



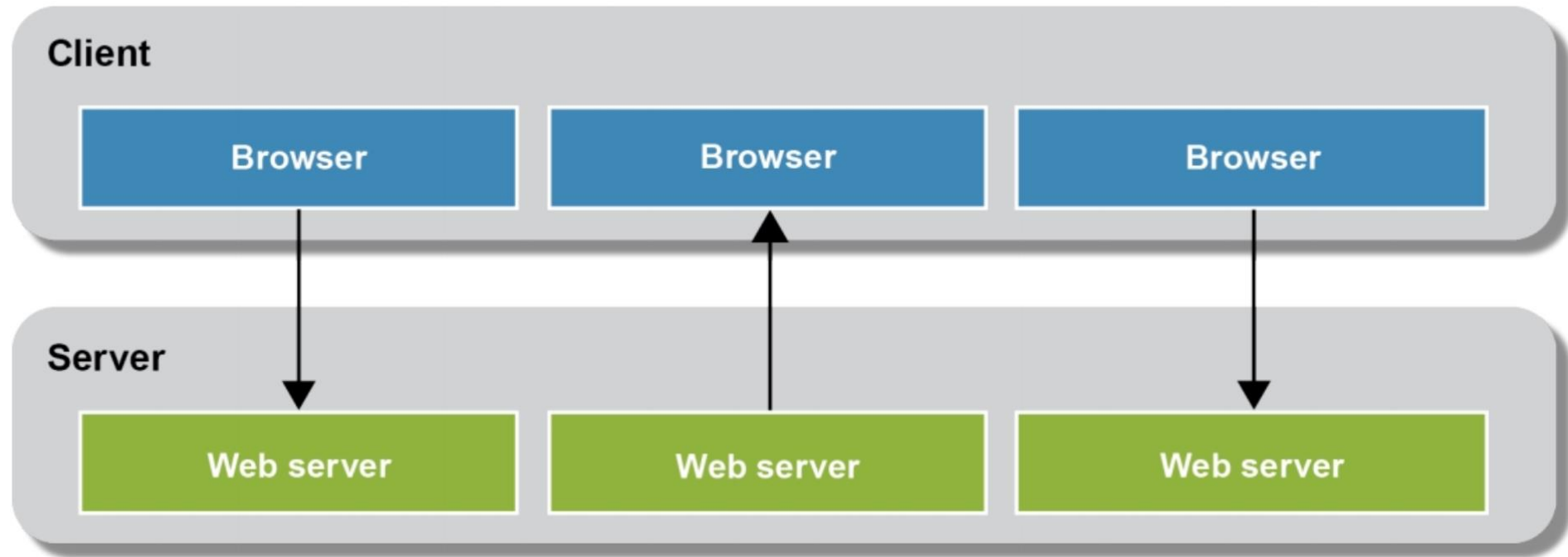
PHP SESSION

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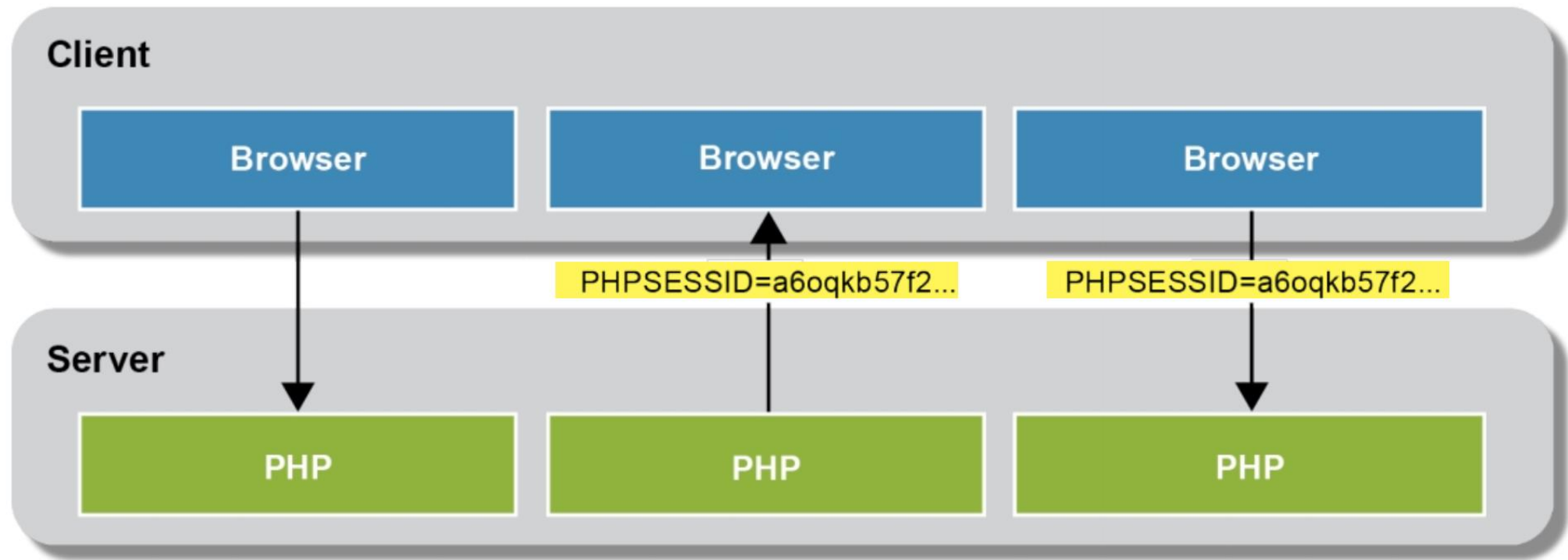
Boston University
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HTTP

STATELESS PROTOCOL



PHP IDENTIFIER



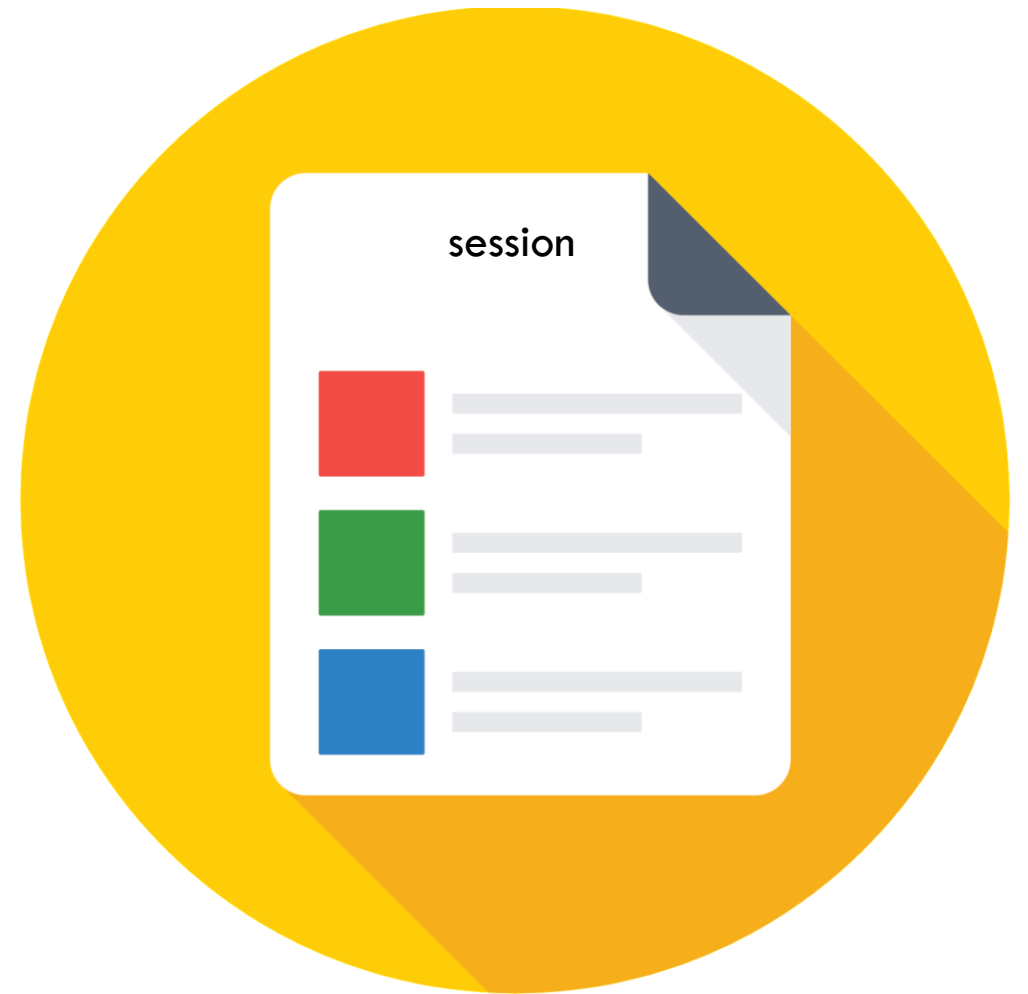
PHP COOKIES

By default, PHP
uses cookies to
store the ID



PHP SESSION_START()

Checks for a session in the request. Creates a new one if not found



FIRST THING: DECLARE BEFORE ANYTHING



`session_start()`

Must be the first thing
you declare in your .php
file

Before any `echo()`

PHP

DECLARE 1ST

```
<?php
```

```
    session_start();
```

```
    $i = 0;
```

```
    call_my_function();
```

```
?>
```



SESSION_START() OVERVIEW

Function	Description
<code>session_start()</code>	Starts a new session or resumes a previous session. Returns TRUE if successful and FALSE otherwise. This function must be called before the page sends any HTML output to your application.

SESSION CUSTOMIZE

`session_set_cookie_params ();`

Parameter	Description
\$lifetime	The lifetime of the session cookie in seconds. The default is 0.
\$path	The path on the server the session cookie is available to. The default is the current directory of the script that is setting the cookie.
\$domain	The domain that the cookie is available to. The default is the name of the server that is setting the cookie.
\$secure	If TRUE, the cookie is available only if it is sent using a secure HTTP connection (an HTTPS connection). The default is FALSE.
\$httponly	If TRUE, the cookie is only available through the HTTP protocol and not through client-side scripting languages such as JavaScript. The default is FALSE.

SESSION CUSTOM SETTINGS

```
$lifetime = 60 * 60 * 24 * 365;    // 1 year in seconds  
session_set_cookie_params($lifetime, '/');  
session_start();
```

SESSION SUPER GLOBAL



Begin with `session_start()`
then use `$_SESSION`

Page with
`session_start()`, then
use

`$_SESSION['foo']` = **any data type**

SESSION
SET || GET YOUR SESSION DATA

`$_SESSION['foo']` = any data type;

SESSION EXAMPLES

How to set and get scalar variables

Set a variable in a session

```
$_SESSION['product_code'] = 'MBT-1753';
```

Get a variable from a session

```
$product_code = $_SESSION['product_code'];
```

How to set and get arrays

Set an array in a session

```
if (!isset($_SESSION['cart'])) {  
    $_SESSION['cart'] = array();  
}
```

Add an element to an array that's stored in a session

```
$_SESSION['cart']['key1'] = 'value1';  
$_SESSION['cart']['key2'] = 'value2';
```

Get and use an array that's stored in a session

```
$cart = $_SESSION['cart'];  
foreach ($cart as $item) {  
    echo '<li>' . $item . '</li>';  
}
```

SESSION CHOICES

Default: Session data
saved on your web
server

Better: Use your database



SESSION ENDING

```
<?php
```

```
$_SESSION = array( );
```

```
session_destroy( );
```

```
?>
```

SESSION ENDING

A function to end a session

Function	Description
<code>session_destroy()</code>	Ends a session. Returns TRUE if successful and FALSE otherwise.

End a session

```
$_SESSION = array();           // Clear session data from memory
session_destroy();              // Clean up the session ID
```