

PRAKTIKUM PEMROGRAMAN WEB LANJUT

PHP : DATABASE CONNECTION AND OPERATIONS

1. Membuat halaman index

MANAGE USERS				
No	Username	Password	Level	Action
1	123	admin	admin	Update Hapus
2	12345	123456	user	Update Hapus
3	1234567	123456	user	Update Hapus

Page 1

Tambah Data

/* index.php */

```
<!DOCTYPE html>
<html>
<head>
    <!-- Bootstrap -->
    <link href="bootstrap/css/bootstrap.css" rel="stylesheet">
    <link rel="stylesheet" type="text/css" href="asset/css/style.css">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="bootstrap/css/bootstrap-responsive.css" rel="stylesheet">
</head>
<body>
    <div class="row">
        <div class="span1"></div>
        <div class="span11">
            <center><h3>MANAGE USERS</h3>
            <?php if (!empty($_GET['update']))
            {
                if
                ($_GET['update']==1)
                    echo
                    "<p class='message'> <h4>Data user berhasil diupdate</h4></p>";
                else if
                ($_GET['update']==2)
                    echo
                    "<p class='message'> <h4>Data user berhasil ditambahkan</h4></p>";
                else if
                ($_GET['update']==3)
                    echo
                    "<p class='message'> <h4>Data user berhasil dihapus</h4></p>";
            }?>
```

```

<?php
    $no=1;
    $host="localhost"; // Host name
    $username="root"; // Mysql username
    $password=""; // Mysql password
    $db_name="praktikum8"; // Database name

    $conn = mysqli_connect($host, $username, $password,
$db_name);

    // Check connection
    if (!$conn) {
        die("Connection failed: " . mysqli_connect_error());
    }
    $sqlCount = "select count(username) from user";
    $query = mysqli_query($conn, $sqlCount) or
die(mysqli_error($conn));

    $rsCount = mysqli_fetch_array($query);
    $banyakData = $rsCount[0];
    $page = isset($_GET['page']) ? $_GET['page'] : 1;
    $limit = 5;
    $mulai_dari = $limit * ($page - 1);
    $sql_limit = "select * from user order by username limit
$mulai_dari, $limit";
    $hasil = mysqli_query($conn, $sql_limit) or
die(mysqli_error($conn));

    if(mysqli_num_rows($hasil)==0){
        echo "<p class='message'>Data tidak ditemukan!</p>";
    }
?>
<table class="table table-hover">
    <thead>
        <tr class="success">
            <td>No</td>
            <td>Username</td>
            <td>Password</td>
            <td>Level</td>
            <td>Action</td>
        </tr>
    </thead>
    <tbody>
<?php $no=$no+((($page-1)*$limit);
    //Buang field ke dalam array
    while ($data=mysqli_fetch_array($hasil)){
?>

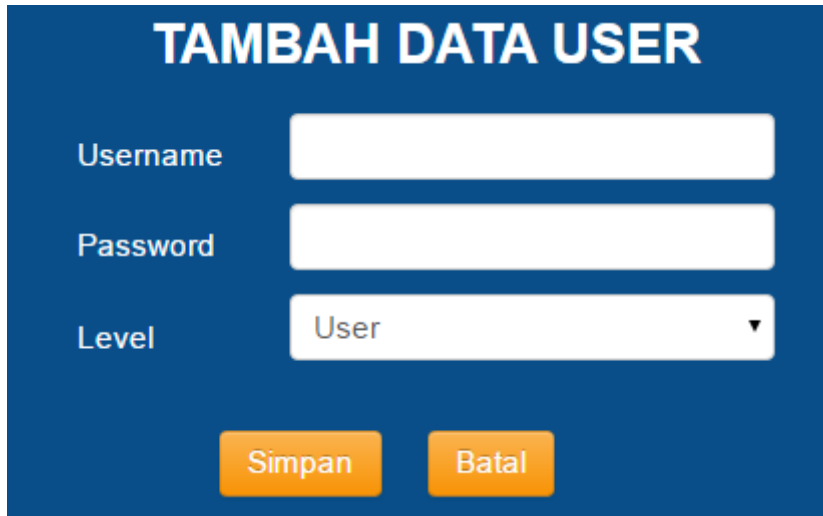
```

```

                                <tr class="success">
                                    <td><?php echo
$no;?></td>
                                    <td><?php echo
$data[1]; ?></td>
                                    <td><?php echo
$data[2]; ?></td>
                                    <td><?php echo
$data[3]; ?></td>
                                    <td>
                                <a
href= "updateUser.php?id=<?php echo $data[0];?>" class="update">Update</a>
                                <a
href= "hapusUser.php?id=<?php echo $data[0];?>" class="delete" onclick= "return
confirm('Anda yakin menghapus data user <?php echo $data[1];?>?')">Hapus</a>
                                    </td>
                                </tr>
                                <?php $no++;
                                }?>
                                </tbody>
                            </table>
                            <div class="pagination pagination-right">
                                <?php
                                    $banyakHalaman =
ceil($banyakData / $limit);
                                    echo 'Page ';
                                    for($i = 1; $i <=
$banyakHalaman; $i++){
                                        if($page != $i){
                                            echo '<a href="index.php?page='.$i.'">'.$i.' </a> ';
                                        }else{
                                            echo "$i ";
                                        }
                                    }
                                ?>
                            </div>
                            <a href="tambahUser.php" button class="btn btn-
warning" type="button">Tambah Data</a></button>
                        </div>
                    </div>
</body>
</html>

```

2. Membuat form tambah user



/* tambahUser.php */

```
<!DOCTYPE html>
<html>
<head>
    <!-- Bootstrap -->
    <link href="bootstrap/css/bootstrap.css" rel="stylesheet">
    <link rel="stylesheet" type="text/css" href="asset/css/style.css">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="bootstrap/css/bootstrap-responsive.css" rel="stylesheet">
</head>
<body>
<div class="container">
    <div class="row">
        <div class="span2"></div>
        <div class="span8">
            <center><h3>TAMBAH DATA USER</h3>
            <form action="tambahUser2.php" method="post">
                <table width="319" border="0">
                    <tr>
                        <td width="152">Username</td>
                        <td width="157"><input
name="username" type="text" id="username" size="20" /></td>
                    </tr>
                    <tr>
                        <td>Password</td>
                        <td><input name="password"
type="text" id="password" size="20" /></td>
                    </tr>
```

```

                                <tr>
                                    <td>Level</td>
                                    <td>
                                        <select name='level'>
                                            <option
value='user'>User</option>
                                            <option
value='admin'>Admin</option>
                                        </select>
                                    </td>
                                </tr>
                            </table>
                            <br/>
                            <table width border="0">
                                <tr>
                                    <td width="92"><button class="btn btn-
warning" type="submit">Simpan</a></button></td>
                                    <td width="92"><a href="index.php"
button class="btn btn-warning" type="button">Batal</a></button></td>
                                </tr>
                            </table>
                        </center>
                    </form>
                </div>
            </div>
        </div>
    </body>
</html>

```

/* tambahUser2.php */

```

<?php
$host = "localhost"; // Host name
$username = "root"; // Mysql username
$password = ""; // Mysql password
$db_name = "praktikum8"; // Database name
$conn = mysqli_connect($host, $username, $password, $db_name);
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

$username = $_POST['username'];
$password = $_POST['password'];
$level = $_POST['level'];
$input = "insert into user(username, password, level) values ('$username', '$password',
'$level')";

```

```

if ($username == "" or $password == ""){
    echo '<script type="text/javascript">
        var answer = alert("Data masih belum lengkap")
        window.location = "tambahUser.php";
    </script>';
}else{
    $hasil = mysqli_query($conn, $input);
    header('location:index.php?update=2');
}
?>

```

Pada kode di atas masih bisa menambahkan data user dengan username yang sudah ada. Buatlah validasi supaya hal tersebut tidak terjadi.

3. Membuat form update user

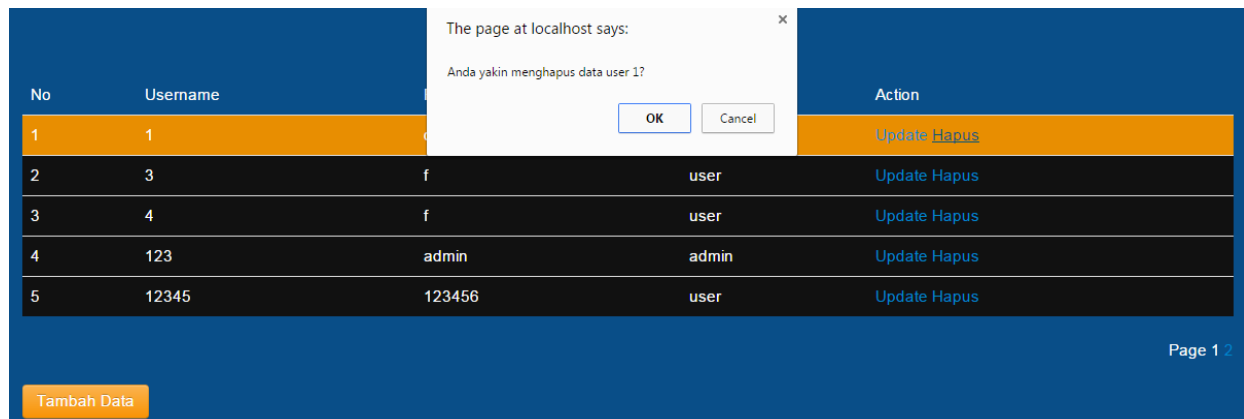
/* updateUser.php */

//Buat kode program ini

/* updateUser2.php */

//Buat kode program ini

4. Membuat hapus user



The screenshot shows a web application interface. A modal dialog box is open in the center, asking "Anda yakin menghapus data user 1?" (Are you sure you want to delete user 1?). The dialog has "OK" and "Cancel" buttons. In the background, there is a table with the following data:

No	Username	...	Action
1	1		Update Hapus
2	3	f	Update Hapus
3	4	f	Update Hapus
4	123	admin	Update Hapus
5	12345	123456	Update Hapus

At the bottom left of the interface is a button labeled "Tambah Data". At the bottom right, it says "Page 1 2".

/* hapusUser.php */

```
<?php
    $host = "localhost"; // Host name
    $username = "root"; // Mysql username
    $password = ""; // Mysql password
    $db_name = "praktikum8"; // Database name
    $conn = mysqli_connect($host, $username, $password, $db_name);
    // Check connection
    if (!$conn) {
        die("Connection failed: " . mysqli_connect_error());
    }

    $id = $_GET[id];
    $hapus = "delete from user where id='$id'";
    $query = mysqli_query($conn, $hapus) or die(mysqli_error($conn));
    //kembali ke halaman user.php
    header('location:index.php?update=3');
    exit;
?>
```

Kegiatan!

1. Cobalah masing-masing kode.
2. Buatlah kode program untuk update user.
3. Buatlah validasi supaya tidak bisa menambahkan data user dengan username yang sudah ada.
4. Submit ke github dengan nama folder 08_Kelas_NIM.