LAPORAN PRAKTIKUM BAB 13

(Upload & Registrasi)

DESAIN DAN PEMROGRAMAN WEB

Oleh :

ANGGA MAULANA ATHAARIQ

TI 2B / 09

1741720138

PROGRAM STUDI D-IV TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

POLITEKNIK NEGERI MALANG

2018

A.) UPLOAD

Link github: https://github.com/anggamaulanaathaariq

1. tambah_data.php

```php
<?php
    require 'functions.php';
    // cek apakah button submit sudah di tekan atau belum

    if(isset($_POST['submit']))
    {
        // cek sukses data ditambah menggunakan function tambah pada function.php
        //var_dump($_POST);
        //var_dump($_FILES);
        //die();

        $nama = $_POST["Nama"];
        $nim = $_POST["Nim"];
        $email = $_POST["Email"];
        $jurusan = $_POST["Jurusan"];
        //$gambar=$_POST["Gambar"];


        $gambar=upload();
        if(!$gambar)
        {
            return false;
        }
        $query= "INSERT INTO mahasiswa VALUES
                ('','$nama','$nim','$email','$jurusan','$gambar')";
        mysqli_query($conn,$query);

        if(mysqli_affected_rows($conn) > 0) {
            echo "data berhasil disimpan";
        }
        else {
            echo "gagal!";
            echo "<br>";
            echo mysqli_error($conn);
        }
```

```html
38
39  <!DOCTYPE html>
40  <html lang="en">
41  <head>
42      <meta charset="UTF-8">
43      <meta name="viewport" content="width=device-width, initial-scale=1.0">
44      <meta http-equiv="X-UA-Compatible" content="ie=edge">
45      <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
46      <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
47      <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
48      <title>Tambah Data</title>
49  </head>
50  <body>
51
52  <!-- Latest compiled and minified CSS -->
53  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css" integrity="sha384-BVYiiSIFeK1dGmJRAkycuHAHRg3
54
55  <!-- Optional theme -->
56  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap-theme.min.css" integrity="sha384-rHyoN1iRsVXV4nD0Jutln
57
58  <!-- Latest compiled and minified JavaScript -->
59  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js" integrity="sha384-Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUPnCJA7l2mCWNI
60
61      <nav class="navbar navbar-default" role="navigation">
62          <!-- Brand and toggle get grouped for better mobile display -->
63          <div class="navbar-header">
64              <button type="button" class="navbar-toggle" data-toggle="collapse" data-target=".navbar-ex1-collapse">
65                  <span class="sr-only">Toggle navigation</span>
66                  <span class="icon-bar"></span>
67                  <span class="icon-bar"></span>
68                  <span class="icon-bar"></span>
69              </button>
70              </a>
71          </div>
72
73              <!-- Collect the nav links, forms, and other content for toggling -->
74              <div class="collapse navbar-collapse navbar-ex1-collapse">
75                  <ul class="nav navbar-nav">
76                      <li class="active"><a href="index.php">Daftar Mahasiswa</a></li>
77                      <li><a href="tambah_data.php">Tambah Data Mahasiswa</a></li>
78                      <li><a href="registrasi.php">Registrasi Mahasiswa</a></li>
79                  </ul>
80      </nav>
81
82      <h1 align=center>Tambah Data Mahasiswa</h1>
83      <center><h5> SELAMAT DATANG DI WEB POLITEKNIK NEGERI MALANG </h5></center>
84      <table align=center>
85      <form action="" method="post" enctype="multipart/form-data">
86          <tr>
87              <!--  for pada label terhubung dengan id jadi jika label nama diklik maka textfield nama akan aktif juga-->
88              <td><label for="Nama">Nama</label></td>
89              <!-- untuk pengisian name besar ekcilnya harus sesuai dengan fieldnya-->
90              <td><input type="text" name="Nama" id="Name"></td>
91          </tr>
92          <tr>
93              <td><label for="Nim">Nim</label></td>
94              <td><input type="text" name="Nim" id="Nim" required></td>
95          </tr>
96          <tr>
97              <td><label for="Email">Email</label></td>
98              <td><input type="text" name="Email" id="Email" required></td>
99          </tr>
100         <tr>
101             <td><label for="Jurusan">Jurusan</label></td>
102             <td><input type="text" name="Jurusan" id="Jurusan" required></td>
103         </tr>
104         <tr>
105             <td><label for="Gambar">Gambar</label></td>
106             <td><input type="file" name="Gambar" id="Gambar" required></td>
107         </tr>
```

2. Penambahan fungsi php pada tambah_data.php

```php
1   <?php
2       require 'functions.php';
3       // cek apakah button submit sudah di tekan atau belum
4
5       if(isset($_POST['submit']))
6       {
7           // cek sukses data ditambah menggunakan function tambah pada function.php
8           var_dump($_POST);
9           var_dump($_FILES);
10          die();
```

3. Hasil page source tambah_data setelah menambahkan data

```
1  array(5) {
2    ["Nama"]=>
3    string(13) "Angga Maulana"
4    ["Nim"]=>
5    string(10) "1741720189"
6    ["Email"]=>
7    string(21) "am.athaariq@gmail.com"
8    ["Jurusan"]=>
9    string(5) "sipil"
10   ["submit"]=>
11   string(0) ""
12 }
13 array(1) {
14   ["Gambar"]=>
15   array(5) {
16     ["name"]=>
17     string(8) "dika.jpg"
18     ["type"]=>
19     string(10) "image/jpeg"
20     ["tmp_name"]=>
21     string(24) "C:\xampp\tmp\phpBA69.tmp"
22     ["error"]=>
23     int(0)
24     ["size"]=>
25     int(17798)
26   }
27 }
28
```

4. Penambahan function tambah $data pada functions.php

```php
21
22    function tambah_data($data)
23    {
24        global $conn;
25
26        $nama = htmlspecialchars($data["Nama"]);
27        $nim = htmlspecialchars($data["Nim"]);
28        $email = htmlspecialchars($data["Email"]);
29        $jurusan = htmlspecialchars($data["Jurusan"]);
30        //$gambar=$_POST["Gambar"];
31
32
33        $gambar=upload();
34        if(!$gambar)
35        {
36            return false;
37        }
38        $query= "INSERT INTO mahasiswa VALUES
39                ('','$nama','$nim','$email','$jurusan','$gambar')";
40        mysqli_query($conn,$query);
41
42        return mysqli_affected_rows($conn);
43    }
```

5. Penambahan function upload pada fucntions.php

```php
52    function upload()
53    {
54        $nama_file  =$_FILES['Gambar']['name'];
55        $ukuran_file=$_FILES['Gambar']['size'];
56        $error      =$_FILES['Gambar']['error'];
57        $tmpfile    =$_FILES['Gambar']['tmp_name'];
58
59
60        if($error===4)
61        {
62            echo"
63            <script>
64            alert('Tidak ada gambar yang diupload');
65            </script>
66            ";
67            return false;
68        }
69        $jenis_gambar=['jpg','jpeg','gif'];
70        $pecah_gambar=explode('.',$nama_file);
71        $pecah_gambar=strtolower(end($pecah_gambar));
72        if(!in_array($pecah_gambar,$jenis_gambar))
73        {
74            echo "
75            <script>
76            alert('yang anda upload bukan file gambar');
77            </script>
78            ";
79            return false;
```

```php
        if($ukuran_file> 1000000)
        {
            echo"
            <script>
            alert('ukuran gambar terlalu besar');
            </script>
            ";
            return false;
        }
        move_uploaded_file($tmpfile, 'image/'.$nama_file);

        return $nama_file;

        $namafilebaru=uniqid();
        $namafilebaru .= '.';
        $namafilebaru .= $pecah_gambar;

        move_uploaded_file($tempfile, 'image/'.$namafilebaru);

        return $namafileterbaru;
```

6. Hasil tambah_data.php setelah upload

Tambah Data Mahasiswa
SELAMAT DATANG DI WEB POLITEKNIK NEGERI MALANG

Nama	Angga Maulana Athaariq
Nim	1741720138
Email	am.athaariq@gmail.com
Jurusan	Informatika
Gambar	Choose File dika.jpg

Tambah

Daftar Mahasiswa

masukkan keyword pencarian   cari

Tambah Data Mahasiswa

No.	Nama	Nim	Email	Jurusan	Gambar	Aksi
1	Angga Maulana	174172013	am.athaariq@gmail.com	Informatika		Edit Hapus
2	Angga Maulana	174172013	am.athaariq@gmail.com	Informatika		Edit Hapus
3	pace	174172013	pace@gmail.com	Informatika		Edit Hapus
4	Angga Maulana	174172018	am.athaariq@gmail.com	Informatika		Edit Hapus
5	Angga Maulana Athaariq	174172013	am.athaariq@gmail.com	Informatika		Edit Hapus

7. Perbaikan function upload pada functions.php

```php
52    function upload()
53    {
54        $nama_file  =$_FILES['Gambar']['name'];
55        $ukuran_file=$_FILES['Gambar']['size'];
56        $error      =$_FILES['Gambar']['error'];
57        $tmpfile    =$_FILES['Gambar']['tmp_name'];
58
59
60        if($error===4)
61        {
62            echo"
63            <script>
64            alert('Tidak ada gambar yang diupload');
65            </script>
66            ";
67            return false;
68        }
69        $jenis_gambar=['jpg','jpeg','gif'];
70        $pecah_gambar=explode('.',$nama_file);
71        $pecah_gambar=strtolower(end($pecah_gambar));
72        if(!in_array($pecah_gambar,$jenis_gambar))
73        {
74            echo "
75            <script>
76            alert('yang anda upload bukan file gambar');
77            </script>
78            ";
79            return false;
81        if($ukuran_file> 1000000)
82        {
83            echo"
84            <script>
85            alert('ukuran gambar terlalu besar');
86            </script>
87            ";
88            return false;
89        }
90        move_uploaded_file($tmpfile, 'image/'.$nama_file);
91
92        return $nama_file;
93
94        $namafilebaru=uniqid();
95        $namafilebaru .= '.';
96        $namafilebaru .= $pecah_gambar;
97
98        move_uploaded_file($tempfile, 'image/'.$namafilebaru);
99
100       return $namafileterbaru;
101   }
```

8. Database

		id	Nama	Nim	Email	Jurusan	Gambar
☐	🖉 Edit ⅛ Copy ⊖ Delete	9	Angga Maulana	174172013	am.athaariq@gmail.com	Informatika	dito.jpg
☐	🖉 Edit ⅛ Copy ⊖ Delete	17	Angga Maulana	174172013	am.athaariq@gmail.com	Informatika	dika.jpg
☐	🖉 Edit ⅛ Copy ⊖ Delete	18	pace	174172013	pace@gmail.com	Informatika	dino.jpg
☐	🖉 Edit ⅛ Copy ⊖ Delete	42	Angga Maulana	174172018	am.athaariq@gmail.com	Informatika	dika.jpg
☐	🖉 Edit ⅛ Copy ⊖ Delete	43	Angga Maulana Athaariq	174172013	am.athaariq@gmail.com	Informatika	dika.jpg

9. penambahan code pada edit.php

```
18   <h1> Update Data Mahasiswa </h1>
19       <form action="" method="post" enctype="multipart/form-data">
20       <ul>
21       <li>
22       <input type="hidden" name="id" value="<?= $mhs[id] ?>">
23       <input type="hidden" name="GambarLama" value="<?= $mhs[Gambar]; ?>">
24       </li>
25       <li>
26          <!--  for pada label terhubung dengan id jadi jika label nama diklik maka textfield nama akan aktif juga-->
27          <label for="Nama">Nama</label>
28          <!-- untuk pengisian name besar ekcilnya harus sesuai dengan fieldnya-->
29          <input type="text" name="Nama" id="Name" value="<?= $mhs[Nama]; ?>">
30       </li>
31          <li>
32              <label for="Nim">Nim</label>
33              <input type="text" name="Nim" id="Nim" required value="<?= $mhs[Nim]; ?>">
34          </li>
35          <li>
36              <label for="Email">Email</label>
37              <input type="text" name="Email" id="Email" required value="<?= $mhs[Email]; ?>">
38          </li>
39          <li>
40              <label for="Jurusan">Jurusan</label>
41              <input type="text" name="Jurusan" id="Jurusan" required value="<?= $mhs[Jurusan]; ?>">
42          </li>
43          <li>
44              <label for="Gambar">Gambar :</label>
45              <img src="image/<?= $mhs[Gambar];?>" alt="" height="100" width="100"><br>
46              <input type="file" name="Gambar" id="Gambar" >
47          </li>
48          <li>
49              <td><button type="submit" name="submit"> Update </button></td>
50          </li>
51          </ul>
```

10. Memodifikasi functions.php

```php
function edit ($data) {
    global $conn;


    $id = $data["id"];
    $nama = htmlspecialchars($data["Nama"]);
    $nim = htmlspecialchars($data["Nim"]);
    $email = htmlspecialchars($data["Email"]);
    $jurusan = htmlspecialchars($data["Jurusan"]);
    $GambarLama= htmlspecialchars($data["GambarLama"]);
    //$gambar = htmlspecialchars($data["Gambar"]);

    if($_FILES['Gambar'][error]===4)
    {
        $gambar=$GambarLama;
    }else
    {
        $gambar=upload();
    }

    $query= "UPDATE mahasiswa SET
                Nama = '$nama',
                Nim = '$nim',
                Email = '$email',
                Jurusan = '$jurusan',
                Gambar = '$gambar',
                Where id = '$id";
    mysqli_query($conn,$query);

    return mysqli_affected_rows($conn);
    }
```

11. Update

localhost:8080/Week14/edit.php?id=9

Update Data Mahasiswa

-
- Nama Angga Maulana
- Nim 1741720138
- Email am.athaariq@gmail.com
- Jurusan Informatika
- Gambar :
  Choose File dito.jpg
- Update

| Daftar Mahasiswa | Tambah Data Mahasiswa | Registrasi Mahasiswa |

Daftar Mahasiswa

masukkan keyword pencarian [cari]

Tambah Data Mahasiswa

No.	Nama	Nim	Email	Jurusan	Gambar	Aksi
1	Angga Maulana	174172013	am.athaariq@gmail.com	Informatika		Edit Hapus
2	Angga Maulana	174172013	am.athaariq@gmail.com	Informatika		Edit Hapus
3	pace	174172013	pace@gmail.com	Informatika		Edit Hapus

B.) REGISTRASI

12. registrasi.php

```
63        </nav>
64        <h1 align=center>Halaman Registrasi</h1>
65        <center><h5> SELAMAT DATANG DI WEB POLITEKNIK NEGERI MALANG </h5></center>
66        <table align=center>
67        <form action="" method="post">
68            <ul>
69                <tr>
70                <td><label for="username">Username :</label></td>
71                <td><input type="text" name="username" id="username" ></td>
72                </tr>
73                <tr>
74                    <td><label for="password">Password :</label></td>
75                    <td><input type="password" name="password" id="password" required></td>
76                </tr>
77                <tr>
78                    <td><label for="password2">Konfirmasi Password :</label></td>
79                    <td><input type="password" name="password2" id="password2" required2 ></td>
80                </tr>
81                <tr>
82                    <td><button type="submit" name="register">Registrasi</button></td>
83                </tr>
84            </ul>
85        </form>
86    </body>
87    </html>
```

13. Hasil registrasi.php

14. Pembuatan table users di database phpdatabase

15. Penambahan code php pada registrasi.php

```php
1   <?php
2       require 'functions.php';
3
4       if (isset($_POST['register'])) {
5           if (registrasi($_POST) > 0) {
6               echo "
7                   <style>
8                       alert('user berhasil ditambahkan');
9                   </style>
10                  ";
11          }
12          else {
13              echo mysqli_error($conn);
14          }
15      }
16  ?>
```

16. Penambahan function registrasi pada functions.php

```php
152     function registrasi($data) {
153         global $conn;
154
155         //stripcslashes digunakan untuk menghilangkan backslashes
156         $username = strtolower(stripcslashes($data['username']));
157
158         //mysqli_real_escape_string untuk memberikan perlindungan terhadap karakter-karakter unik (sql_injection)
159         //pada mysqli_real_escape_string terdapat 2 parameter
160         $password = mysqli_real_escape_string($conn, $data['password']);
161         $password2 = mysqli_real_escape_string($conn, $data['password2']);
162
163         // cek username sudah ada apa belum
164         $result = mysqli_query ($conn, "SELECT username FROM users WHERE username = '$username'");
165
166         // cek kondisi jika line 175 bernilai true maka cetak echo
167         if (mysqli_fetch_assoc($result)) {
168             echo "
169                 <script>
170                     alert('username sudah ada');
171                 </script>
172             ";
173             // agar proses insertnya gagal
174             return false;
175         }
176
177         //cek konfirmasi password
178         if ($password !== $password2) {
179             echo "
180                 <script>
181                     alert('password anda tidak sama');
182                 </script>
183             ";
184             return false;
185         }
186
187     // enkripsi password
188         $password = md5($password);
189         // $password = password_hash($password, PASSWORD_DEFAULT);
190         var_dump($password);
191
192     // tambahkan user baru ke database
193     mysqli_query($conn, "INSERT INTO users VALUES ('', '$username', '$password')");
194
195     return mysqli_affected_rows($conn);
196     }
197 ?>
198
```

17. Menggunakan md5

```php
186
187         // enkripsi password
188             $password = md5($password);
189             // $password = password_hash($password, PASSWORD_DEFAULT);
190             var_dump($password);
191
```

18. Memasukkan data

Halaman Registrasi

SELAMAT DATANG DI WEB POLITEKNIK NEGERI MALANG

Username : manager
Password : •••••
Konfirmasi Password : •••••

Registrasi

19. password hashes

string(32) "827ccb0eea8a706c4c34a16891f84e7b" Table 'phpdatbase.users' doesn't exist

20. Pencarian hash to text di google

Online Reverse Hash Lookup

Hash values:

827ccb0eea8a706c4c34a16891f84e7b

Hash function: MD5

> Reverse!

Results

Hash #1: 12345