**ACTIVITY 7: BUILDING AN INTERACTIVE USER INFORMATION TABLE**

**Objective:**

In this activity, you will build a website that collects user information through a form and dynamically displays it in a table. You will practice using HTML for structuring web content, CSS for styling layouts, and JavaScript for implementing interactive behavior.

**Instructions:**

1. **Input Form Setup:**
   * Create an HTML form with input fields for the following information:
     + First name
     + Last name
     + Date of birth
     + Gender
   * All input fields are required.
2. **Form Validation:**
   * Implement JavaScript validation to ensure that no input field is left empty.
   * If any field is empty when the form is submitted, display an error message similar to the form validation shown in the video.
   * You may also refer to this article which can help you in building the error and success messages of your form: [Master JavaScript Form Validation by Building a Form from Scratch (javascripttutorial.net)](https://www.javascripttutorial.net/javascript-dom/javascript-form-validation/)
3. **Adding New Table Row/s:**
   * Write JavaScript code to dynamically add a new row to a table when the form is submitted.
   * The form should reset to their original value after clicking the cancel button.
   * Each row in the table should display the user’s inputted information.
   * You may refer to this tutorial on how to dynamically add a table row: [HTML DOM Table insertRow() Method (w3schools.com)](https://www.w3schools.com/jsref/met_table_insertrow.asp)
4. **Website Design:**
   * Design your website following the principles of web design.
   * Your design should be visually appealing and user-friendly.
   * You don’t need to follow the design depicted in the images. Just create your own web design.

**Website Behavior Examples:**

The figures below demonstrate the behavior of the website.

A screenshot of a computer

Description automatically generated

*Initial look of the website*

A screenshot of a computer

Description automatically generated

*Table rows are added after clicking the submit button*

A screenshot of a computer

Description automatically generated

*Table rows are added after clicking the submit button*

A screenshot of a computer

Description automatically generated

*Form values return to their original state after clicking the cancel button*

**ADDITIONAL INSTRUCTIONS:**

* Be creative in accomplishing this activity!
* Please save all the files in one folder and name the folder as **LASTNAME\_ACTIVITY7**.
* Zip the folder and upload it in the Assignment card.
* For students using only the online platform, provide screenshots of the HTML code and the website. Save the screenshots in a PDF file, following the filename format: **LASTNAME\_ACTIVITY7.pdf**.
* Since this class is conducted online, I kindly urge the students to adhere to academic integrity. Please refrain from resorting to cheating because, at the end of the day, you are only cheating yourselves. Remember, the purpose of enrolling in this subject is to learn. Be honest and true to the learning process.