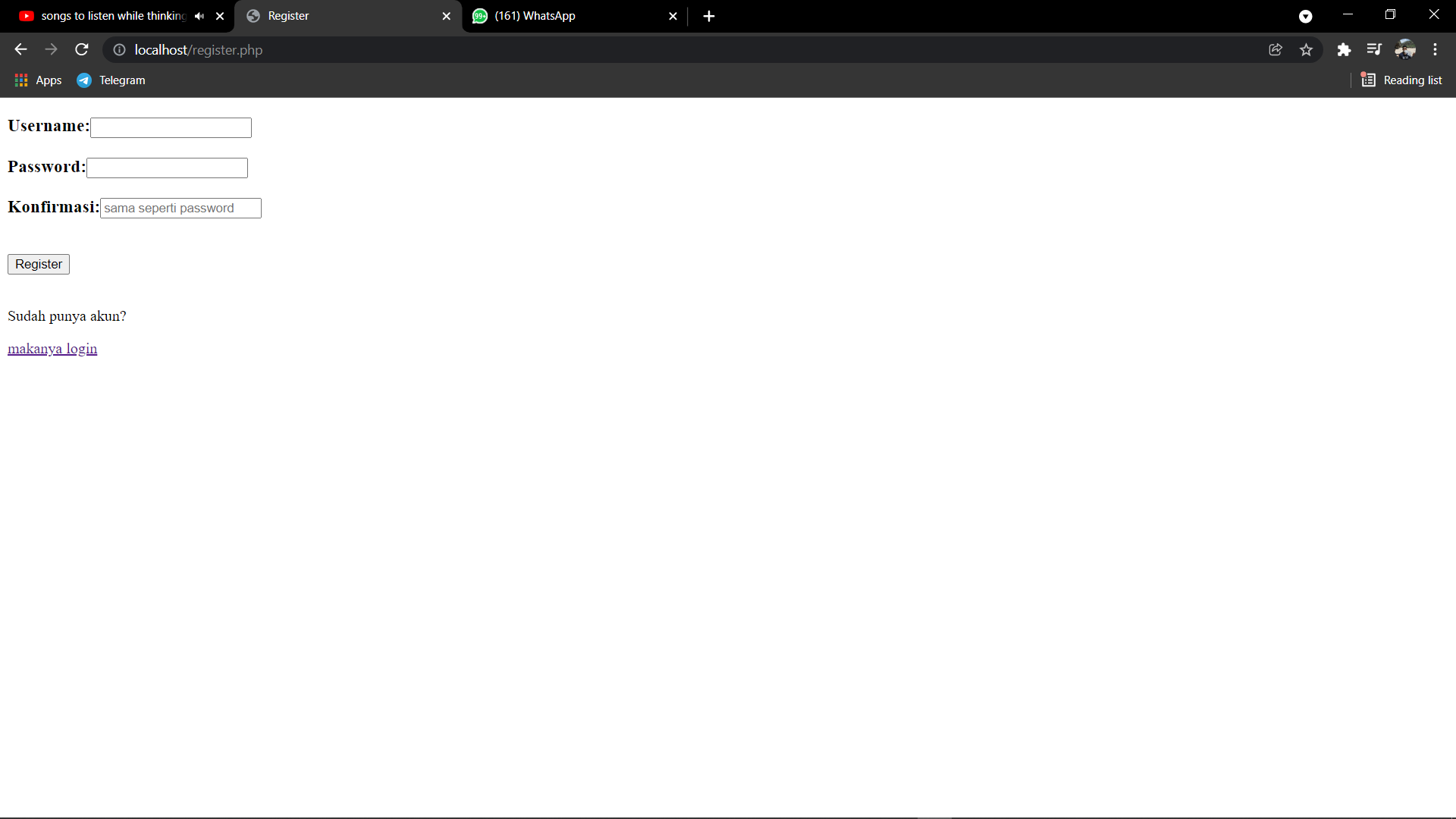
        <br>

        <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>

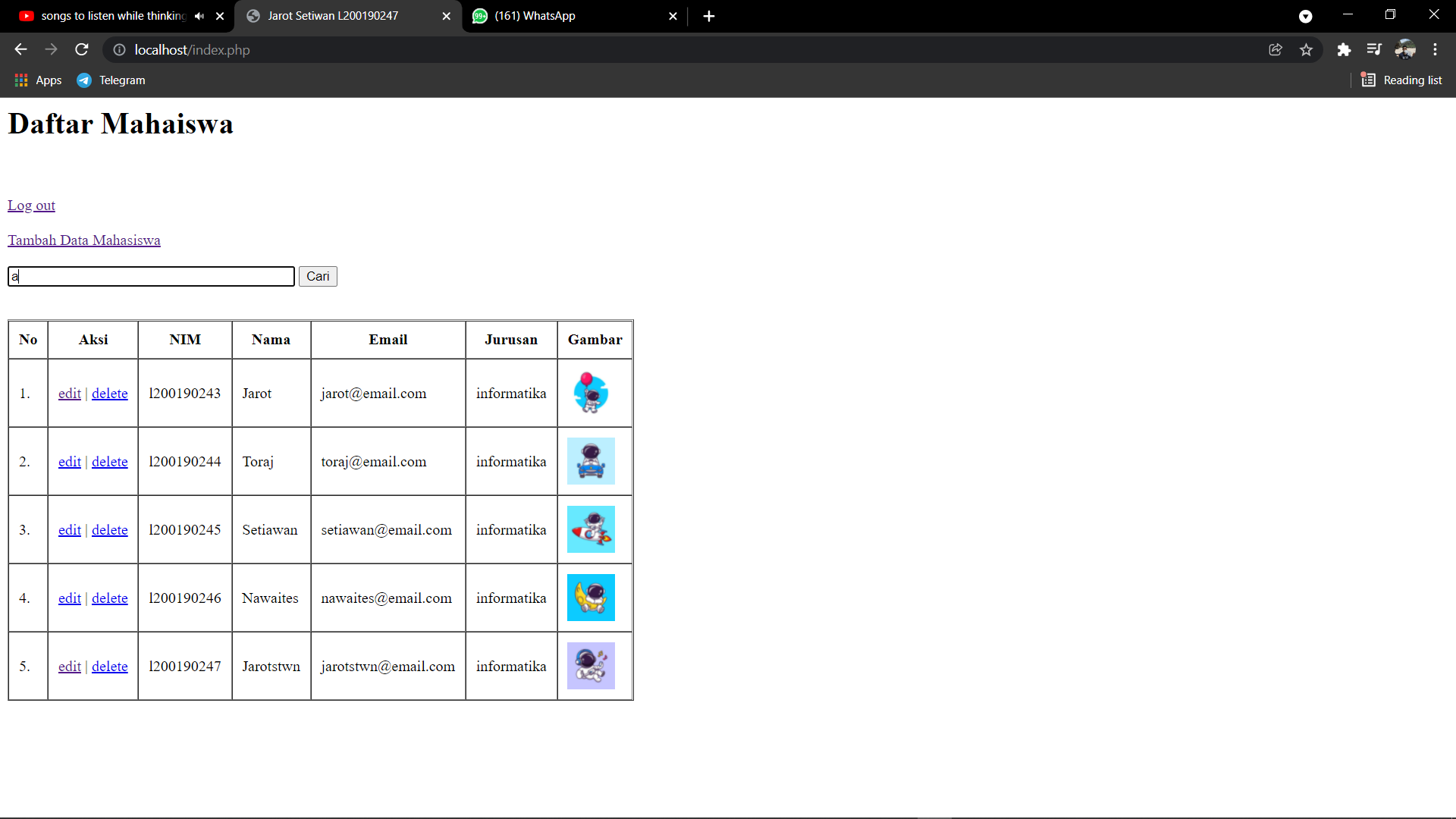
            <?php $i++ ?>

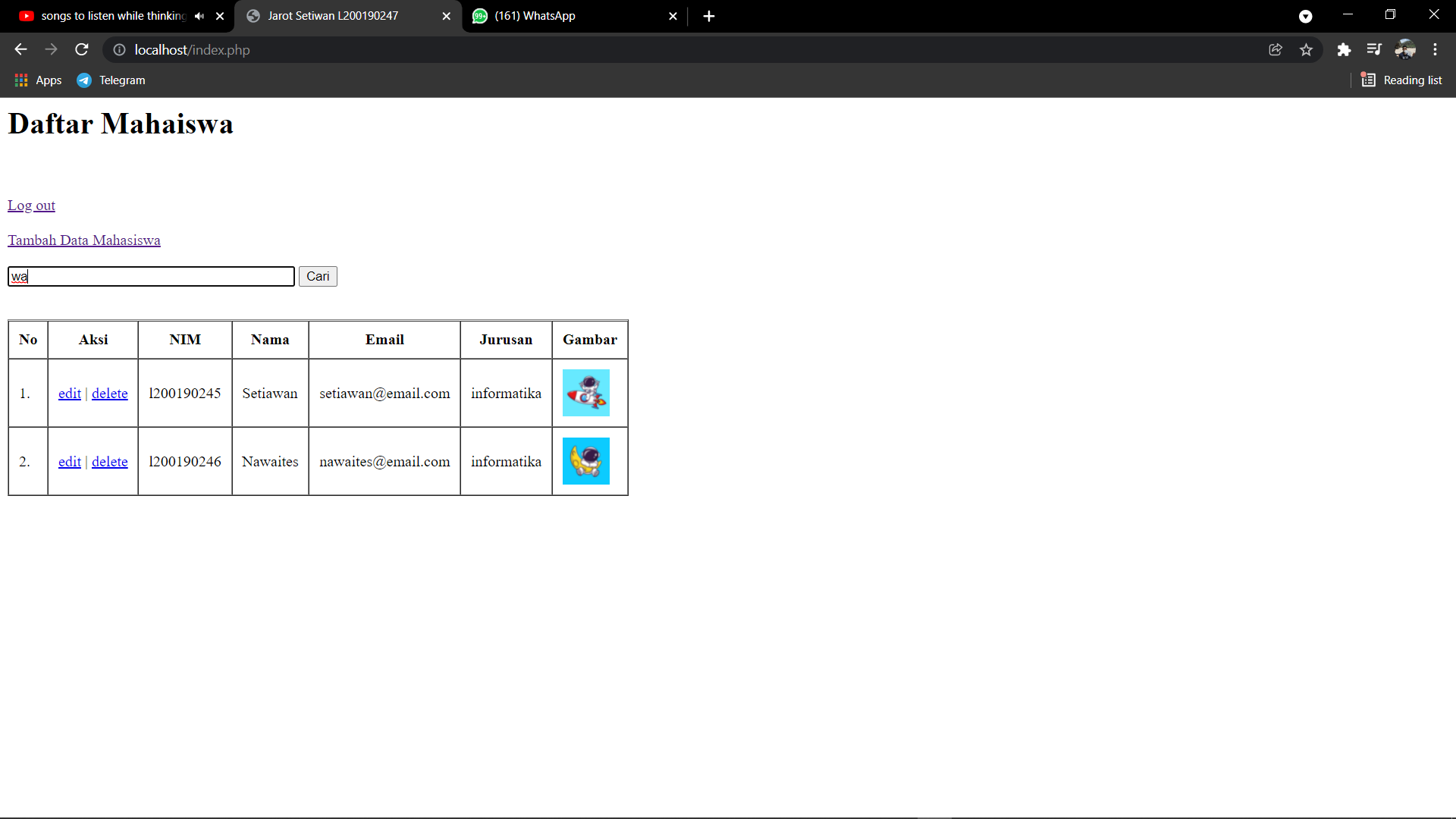
        </tr>

        <?php *endforeach* ?>

    </table>

**Percobaan Search AJAX:**

**Keyword = “a”**

**Keyoword = “wa”**

**Keyword=”jarot”** 