PRAKTIKUM PEMROGRAMAN WEB LANJUT
PHP : DATABASE CONNECTION AND OPERATIONS

1. Membuat halaman index

/* 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></center>
                                                <?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>";
                                                }?>
```

Dewi Anisa Istiqomah
dewianisaist.ugm@gmail.com

```php
<?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)){
?>
```
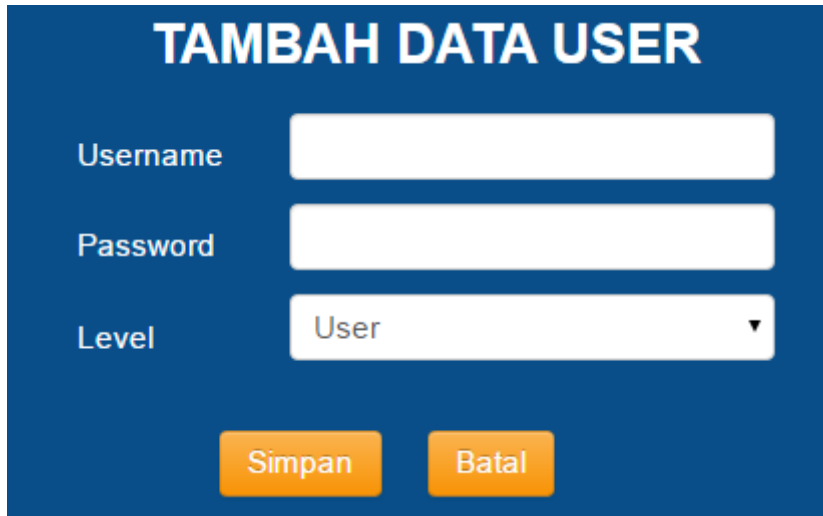
```php
                                        <tr class="success">
                                            <td><?php echo $no;?></td>
                                            <td><?php echo $data[1]; ?></td>
                                            <td><?php echo $data[2]; ?></td>
                                            <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>
                            <?php {}?>
                            <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>
```

Dewi Anisa Istiqomah
dewianisaist.ugm@gmail.com

```html
						<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
<?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')";
```

Dewi Anisa Istiqomah
dewianisaist.ugm@gmail.com

```
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.
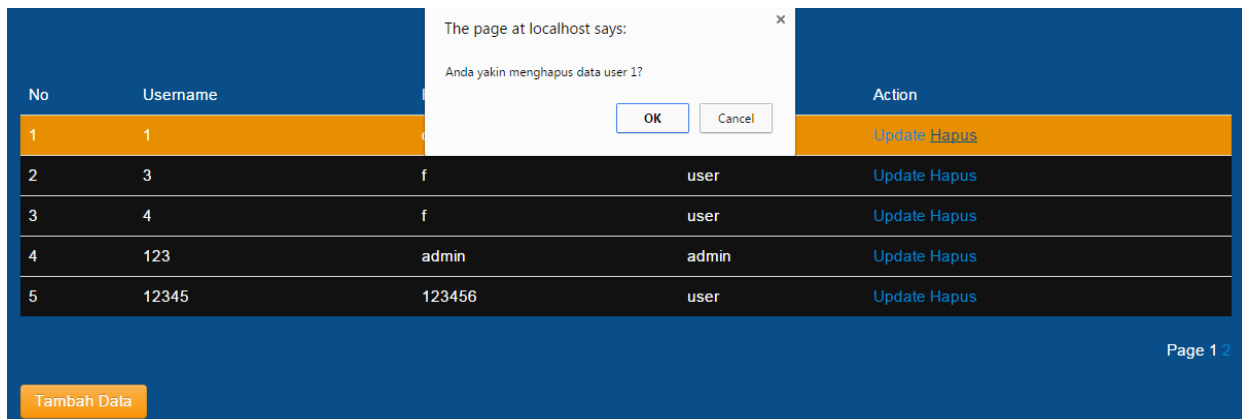
3. Membuat form update user

/* updateUser.php */

//Buat kode program ini

/* updateUser2.php */

//Buat kode program ini

Dewi Anisa Istiqomah
dewianisaist.ugm@gmail.com

4. Membuat hapus user

/* hapusUser.php */

```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, $hapus) or die(mysql_error($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.

Dewi Anisa Istiqomah
dewianisaist.ugm@gmail.com