Training Day 26 Report

15 July 2025

The twenty-sixth day of Web Development training focused on logout functionality and session management. We learned how to properly handle user sessions and ensure secure logout for admin users to protect the portal's sensitive areas.

1. Logout Implementation

Created a logout script that destroys the session and redirects the user to the login page.

Example – logout.php:

```php
<?php
session_start();
session_unset();
session_destroy();
header("Location: login.php");
exit;
?>
```

Added a Logout button or link in the admin dashboard for easy access.

2. Securing Admin Pages

Used session checks on all admin pages to restrict access:

```php
session_start();
if (!isset($_SESSION['admin'])) {
  header("Location: login.php");
  exit;
}
```

This ensures that only authenticated users can view and manage admin content.

3. Hands-on Practice

Created and tested the logout feature

Applied session checks to multiple admin pages

Handled edge cases (e.g., direct access via URL without login)

Improved the UI by displaying logged-in admin's name and a logout link

4. Relevance to Project

Session management is critical for any secure web application. It ensures that only authorized users remain logged in and sensitive actions are protected from misuse or unauthorized access.

5. Learning Outcomes

Learned how to create a secure logout mechanism

Understood the importance of session validation

Practiced enforcing access control on multiple backend pages

Improved overall project security and professionalism

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