



LOGIN DAN REGISTRASI



REGISTRASI

LOGIN SYSTEM

- **Registrasi (Sign Up)**
- **Login (Sign In)**
- **Session (User yang sudah registrasi)**
- **Cookie (Remember Me)**

TAHAPAN MEMBUAT REGISTRASI

- **Tabel 'users/user'**
- **Enkripsi Password**

MEMBUAT TABEL USER

localhost/phpmyadmin/sql.php?server=1&db=phpdasar&table=users&pos=0

phpMyAdmin

Server: 127.0.0.1 » Basis data: phpdasar » Tabel: users

Jelajahi Struktur SQL Cari Tambahkan Ekspor Impor Hak Akses Operasi Lainnya

Menampilkan baris 0 - 4 (total 5, Pencarian dilakukan dalam 0,0000 detik.)

```
SELECT * FROM `users`
```

Profil [Edit dikotak] [Ubah] [Jelaskan SQL] [Buat kode PHP] [Se]

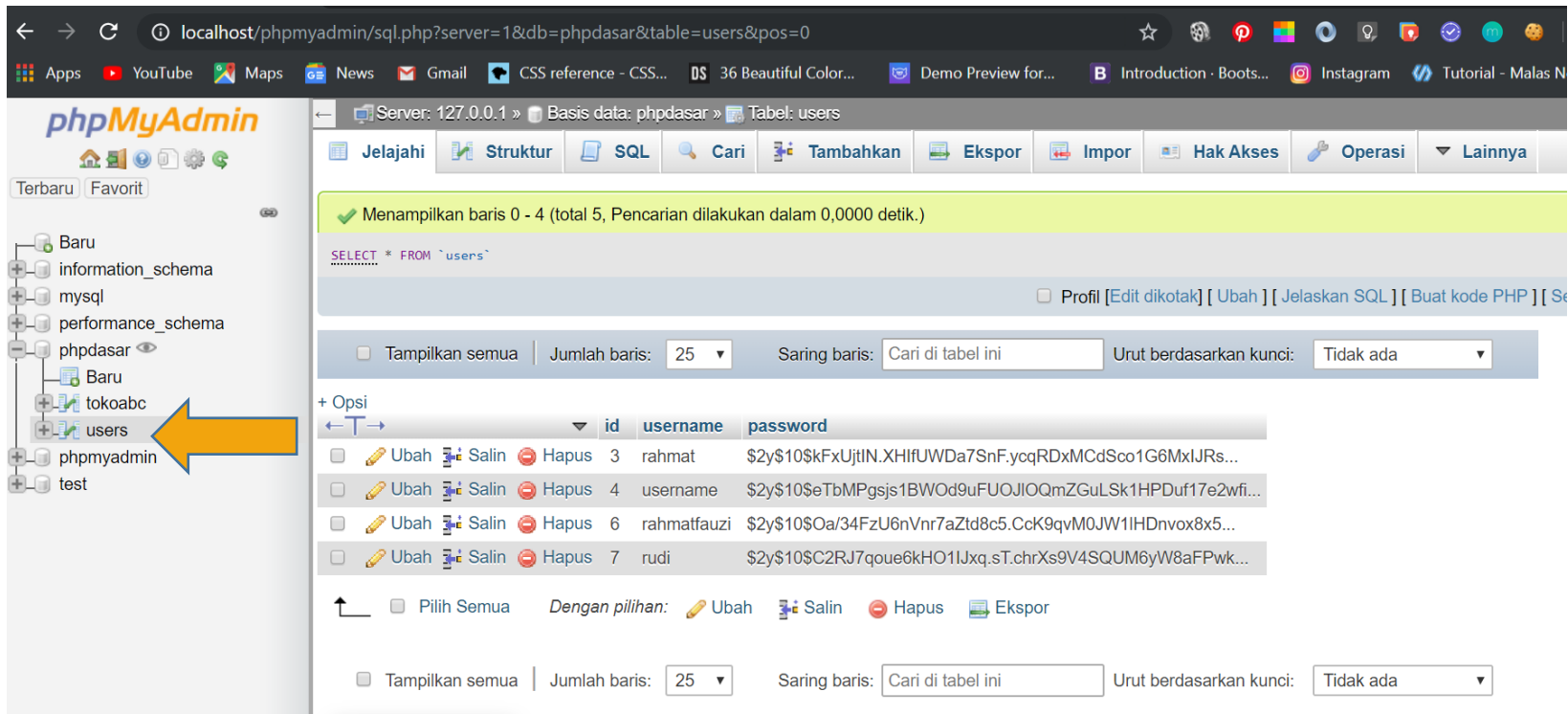
Tampilkan semua | Jumlah baris: 25 | Saring baris: Cari di tabel ini | Urut berdasarkan kunci: Tidak ada

+ Opsi

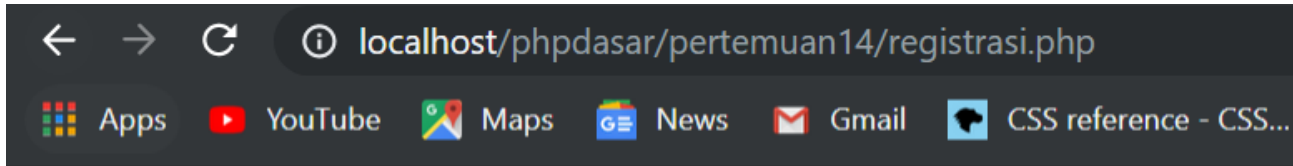
			id	username	password	
<input type="checkbox"/>	Ubah	Salin	Hapus	3	rahmat	\$2y\$10\$kFxUjtIN.XHifUWDa7SnF.ycqRDxMcdSco1G6MxIJRs...
<input type="checkbox"/>	Ubah	Salin	Hapus	4	username	\$2y\$10\$eTbMPgsjs1BW0d9uFUQJOQmZGuLSk1HPDuf17e2wfi...
<input type="checkbox"/>	Ubah	Salin	Hapus	6	rahmatfauzi	\$2y\$10\$Oa/34FzU6nVnr7aZtd8c5.CcK9qvM0JW1IHDnvox8x5...
<input type="checkbox"/>	Ubah	Salin	Hapus	7	rudi	\$2y\$10\$C2RJ7qoue6kHO1IJxq.sT.chrXs9V4SQUM6yW8aFPwk...

Pilih Semua Dengan pilihan: Ubah Salin Hapus Ekspor

Tampilkan semua | Jumlah baris: 25 | Saring baris: Cari di tabel ini | Urut berdasarkan kunci: Tidak ada



MEMBUAT HALAMAN REGISTRASI



Halaman Registrasi

- Username :

- password :

- konfirmasi password :

-

CODINGAN FILE REGISTRASI.PHP

```
1 <?php
2 require 'functions.php';
3
4 if ( isset($_POST["register"])){
5
6     if ( registrasi($_POST)>0){
7         echo" <script>
8             alert('username baru berhasil ditambahkan!')
9         </script>";
10    } else{
11        echo mysqli_error($conn);
12    }
13 }
14 ?>
15 <!DOCTYPE html>
16 <html lang="en">
17 <head>
18     <title>Halaman Registrasi</title>
19     <style>
20         label {
21             display : block;
22         }
23     </style>
24 </head>
25 <body>
26     <h1>Halaman Registrasi</h1>
27     <form action="" method="post">
28         <ul>
29             <li>
30                 <label for="username">Username :</label>
31                 <input type="text" name="username" id="username">
32             </li>
33             <li>
34                 <label for="password">password :</label>
35                 <input type="password" name="password" id="password">
36             </li>
37             <li>
38                 <label for="password2">konfirmasi password :</label>
39                 <input type="password" name="password2" id="password2">
40             </li>
41             <li>
42                 <button type="submit" name="register">Register!</button>
43             </li>
44         </ul>
45     </form>
46
47 </body>
48 </html>
```

MENAMBAHKAN CODINGAN REGISTRASI -> DI FILE "FUNCTION.PHP"

```
1 function registrasi($data){
2     global $conn;
3
4     $username = strtolower(stripslashes($data["username"]));
5     $password = mysqli_real_escape_string($conn,$data["password"]);
6     $password2 = mysqli_real_escape_string($conn,$data["password2"]);
7
8     // cek username sudah ada atau belum
9     $result = mysqli_query($conn,"SELECT username FROM users WHERE username = '$username'");
10
11     if (mysqli_fetch_assoc($result)){
12         echo "<script>
13             alert('username sudah terdaftar!')
14         </script>";
15         return false;
16     }
17     //cek konfirmasi password
18     if( $password !== $password2){
19         echo "<script>
20             alert('Password Anda salah!');
21         </script>";
22         return false;
23     }
24     // enkripsi password
25
26     $password = password_hash($password,PASSWORD_DEFAULT);
27
28
29     //tambahkan userbaru ke database
30     mysqli_query($conn, "INSERT INTO users VALUES('','$username','$password')");
31
32     return mysqli_affected_rows($conn);
33 }
34
```

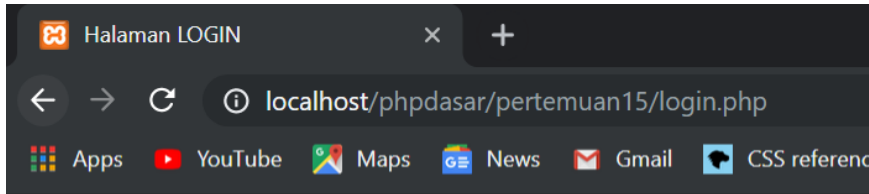



LOGIN

LOGIN SYSTEM

- Registrasi (Sign Up)
- Login (Sign In)
- Session (User yang sudah registrasi)
- Cookie (Remember Me)

MEMBUAT HALAMAN LOGIN



Halaman LOGIN

- Username :
- Password :
-



Halaman LOGIN

Username / password Salah

- Username :
- Password :
-

CODINGAN FILE LOGIN.PHP

```
<?php
require 'functions.php';
if ( isset($_POST["login"])){
    $username = $_POST["username"];
    $password = $_POST["password"];
    $result = mysqli_query($conn,"SELECT * FROM users WHERE username = '$username'");
    //cek username
    if(mysqli_num_rows($result) ==1){
        //cek password
        $row = mysqli_fetch_assoc($result);
        if(password_verify($password,$row["password"])){
            header("location:index.php");
            exit;
        }
    }
    $error = true;
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Halaman LOGIN</title>
    <style>
        label {
            display : block;
        }
    </style>
</head>
<body>
    <h1>Halaman LOGIN</h1>
    <?php if (isset($error) ) : ?>
        <p style="color:red; font-style:italic">Username / password Salah</p>
    <?php endif; ?>
    <form action="" method="post">
        <ul>
            <li>
                <label for="username">Username :</label>
                <input type="text" name="username" id="username">
            </li>
            <li>
                <label for="password">Password :</label>
                <input type="password" name="password" id="password">
            </li>
            <li>
                <button type="submit" name="login">Login</button>
            </li>
        </ul>
    </form>
</body>
</html>
```



SESSION

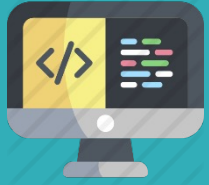
LOGIN SYSTEM

- Registrasi (Sign Up)
- Login (Sign In)
- **Session (User yang sudah registrasi)**
- Cookie (Remember Me)



DEFINISI SESSION

Mekanisme penyimpanan **informasi** ke dalam variable agar bisa digunakan di **lebih dari satu halaman**.



DEFINISI SESSION

- Informasi tersebut disimpan **di Server.**
- Session vs Cookie
- Membuat Session dengan menggunakan sintak variabel **\$_Session()** dan dimulai dengan sintak **Session_start()**

CONTOH SEDERHANA SESSION

Bikin file sederhana dengan nama **halaman1.php**
Dengan sintak coding seperti Gambar di bawah ini



```
<?php
```

```
    session_start();
```

```
    $_SESSION["nama"] = "Rahmat Fauzi"
```

```
?>
```

CONTOH SEDERHANA SESSION

Bikin file sederhana dengan nama **halaman2.php**
Dengan sintak coding seperti Gambar di bawah ini



```
<?php
```

```
    session_start();
```

```
    echo $_SESSION["nama"];
```

```
?>
```

KETERANGAN CONTOH SESSION

Pada sintak codingan **halaman1.php**, Session pertama kali dibuat dengan membuat variable \$nama,
Pada sintak codingan **halaman2.php**, variable \$nama di panggil.

Nb : jika kita menjalankan file **halaman2.php** terlebih Dahulu, variable \$nama tidak akan muncul. Disinilah peran Fungsi variabel Superlobal **Session()**.

CONTOH SEDERHANA BREAK SESSION

Bikin file sederhana dengan nama **halaman3.php**
Dengan sintak coding seperti Gambar di bawah ini

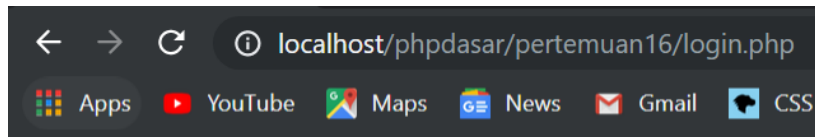


```
<?php
```

```
session_start();  
session_destroy();
```

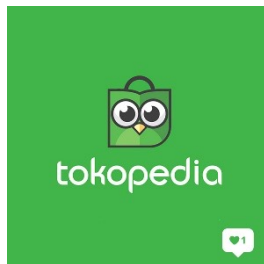
```
?>
```

MEMBUAT LOGIN DENGAN SESSION



Halaman LOGIN

- Username :
- Password :
-



**Pada session ini,
mempunyai fungsi memaksa
User untuk masuk ke halaman
Login sebelum mengakses
halaman tertentu.**

**Misalkan saat berbelanja di
Tokopedia, memesan tiket di
Traveloka.**



SESSION LOGIN.PHP

```
<?php
session_start();
if (isset($_SESSION["login"])){
    header("location:index.php");
    exit;
}
require 'functions.php';
if (isset($_POST["login"])){

    $username = $_POST["username"];
    $password = $_POST["password"];

    $result = mysqli_query($conn,"SELECT * FROM users WHERE username = '$username'");
    //cek username
    if(mysqli_num_rows($result) ===1){

        //cek password
        $row = mysqli_fetch_assoc($result);
        if(password_verify($password,$row["password"])){
            //set session
            $_SESSION["login"] = true;

            header("location:index.php");
            exit;
        }
    }
    $error = true;
}
```

MEMBUAT LOGOUT DENGAN SESSION



[Logout](#)

Daftar BARANG TOKO ABC

[Tambah Data Barang Toko ABC](#)

No.	Aksi	Gambar	Nama Barang	Kode Barang	Harga Barang	Stok Barang
1	Ubah Hapus		Tas Eiger zas	TAS001	100000	89
2	Ubah Hapus		Sepatu Adidas	SPT001	275000	5
3	Ubah Hapus		Kursi Rotan	KURSI001	120000	30
4	Ubah Hapus		rambutan	BUAH008	3400	123
5	Ubah Hapus		Mangga	BUAH0078	5600	76



SESSION LOGOUT.PHP

```
<?php

session_start();
$_SESSION = [];
session_unset();
session_destroy();

header("Location: login.php");
exit;

?>
```




SESSION

Pada Halaman **CRUD** yang telah kita buat sebelumnya,

User ingin mengakses halaman tertentu misalkan **index.php / tambah.php / dll**, tetapi saya ingin user **harus** mengakses **Halaman Login** terlebih dahulu sebelum Mengakses Halaman tersebut.

Coba Tambahkan Codingannya !



COOKIE

LOGIN SYSTEM

- **Registrasi (Sign Up)**
- **Login (Sign In)**
- **Session (User yang sudah registrasi)**
- **Cookie (Remember Me)**

LOGIN SYSTEM DENGAN COOKIE

← → ↻ ⓘ localhost/phpdasar/pertemuan17/login.php

Halaman LOGIN

- Username :
- Password :
- ☐ Remember me
-



SESSION LOGIN.PHP

```
<?php
session_start();

//cek cookie
if (isset($_COOKIE['login']) ) {
    if ($_COOKIE['login'] == 'true'){
        $_SESSION['login'] = true;
    }
}

if (isset($_SESSION["login"])){
    header("location:index.php");
    exit;
}

require 'functions.php';
if ( isset($_POST["login"])){

    $username = $_POST["username"];
    $password = $_POST["password"];

    $result = mysqli_query($conn,"SELECT * FROM users WHERE username = '$username'");
    //cek username
    if(mysqli_num_rows($result) ===1){

        //cek password
        $row = mysqli_fetch_assoc($result);
        if(password_verify($password,$row["password"])){
            //set session
            $_SESSION["login"] = true;
            //cek remember me

            if(isset($_POST['remember'])){
                //buat cookie
                setcookie('login','true',time()+60);
            }

            header("location:index.php");
            exit;
        }
    }

    $error = true;
}

?>
```



SESSION LOGIN.PHP (LANJUTAN)

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Halaman LOGIN</title>
</head>
<body>
  <h1>Halaman LOGIN</h1>

  <?php if (isset($error) ) : ?>
    <p style="color:red; font-style:italic">Username / password Salah</p>
  <?php endif; ?>

  <form action="" method="post">
    <ul>
      <li>
        <label for="username">Username :</label>
        <input type="text" name="username" id="username">
      </li>
      <li>
        <label for="password">Password :</label>
        <input type="password" name="password" id="password">
      </li>
      <li>
        <input type="checkbox" name="remember" id="remember">
        <label for="remember">Remember me</label>
      </li>
      <li>
        <button type="submit" name="login">Login</button>
      </li>
    </ul>
  </form>

</body>
</html>
```



SESSION LOGOUT.PHP

logout.php ✕

pertemuan17 > logout.php

```
1  <?php
2
3  session_start();
4  $_SESSION = [];
5  session_unset();
6  session_destroy();
7
8
9  header("Location: login.php");
10 exit;
11
12 ?>
```



MENGECHECK COOKIE di inspect element

localhost/phpdasar/pertemuan17/index.php

202 x 474

Elements Console Sources Network Performance Memory Application Security Audits EditThisCookie

Application

- Manifest
- Service Workers
- Clear storage

Storage

- Local Storage
- Session Storage
- IndexedDB
- Web SQL
- Cookies
 - http://localhost

Cache

- Cache Storage
- Application Cache

Background Services

- Background Fetch
- Background Sync
- Notifications
- Push Messaging

Frames

- top

Filter

Name	Value	Domain	Path	Expire...	Size	HttpO...	Secure	SameS...
PHPSESSID	ov8hvue0bj3vrqgnbd74f78951	localh...	/	Session	35			
login	true	localh...	/phpd...	2019-...	9			

MEMBUAT COOKIE NGACAK

← → ↻ ⓘ localhost/phpdasar/pertemuan17/login.php

Halaman LOGIN

- Username :
- Password :
- ☐ Remember me
-



SESSION LOGIN.PHP

```
1 <?php
2 session_start();
3 require 'functions.php';
4
5 //cek cookie ngacak berdasarkan id
6 if (isset($_COOKIE['id']) && isset($_COOKIE['key'])) {
7     $id = $_COOKIE['id'];
8     $key = $_COOKIE['key'];
9
10    //ambil username berdasarkan id
11    $result = mysqli_query($conn,"SELECT username FROM users WHERE id = $id");
12    $row = mysqli_fetch_assoc($result);
13
14    //cek cookie dan username
15    if($key === hash('sha256',$row['username'])) {
16        $_SESSION['login'] = true;
17    }
18 }
19
20
21
22 if (isset($_SESSION['login'])){
23     header("location:index.php");
24     exit;
25 }
26
27
28 if ( isset($_POST["login"])){
29
30     $username = $_POST["username"];
31     $password = $_POST["password"];
32
33     $result = mysqli_query($conn,"SELECT * FROM users WHERE username = '$username'");
34     //cek username
35     if(mysqli_num_rows($result) ==1){
36
37         //cek password
38         $row = mysqli_fetch_assoc($result);
39         if(password_verify($password,$row["password"])){
40             //set session
41             $_SESSION["login"] = true;
42             //cek remember me
43
44             if(isset($_POST['remember'])){
45                 //buat cookie
46                 //setcookie('login','true',time()+60);
47
48                 //buat cookie ngacak
49                 setcookie('id',$row['id'],time()+60);
50                 setcookie('key',hash('sha256',$row['username']),time()+60);
51             }
52
53             header("location:index.php");
54             exit;
55         }
56     }
57 }
58
59 $error = true;
60 }
61
62 ?>
```



SESSION LOGIN.PHP

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Halaman LOGIN</title>
</head>
<body>
  <h1>Halaman LOGIN</h1>

  <?php if (isset($error) ) : ?>
    <p style="color:red; font-style:italic">Username / password Salah</p>
  <?php endif; ?>

  <form action="" method="post">
    <ul>
      <li>
        <label for="username">Username :</label>
        <input type="text" name="username" id="username">
      </li>
      <li>
        <label for="password">Password :</label>
        <input type="password" name="password" id="password">
      </li>
      <li>
        <input type="checkbox" name="remember" id="remember">
        <label for="remember">Remember me</label>
      </li>
      <li>
        <button type="submit" name="login">Login</button>
      </li>
    </ul>
  </form>
</body>
</html>
```



SESSION LOGOUT.PHP

```
1 <?php
2
3 session_start();
4 $_SESSION = [];
5 session_unset();
6 session_destroy();
7
8 setcookie('id','',time()-3600);
9 setcookie('key','',time()-3600);
10
11
12 header("Location: login.php");
13 exit;
14
15 ?>
```



MENGECHECK COOKIE ACAK di inspect element

202 x 474

localhost/phpdasar/pertemuan17/index.php

Elements Console Sources Network Performance Memory Application Security Audits EditThisCookie

Application

- Manifest
- Service Workers
- Clear storage

Storage

- Local Storage
- Session Storage
- IndexedDB
- Web SQL
- Cookies
 - http://localhost

Cache

- Cache Storage
- Application Cache

Background Services

Filter

Name	Value	Domain	Path	Expire...	Size	HttpO...
PHPSESSID	ov8hvue0bj3vrqgnbd74f78951	localh...	/	Session	35	
id	6	localh...	/phpd...	2019-...	3	
key	b66360d4cb6a66e020c4fb62cd2381a97cba12...	localh...	/phpd...	2019-...	67	

Daftar BARANG TOKO ABC

Tambah Data Barang > Toko ABC

Daftar barang

No.	Aktif	Gambar	Nama Barang	Kode Barang	Marga Barang	Stok Barang
1	Link Detail		Tim Ekspirasi	XS0001	1000000	89
2	Link Detail		Sepatu Adidas	SPT001	275000	5
3	Link Detail		Kopi Rotan	KS000001	120000	50
4	Link Detail		Industries	IND00000	1400	123
5	Link Detail		Mangga	MD000076	5000	76
6	Link Detail		Pengalasan	APK0001	5000	80
7	Link Detail		Induk Gander	AKK0001	8000	750



Any Question ?

Thank you



PHP Dasar

Link Referensi Tambahan

Modul Praktikum WAD SI FRI

Modul Praktikum WAD Teknik Informatika FIF

<https://www.petanikode.com/tutorial/php/>

www.Youtube.com/webprogrammingUNPAS