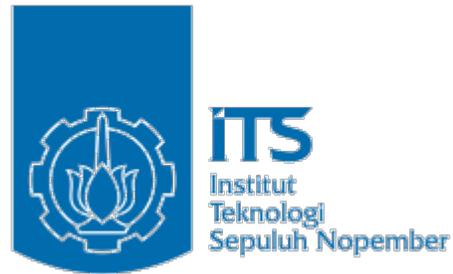

User Authentication



Web Programing

M. Udin Harun AR

authentication method

- Basic authentication
- User & password stored in database



Basic authentication

- We hard code the username and password combination in the login script itself. Suitable for simple application.
 - With this basic authentication method we store the user information (user id and password) directly in the script.
 - This is only good if the application only have one user since adding more user means we must also add the new user id and password in the script.
-

Example

User Id	<input type="text"/>
Password	<input type="password"/>
	<input type="button" value="Login"/>

Code login.php

- [Click Here](#)

-
- Make sure that the form method is set to **post** since we certainly don't want to show up the user id and password in the address bar.
 - We simply check if the user id and password exist in `$_POST` and check if these two match the hardcoded user id and password.
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- If the submitted user id and password match these two then we set the value of `$_SESSION['basic_is_logged_in']` to true. After that we move the application's main page. In this case it's called `main.php`
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- If the user id and password don't match we set the error message. This message will be shown on top of the login form.
-

Checking if the user is logged in or not

- Since the application main page, main.php, can only be accessed by those who already authenticated themselves we must check that before displaying the page.
 - `$_SESSION['basic_is_logged_in']` is set or not.
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- If `$_SESSION['basic_is_logged_in']` is set and its value is true then we can continue showing the rest of the page.
-

Code main.php

- ```
<?php
// like i said, we must never forget to start the session
session_start();

// is the one accessing this page logged in or not?
if (!isset($_SESSION['basic_is_logged_in']) || $_SESSION['basic_is_logged_in'] !== true) {
 // not logged in, move to login page
 header('Location: login.php');
 exit;
}

?>
<html>
<head>
<title>Main User Page</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
</head>

<body>
<p>This is the main application page. You are free to play around here since you
are an authenticated user :-)</p>
<p> </p>
<p>Logout</p>
</body>
</html>
```
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# The Logout Script

- check if `$_SESSION['basic_is_logged_in']` is already set or not and check whether its value is true. Using this information we can build the logout script to simply unset this session **or** set the session value to false.
-

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# Code logout.php

- ?php  
// i will keep yelling this  
// DON'T FORGET TO START THE SESSION !!!  
session\_start();  
  
// if the user is logged in, unset the session  
if (isset(\$\_SESSION['basic\_is\_logged\_in'])) {  
 unset(\$\_SESSION['basic\_is\_logged\_in']);  
}  
  
// now that the user is logged out,  
// go to login page  
header('Location: login.php');  
?>
-

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# Login Using Database

- Buat database user → tbl\_auth\_user

```
CREATE TABLE `tbl_auth_user` (
 `user_id` varchar(10) NOT NULL default "",
 `user_password` varchar(32) NOT NULL default "",
 PRIMARY KEY (`user_id`)
);
```

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# Contoh script di file DOC

- Session-login.doc

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# FINISH

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# Tugas

- Buat Kelompok 2 Orang.
  - Buat Proposal Final Project kuliah Web Application !!!
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