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 Hashcrypt 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

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| **Feature** | **Description** |
| Responsive Web page | * Create an HTML/CSS using a fluid layout with tabular concepts Header ,Navbar, slider and content. Use 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. * Email must be valid format. * Phone must be exactly 10 digits. |
| 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 index.html, read data from localStorage and display in an HTML table with columns: Name, Phone, Email, Vehicle, Complaint. |
| 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?