AMERICAN INTERNATIONAL UNIVERSITY–BANGLADESH (AIUB)

Faculty of Science and Technology (FST)
Department of Computer Science (CS)
Course: Web Technologies

Lab Task 02: Introduction to PHP Cookies

Instructions:

1. **Complete the task using PHP only.**
2. **Use proper cookie creation, retrieval, and deletion techniques.**
3. **Save files with .php extension.**
4. **Push all files to your GitHub repository after completion.**

Scenario:

You are building a web page that remembers a user's preferred theme (e.g., light or dark) using cookies. Unlike sessions, cookies persist even after the browser is closed. This lab introduces setting, reading, and deleting cookies in PHP.

Task Requirements:

Create three files:

- set_cookie.php
- read_cookie.php
- delete_cookie.php

Part A: Setting a Cookie (set_cookie.php)

1. Ask the user to select a preferred theme using a simple HTML form:

- Options: Light, Dark
- Submit button

2. Use $_POST to get the selection.

3. Set a cookie named user_theme with the selected value:

- Expiration: 1 week

4. After setting the cookie, redirect the user to read_cookie.php.

Part B: Reading the Cookie (read_cookie.php)

1. Retrieve the cookie value using $_COOKIE.

2. Display a message like:

"Hello! Your preferred theme is Dark."

3. If the cookie does not exist, display:

"No theme selected. Please choose your preferred theme."

4. Include a link to delete_cookie.php to remove the cookie.

Part C: Deleting the Cookie (delete_cookie.php)

1. Delete the cookie by setting its expiration time in the past.

2. Display a message confirming deletion:

"Cookie has been deleted successfully."

3. Provide a link back to set_cookie.php to set a new cookie.