Cloud Computing Cell
Task – 2

Objective

The goal of this task is to assess your proficiency in building a dynamic and interactive web page using HTML, CSS, and JavaScript. You will create a web application that includes a user registration form, a dynamic carousel, and an interactive star rating system.

Task Requirements :-

Create a **website** with a **navbar** containing two tabs: **Registration Form** and **Carousel**..

- The **Registration Form tab** should display a registration form.

- The **Carousel tab** should display an image carousel with multiple images, and each image should have a **star rating system** placed below it so users can rate every image.

1. Registration Form

Design and implement a responsive and visually appealing registration form.

Fields:

- Name: A text input field.

- Email: A text input field.

- Contact Number: A text input field.

- Gender: A dropdown list with options for Male, Female.

- Password: A password input field.

- Confirm Password: A password input field.

Validations (using JavaScript):

- All Fields Required: Every field must be filled out before submission.

- Name Validation: The name field must not contain any numbers or special characters (e.g., !, @, #).

- Email Validation: The email must be in a valid format (e.g., user@example.com).

- Contact Number Validation: The contact number must contain exactly 10 digits and only numbers.

- Password Validation:

  o Must be at least 6 characters long. o Must contain at least one

    uppercase letter (A-Z). o   Must contain at least one lowercase

    letter (a-z). o   Must contain at least one number (0-9).

  o Must contain at least one special character (e.g., !, @, #, $).

- Confirm Password Validation: The "Confirm Password" field must exactly match the "Password" field.

2. Carousel

Create an carousel with following functionality

Features:

- The carousel must display at least three different slides.

- Include left and right arrow buttons to navigate between the slides.

- When a button is clicked, the carousel should smoothly transition to the next or previous image.

- The carousel should loop, meaning that after the last image, it returns to the first.

3. 5-Star Rating System

Implement an interactive 5-star rating system below the carousel.

Features:

- The system should display five star icons.

- When a user hovers over a star, that star and all preceding stars should change color to indicate the rating.

- When the user clicks on a star, the rating should be "locked in," and all stars up to the selected one should remain highlighted.

- The rating should be cleared if the user clicks the selected star again.

Submission Guidelines

Last Date to Submit : **05/10/2025**