Assessment

* **Module 04: WD – HTML**
* **Module 05: WD - CSS and CSS3**
* **Module 06: Website Designing - HTML5**
* **Module 07: WD - Bootstrap Basic and Advanced**
* **Module 08: Basic Javascript**

# Case Overview:

**Scenario:**

You are a junior web developer at Flitzen Technologies Pvt Ltd, a company that organizes tech and business events. The management wants a responsive web-based registration system to allow participants to sign up online for various events. Your job is to create a multi-field web form, validate inputs using JavaScript, and display submissions using localStorage.

|  |  |
| --- | --- |
| **Core functionality** | |
| |  | | --- | | 1. **Responsive AddProducts Form** |  |  | | --- | |  | | |  | | --- | | * + Build an HTML5/CSS3 form for added addproducts form   for an event. Collect: Full  ProductName - text, Price - number, Offerprice -number,Photo - blob,Qty -number ,Descriptions -text ,added\_date - (datae formate)  Use Flexbox or Grid layout. | |
| 2.Form Labels & Controls | |  | | --- | | * + Add proper <label>, <input>, <select>, <textarea>,   placeholder, Submit and Reset buttons. |  |  | | --- | |  | |
| |  | | --- | | 3.Input Validation (JavaScript) |  |  | | --- | |  | | |  | | --- | | * All fields required. * Product Name must be valid format. * Photo must be valid formate accepty only jpeg | png| jpg not more than 155 kb of size. * Qty must be numbers. |  * + Added date is date formate   + Description should be text |
| |  |  |  | | --- | --- | --- | | |  | | --- | | View AddProducts form data |  |  | | --- | |  | |  |  | | --- | |  | | |  | | --- | | * Create a addproducts.html page to display all submissions in   a table with columns: ProductName, price , photo, qty , descriptions, added date |  |  | | --- | |  | |

# Key Competencies Tested

# HTML5 Form Design & Responsive Layout using Flexbox/Grid

# JavaScript-based Real-time Input Validation

# DOM Manipulation (errors, table rendering)

# CRUD operations with localStorage

# Clear, user-friendly messages and UX behavior

# Reflective Thinking Questions

# How can we enhance the experience for users registering from mobile devices?

# Would adding real-time validation using input event handlers improve usability?

# Can you think of third-party libraries (e.g., jQuery, Formik, Bootstrap Validator) that could simplify or enhance this system?

# What strategies would you apply to prevent duplicate submissions or spam entries?