

Training Day 7 Report

26 June 2025

The seventh day of Web Development training introduced form handling in HTML and PHP. We learned how to create input forms and capture user data using server-side scripting. The session emphasized the importance of structuring forms correctly and handling form submissions securely.

1. Introduction to Forms

HTML forms are used to collect user input. We explored the basic elements of a form and how to connect it to a PHP script for processing.

Key Elements:

`<form>`: Defines the form

`<input>`: Creates various input fields (text, email, password, submit)

`<textarea>`, `<select>`, `<option>`: For multiline and dropdown inputs

Attributes: action, method, name, value, required

Example:

```
<form action="submit.php" method="post">  
  Name: <input type="text" name="name" required>  
  <input type="submit" value="Submit">  
</form>
```

2. PHP Form Handling Basics

Learned how to use PHP to retrieve and display form data using the `$_POST` and `$_GET` superglobals.

Example:

```
<?php  
$name = $_POST['name'];
```

```
echo "Welcome, " . $name;  
?>
```

Covered topics:

Difference between GET and POST methods

Basic server-side validation

Echoing and storing form inputs

3. Hands-on Practice

Created a basic contact form

Linked it to a PHP file to display submitted values

Applied required, placeholder, and label tags for better accessibility

Tested both POST and GET methods

4. Relevance to Project

Forms will be essential in the Alumni Management Portal for:

Alumni registration

Event feedback submission

Contacting admin

Filtering alumni lists based on criteria

5. Learning Outcomes

Learned to build input forms using HTML

Understood the use of PHP for handling user data

Practiced structuring and validating form input

Gained insight into secure and user-friendly form design

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