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

* The company wants to digitize its **Customer Interaction System** to make it faster and paperless. Your task is to build a **responsive web page** and handle its UI using JavaScript.

## Core Functionality

**Techstack**

Html, Html5 , css , css3 and javascript

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| --- | --- |
| **Feature** | **Description** |
| Create a AddProducts web responsive Forms | * Create an HTML/CSS using a fluid layout with all fields for add products form Flexbox or Grid for mobile-friendly layout. |
| Form Labels & UI Elements | * Created or added some forms such as account form and login form Include proper labels, placeholders, and **Submit** & **Reset** buttons. |
| Validation (JavaScript) | * All fields are required. * price must be valid format. * Products photo should be png | jpg | jpeg and not more than 250 kb of size is uploaded. |
| Data Storage | * On successful validation, store data in localStorage as a list of submissions. |
| Form Reset | * Clear the form after submission. |
| User Feedback | * Show success message when data is saved. * Show error messages near fields when validation fails. |
| View Submissions Page | * On addproducts.html, read data from localStorage and display in an HTML table with columns: productName, Price,offerprice,photo,qty, descriptions,added\_date. |
| No Data Handling | * If no data exists in localStorage, show **“No data available”** message. |

## Key Competencies Tested

* HTML5 Form Design & Responsive Layout
* JavaScript Input Validation
* DOM Manipulation & Dynamic Rendering
* localStorage CRUD Operations
* Clear User Feedback on Errors & Success

## Reflective Thinking Questions

* How would you improve **data validation** and **user feedback** in real-world apps?
* Could **regular expressions**, **inline tooltips**, **real-time validation**, or **third-party libraries** improve user experience?