TUGAS PRAKTIKUM

PENGEMBANGAN APLIKASI WEB

MODUL 5

"Database MySQL"

Disusun Oleh:

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Kelas : PAW-4B

Dosen Pengampu:

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PRODI TEKNIK INFORMATIKA

JURUSAN TEKNIK INFORMATIKA

FAKULTAS TEKNIK

UNIVERSITAS TRUNOJOYO MADURA

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Tugas Praktikum :

1. Buatlah sebuah database mahasiswa yg berisi table dengan nama tbl_mahasiswa dengan record nrp, nama, email, dan alamat.
   Jawab :
   a. Membuat tabel mahasiswa

   b. Hasil tabel

2. Buatlah beberapa file php yang dapat memasukkan, menampilkan, meng-update dan menghapus data yang ada dalam database mahasiswa tersebut!

Jawab :

a. Code Koneksi

```php
<?php
$host='localhost';
$user='root';
$password='';
$db='mahasiswa';
$connect=mysqli_connect($host,$user,$password,$db);
if(!$connect){
    echo "<script> alert('Gagal Terhubung') </script>";
}
?>
```

b. Code Tabel

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css
/bootstrap.min.css" rel="stylesheet">
    <title>Tabel</title>
</head>
<body>
    <h1>Modul V PHP dan MySQL</h1>
    <p>nama/nrp : Ari Andi Mustofa</p>
    <hr>
    <h2>Master Data Mahasiswa</h2>
    <button style="border:1px solid;"><a href="form.php"
style="text-decoration: none;">Tambah</a></button>
    <table class="table">
        <tr>
            <td>No.</td>
            <td>NRP</td>
            <td>Nama</td>
            <td>Email</td>
            <td>Alamat</td>
            <td>Operasi</td>
        </tr>
        <?php
        include "koneksi.php";
```

```php
        $query="SELECT*FROM tbl_mahasiswa";
        $hasil=mysqli_query($connect,$query);
        while ($row=mysqli_fetch_array($hasil)){
        ?>
        <tr>
            <td><?php echo $row['nomor'] ?></td>
            <td><?php echo $row['nrp'] ?></td>
            <td><?php echo $row['nama'] ?></td>
            <td><?php echo $row['email'] ?></td>
            <td><?php echo $row['alamat'] ?></td>
            <td>
                <a href="form edit.php?no=<?php echo
$row['nomor']; ?>" style="text-decoration: none;">Edit</a>
|
                <a href="delete.php?no=<?php echo
$row['nomor']; ?>" style="text-decoration: none;">Hapus</a>
            </td>
        </tr>
        <?php
        }
        ?>
    </table>
</body>
</html>
```

Hasil

c. Code Form Tambah

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
```

```
    <title>Form</title>
</head>
<body>
    <h2>Tambah Mahasiswa</h2>
    <form action="action.php" method="POST">
        <div style="padding-bottom: 10px;">
            <label for="">NRP</label><br>
            <input type="text" name="nrp" ><br>
        </div>
        <div style="padding-bottom: 10px;">
            <label for="">Nama</label><br>
            <input type="text" name="nama"><br>
        </div>
        <div style="padding-bottom: 10px;">
            <label for="">email</label><br>
            <input type="text" name="email"><br>
        </div>
        <div style="padding-bottom: 10px;">
            <label for="">alamat</label><br>
            <input type="text" name="alamat"><br>
        </div>

        <button type="submit">Tambah</button>
    </form>
</body>
</html>
```
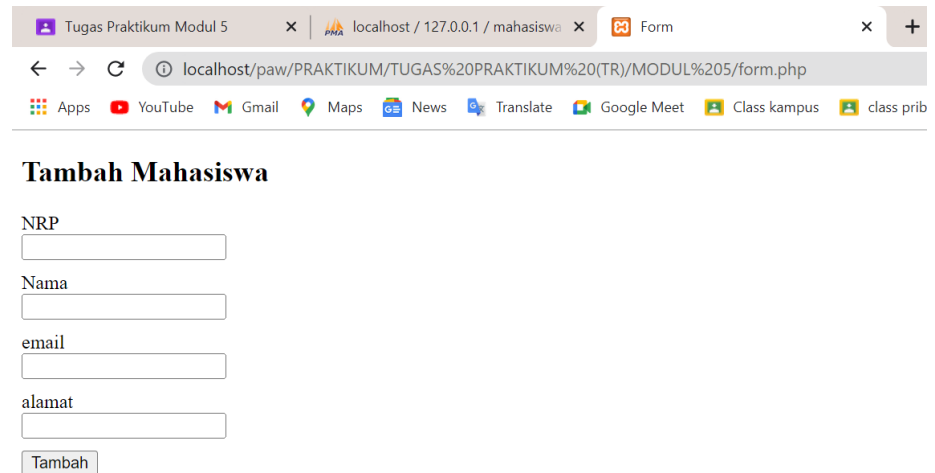
Hasil :

Tambah Mahasiswa

NRP

Nama

email

alamat

Tambah

d. Code Action Tambah

```php
<?php
    include "koneksi.php";
    $nrp=$_POST['nrp'];
    $nama=$_POST['nama'];
    $email=$_POST['email'];
    $alamat=$_POST['alamat'];
    $sql="INSERT INTO tbl_mahasiswa VALUES
(null,'$nrp','$nama','$email','$alamat')";
    $hasil=mysqli_query($connect,$sql);
    if(!$hasil){
            echo "<script>alert('Berhasil
ditambahkan')</script>";
    } else {
            echo "<script>alert('Gagal
ditambahkan')</script>";
    }
?>
```

e. Code Action Delete

```php
<?php
include "koneksi.php";
$no=$_GET['no'];
$query="DELETE FROM tbl_mahasiswa WHERE nomor='$no'";
$hasil=mysqli_query($connect,$query);
if(!$hasil){
    echo "<script>alert('gagal Menghapus')</script>";
} else {
    echo "<script>alert('berhasil Menghapus')</script>";
}
?>
```

f. Code Form Edit

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Form Edit</title>
</head>
<body>
    <h2>Edit Mahasiswa</h2>
    <?php
```

```php
        include "koneksi.php";

        $no=$_GET['no'];
        $sql="SELECT * FROM tbl_mahasiswa WHERE
nomor='$no'";
        $hasil=mysqli_query($connect,$sql);
        if (!$hasil){
            echo "Query Salah";
        }
        ?>

        <?php
        while($row=mysqli_fetch_array($hasil))
        {
        ?>

        <form action="edit.php" method="POST">
        <input type="hidden" name="no" value="<?php echo
$row['nomor'] ?>">
            <div style="padding-bottom: 10px;">
                <label for="">NRP</label><br>
                <input type="text" name="nrp" value="<?php
echo $row['nrp'] ?>"><br>
            </div>
            <div style="padding-bottom: 10px;">
                <label for="">Nama</label><br>
                <input type="text" name="nama" value="<?php
echo $row['nama'] ?>"><br>
            </div>
            <div style="padding-bottom: 10px;">
                <label for="">email</label><br>
                <input type="text" name="email"
value="<?php echo $row['email'] ?>"><br>
            </div>
            <div style="padding-bottom: 10px;">
                <label for="">alamat</label><br>
                <input type="text" name="alamat"
value="<?php echo $row['alamat'] ?>"><br>
            </div>

            <button type="submit">Edit</button>
        </form>

        <?php } ?>
</body>
</html>
```

Hasil :

Edit Mahasiswa

NRP
200411100133

Nama
Ari Andi Mustofa

email
andyary961@gmail.com

alamat
RT/RW 008/002 Ds. Belun

Edit

g. Code Action Edit

```php
<?php
    include "koneksi.php";
    $no=$_POST['no'];
    $nrp=$_POST['nrp'];
    $nama=$_POST['nama'];
    $email=$_POST['email'];
    $alamat=$_POST['alamat'];
    $sql="UPDATE tbl_mahasiswa SET
nrp='$nrp',nama='$nama',email='$email',alamat='$alamat'
WHERE nomor='$no'";
    $hasil=mysqli_query($connect,$sql);
    if(!$hasil){
            echo "<script>alert('gagal
Mengubah')</script>";
    } else {
        echo "<script>alert('berhasil Mengubah')</script>";
    }
?>
```