**VALIDATIONS FOR WEB FORM ELEMENTS**

**1. Text Only**

* **Description:** Ensures that the input contains only alphabetic characters.
* **Example Validation:**

<input type="text" data-sensval="TX" >

**2. Numbers Only**

* **Description:** Ensures that the input contains only numeric characters.
* **Example Validation:**

<input type="text" data-sensval="NM" >

**3. Email Address**

* **Description:** Validates that the input is in a valid email format.
* **Example Validation:**

<input type="email" data-sensval="EM" >

**4. Phone Number**

* **Description:** Ensures the input is a valid phone number, often in a specific format.
* **Example Validation:**

<input type="text" data-sensval="PN#10" >

**5. Mandatory (Required)**

* **Description:** Requires the user to fill out the field before submitting the form.
* **Example Validation:**
* <input type="text" data-sensval="MN" >

**6. Password**

* **Description:** Ensures the input meets security requirements, such as length, and may include uppercase letters, numbers, and special characters.
* **Example Validation:**
* <input type="password" data-sensval="PS#8" >

**8. Date**

* **Description:** Validates that the input is a date.
* **Example Validation:**
* <input type="date" data-sensval="DT" >

**9. URL**

* **Description:** Ensures the input is a valid URL.
* **Example Validation:**
* <input type="url" data-sensval="UL" >

**10. Minimum Length**

* **Description:** Ensures the input is at least a certain number of characters long.
* **Example Validation:**
* <input type="text" data-sensval="ML#2" >

**11. Maximum Length**

* **Description:** Limits the input to a maximum number of characters.
* **Example Validation:**
* <input type="text" data-sensval="MX#10" >

**12. Minimum Range (for Numbers)**

* **Description:** Ensures the input falls within a specific numerical range.
* **Example Validation:**
* <input type="number" data-sensval="MR#10" >

**13. Maximum Range (for Numbers)**

* **Description:** Ensures the input falls within a specific numerical range.
* **Example Validation:**
* <input type="number" data-sensval="XR#100" >

**14. File Type**

* **Description:** Restricts the types of files that can be uploaded.
* **Example Validation:**
* <input type="file" data-sensval="FT#jpg,png,txt" >

**15. Checkbox Required**

* **Description:** Requires at least one checkbox to be selected.
* **Example Validation:**
* <input type="checkbox" data-sensval="CR" >

**16. Select Option Required**

* **Description:** Ensures that a selection is made in a dropdown.
* **Example Validation:**

<select data-sensval="SO" >

<option value =”0”>Select an option</option>

<option value = “1”>Option 1</option>

<option value = “2”>Option 2</option>

</select>

**17. Custom Error Messages**

* **Description:** Display custom error messages for invalid inputs.
* **Example Validation:**
* <input type="text" data-sensval="CE" >

**18. IP Address**

* **Description:** Validates that the input is a valid IPv4 address.
* **Example Validation:**
* <input type="text" data-sensval="IP" >

**19. File Size**

* **Description:** Ensures that the uploaded file does not exceed a specified size limit.
* **Example Validation:** This usually requires custom JavaScript:
* <input type="file" data-sensval="FS#4" >

**20. Date of Birth (Must be in the Past)**

* **Description:** Validates that the selected date is before the current date.
* **Example Validation:**
* <input type="date" data-sensval="DB" >

**21. Alphanumeric Only**

* **Description:** Ensures the input contains only letters and numbers.
* **Example Validation:**
* <input type="text" data-sensval="AN" >

**22. No Special Characters**

* **Description:** Validates that the input does not contain special characters.
* **Example Validation:**
* <input type="text" data-sensval="NS" >;

**23. File Upload Limit (Number of Files)**

* **Description:** Restricts the number of files that can be uploaded at once.
* **Example Validation:**
* <input type="file" data-sensval="FL#4" >

**24. Non-Sequential Numbers**

* **Description:** Validates that the input does not contain sequential numbers (like 123456).
* **Example Validation:** Custom validation through JavaScript is typically required:
* <input type="text" data-sensval="SN#5" >

**25. Non-Repetitive Characters**

* **Description:** Ensures that the input does not have repetitive characters (like "aaa").
* **Example Validation:** This is also done using JavaScript:
* <input type="text" data-sensval="RC#4" >