

Berikut ini adalah contoh script (program) PHP paling sederhana tentang login dan logout yang menggunakan database dan session. Dibuat sesederhana mungkin agar mudah dipelajari. Di sini belum disisipi fitur pengecekan input dari user, sehingga masih rentan terhadap serangan SQL injection.

Anda boleh menggunakan script ini untuk bahan pembelajaran di sekolah/kampus anda, asalkan nama saya tetap dicantumkan. Terima kasih.

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Nama file: **setup.php**

```
<html>
<head>
<title>Setup Database</title>
</head>

<body>
<?php
$cn = @mysql_connect("localhost", "root", "") or die("Gagal konek ke MySQL.");
mysql_query("drop database if exists db_user", $cn) or die("Gagal menghapus database.");
mysql_query("create database db_user", $cn) or die("Gagal membuat database.");
mysql_select_db("db_user", $cn) or die("Gagal membuka database.");
mysql_query("create table tb_user (
    login_username varchar(32) not null,
    login_password char(32),
    login_rights varchar(32),
    primary key(login_username)
)", $cn) or die("Gagal membuat tabel.");
mysql_query("insert into tb_user values('admin', md5('admin'), '[A][U]')", $cn);
mysql_query("insert into tb_user values('user', md5('user'), '[U]')", $cn);
mysql_close($cn);
?>
<p>Sukses meng-setup database!<br />
    Username: <b>admin</b> dan Password: <b>admin</b><br />
    Username: <b>user</b> dan Password: <b>user</b>
</p>
<p>Silakan menuju <a href="index.php">index.php</a></p>
</body>
</html>
```

Nama file: **index.php**

```
<html>
<head>
<title>Homepage</title>
</head>

<body>
<p>
    <a href="index.php">Home</a> |
    <a href="login.php">Login</a> |
    <a href="member.php">Member</a> |
    <a href="logout.php">Logout</a>
</p>
<p>Selamat datang. Di sini semua orang bisa mengakses.</p>
</body>
</html>
```

Nama file: **login.php**

```
<?php
    session_start();
```

```

$username = "";
$password = "";
if (isset($_POST['username']) && isset($_POST['password'])) {
    $un = $_POST['username'];
    $pw = md5($_POST['password']);
    $cn = @mysql_connect("localhost", "root", "") or die("Gagal konek ke MySQL.");
    mysql_select_db("db_user") or die("Gagal memilih database.");
    $query = "select * from tb_user where
        login_username = '$un' and login_password = '$pw'";
    $hasil = mysql_query($query) or die("Gagal melakukan query.");
    if ($hasil != false) {
        if (mysql_num_rows($hasil) == 1) {
            $username = $_POST['username'];
            $password = $_POST['password'];
            $_SESSION['username'] = $_POST['username'];
            $_SESSION['password'] = $_POST['password'];
        }
    }
}
?>
<html>
<head>
<title>Login</title>
</head>

<body>
<p>
    <a href="index.php">Home</a> |
    <a href="login.php">Login</a> |
    <a href="member.php">Member</a> |
    <a href="logout.php">Logout</a>
</p>
<p>
<?php
    if (empty($username)) {
        if (isset($_POST['username']) || isset($_POST['password'])) {
            echo "<p>Username dan password yang anda ketik adalah salah!</p>";
        }
    }
?>
<form name="login_form" method="post" action="login.php">
    Username: <input name="username" size="32" maxlength="32"><br />
    Password: <input name="password" type="password" size="32" maxlength="32">
    <input type="submit" name="button" value="Submit">
</form>
<?php
    }
    else {
?>
<p>Anda telah berhasil melakukan login.</p>
<?php
    }
?>
</p>
</body>
</html>

```

Nama file: **member.php**

```

<?php
    session_start();

    $username = "";
    $password = "";
    if (isset($_SESSION['username']) && isset($_SESSION['password'])) {
        $un = $_SESSION['username'];
        $pw = md5($_SESSION['password']);
    }

```

```

$cn = @mysql_connect("localhost", "root", "") or die("Gagal konek ke MySQL.");
mysql_select_db("db_user") or die("Gagal memilih database.");
$query = "select * from tb_user where
  login_username = '$un' and login_password = '$pw'";
$hasil = mysql_query($query) or die("Gagal melakukan query.");
if ($hasil != false) {
  if (mysql_num_rows($hasil) == 1) {
    $username = $_SESSION['username'];
    $password = $_SESSION['password'];
  }
}
};
};
?>
<html>
<head>
<title>Members Only</title>
</head>

<body>
<p>
  <a href="index.php">Home</a> |
  <a href="login.php">Login</a> |
  <a href="member.php">Member</a> |
  <a href="logout.php">Logout</a>
</p>
<?php
  if (empty($username) || empty($password)) {
    echo "<p>Maaf, hanya members yang boleh mengakses halaman ini.</p>";
  }
  else {
?>
<p>
  Selamat datang <b><?php echo $username; ?></b>
</p>
<?php
  };
?>
</body>
</html>

```

Nama file: **logout.php**

```

<?php
  session_start();

  unset($_SESSION['username']);
  unset($_SESSION['password']);
?>
<html>
<head>
<title>Logout</title>
</head>

<body>
<p>
  <a href="index.php">Home</a> |
  <a href="login.php">Login</a> |
  <a href="member.php">Member</a> |
  <a href="logout.php">Logout</a>
</p>
<p>
  Oke... Anda sudah logout.
</p>
</body>
</html>

```