

# PHP Session and Cookie

Course Code: **CSC 3222**

Course Title: WEB TECHNOLOGIES



**Dept. of Computer Science**  
**Faculty of Science and Technology**

<b>Lab No:</b>	<b>5</b>	<b>Week No:</b>	<b>5</b>	<b>Semester:</b>	
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# Lecture Outline

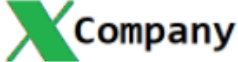


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# Learning outcome



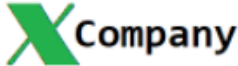
- In this lecture, we will learn temporary storage like Session & Cookie and their usage using PHP.
- Suppose we want to create one web application as following.

	<a href="#">Home</a>   <a href="#">Login</a>   <a href="#">Registration</a>
Welcome to xCompany	
Copyright © 2017	



## After Login the system

- We can perform the following operation after successfully logged in.
- In that case, we need session to track user.
- **Sessions** are a simple way to store data for individual users against a unique **session ID**.

 Logged in as <a href="#">Bob</a>   <a href="#">Logout</a>	
<b>Account</b> <ul style="list-style-type: none"><li>• <a href="#">Dashboard</a></li><li>• <a href="#">View Profile</a></li><li>• <a href="#">Edit Profile</a></li><li>• <a href="#">Change Profile Picture</a></li><li>• <a href="#">Change Password</a></li><li>• <a href="#">Logout</a></li></ul>	<b>Welcome Bob</b>
Copyright © 2017	

## Example of Cookie

```
<?php
$cookie_name = "user";
$cookie_value = "Alex Porter";
setcookie($cookie_name, $cookie_value, time() + (86400 * 30), "/");
?>
<html>
<body>
<?php
if(!isset($_COOKIE[$cookie_name])) {
    echo "Cookie named '" . $cookie_name . "' is not set!";
} else {
    echo "Cookie '" . $cookie_name . "' is set!<br>";
    echo "Value is: " . $_COOKIE[$cookie_name];
}
?>
</body>
</html>
```

## Delete a Cookie

```
<?php
// set the expiration date to one hour ago
setcookie("user", "", time() - 3600);
?>
```

## Check if Cookies are Enabled

```
<?php
if(count($_COOKIE) > 0) {
    echo "Cookies are enabled.";
} else {
    echo "Cookies are disabled.";
}
?>
```

# PHP Session



- A session is a way to store information (in variables) to be used across multiple pages.
- **Sessions** are a simple way to store data for individual users against a unique **session** ID.
- Session variables are set with the PHP global variable: `$_SESSION`.
- The `session_start()` function must be the very first thing in your document. Before any HTML tags.

## Example of session

```
<?php
session_start();
?>
<!DOCTYPE html>
<html>
<body>
<?php
// to change a session variable, just overwrite it
$_SESSION["favcolor"] = "yellow";
print_r($_SESSION);
?>
</body>
</html>
```

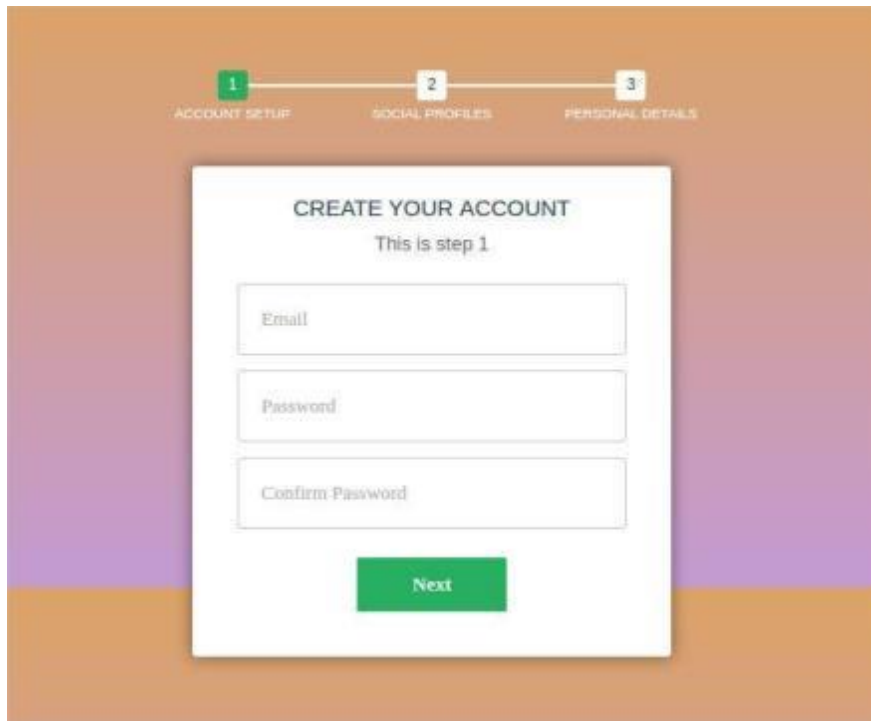
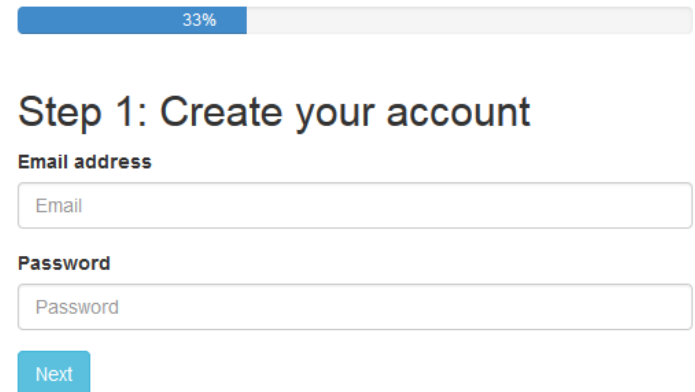
To remove or destroy session.

```
<?php
// remove all session variables
session_unset();
?>
```



## Uses of session

- PHP Login Form /Log out with Sessions.
- Creating a multi-page registration form using PHP and session.
- Creating a multi-page order form using PHP and Sessions.
- More details, we will see in the lab class.

A screenshot of a web form titled "CREATE YOUR ACCOUNT" with the subtitle "This is step 1". At the top, there is a progress bar with three steps: "1 ACCOUNT SETUP" (highlighted in green), "2 SOCIAL PROFILES", and "3 PERSONAL DETAILS". The form contains three input fields: "Email", "Password", and "Confirm Password". Below these fields is a green "Next" button.A detailed view of the first step of the account creation process. It shows a progress bar at the top with "33%" completed. Below the progress bar is the heading "Step 1: Create your account". Underneath, there is a label "Email address" followed by an input field containing the placeholder text "Email". Below that is a label "Password" followed by an input field containing the placeholder text "Password". At the bottom is a blue "Next" button.



# Books

- W3Schools Online Web Tutorials; URL: <http://www.w3schools.com>
- PHP Documentation; URL: <http://www.php.net/docs.php>
- Sams Teach Yourself Ajax JavaScript and PHP All in One; Phil Ballard and Michael Moncur; Sams Publishing; 2010
- JavaScript Phrasebook; Christian Wenz; Sams Publishing; 2007
- PHP and MySQL Web Development, 4/E; Luke Welling and Laura Thomson; Addison-Wesley Professional; 2009
- JavaScript for Programmers Paul J. Deitel and Harvey M. Deitel; Prentice Hall; 2009
- Beginning PHP5, Apache, and MySQL Web Development; Elizabeth Naramore, Jason Gerner, Yann Le Scouarnec, Jeremy Stolz and Michael K. Glass; Wiley Publishing; 2005
- XML in a Nutshell, 3/E; Elliotte Rusty Harold and W. Scott Means; O'Reilly Media; 2004



# References

1. <https://www.codeofaninja.com/2013/03/php-login-script.html>
2. <https://html.form.guide/php-form/php-order-form.html>
3. [https://www.tutorialspoint.com/php/php\\_login\\_example.htm](https://www.tutorialspoint.com/php/php_login_example.htm)
4. <https://codewithhawa.com/posts/admin-and-user-login-in-php-and-mysql-database>