

Tutorial - 01  
IT2133(P) Advanced Web Programming  
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Imagine you are tasked with creating a **simple feedback submission system** for a website. Users can submit their feedback on various topics, and the system should handle their inputs with proper validation and display a confirmation message if everything is correct.

1. Create a feedback form with the following fields:
  - (i). **Name** (Text)
  - (ii). **Email** (Email)
  - (iii). **Topic** (Dropdown with options like "Website", "Product", "Service")
  - (iv). **Feedback** (Text area)

Add a submit button labelled "**Submit Feedback**".

Requirements:

- All fields should be mandatory.
  - Use appropriate input types and a dropdown menu for the topic.
2. Write a PHP script (process\_feedback.php) to **process the form data** from feedback\_form.php.
    - (i). Validate the following:
      - **Name**: Should contain only letters and spaces.
      - **Email**: Ensure valid email format using PHP's built-in filter.
      - **Feedback**: Should be at least 10 characters long to ensure the feedback is meaningful.
    - (ii). If any validation fails, display an error message for each invalid field and allow the user to correct their inputs. Redirect them back to feedback\_form.php with the errors.
  3. If all validation passes(thank\_you.php):
    - (i). Display a message: "**Thank you for your feedback!**"
    - (ii). Show the entered name and the selected topic (without showing the email or feedback text).
    - (iii). Display the current date and time of submission using PHP.
  4. Define a constant for the minimum feedback length required (10 characters) (constants.php)

- (i). Use this constant in the feedback validation (from Question 2) to check if the feedback length is sufficient.
- 5. Write a function named **clean\_input()** that takes a string as input and trims spaces, strips HTML tags, and removes any special characters. (helper\_functions.php).
  - (i). Use this function in process\_feedback.php to sanitize all inputs before processing them.
- 6. Use **superglobal variables** to display a personalized thank-you message on thank\_you.php that includes the user's name and selected topic. Example: "Thank you for your feedback on [Topic], [Name]!"