**Validation library**

**Introduction:-**

The validation library is a powerful tool that you can use in your website in a handy and easy way. It’s java script library that help you to check on users’ inputs in forms like:

* Required: users must fill these fields.
* Types of inputs e.g.: string, numbers, and Boolean, regular expression ….etc.
* Regular expression: regular expression for email address.
* Display error message: display error message with style and with all invalid errors for users.
* Generic software: you can apply this JS library for any website that you develop in HTML.

Purpose:

Validation on users’ inputs in any website with these features:

* Required: users must fill these fields.
* Types of inputs e.g.: string, numbers, and Boolean, regular expression ….etc.
* Regular expression: regular expression for email address.
* Display error message: display error message with style and with all invalid errors for users.
* Generic software: you can apply this JS library for any website that you develop in HTML.
* Check minimum of words or characters.

Scope:

1. Write your HTML form.
2. Name your inputs in your form to deal with them in your code easily.
3. In anywhere of your html file write this code:

<div id="divallmsgs"></div> this div will be responsible to display all validation messages (summary).

1. For each control validation, you must add another div to display the message for individual control.

For example:

  <input type="text" class="form-control" id="mail" value="" placeholder="Enter mail"  data-itlec-isrequired=true data-itlec-divmsgname="mailMSG" data-itlec-requiredmsg="Please Enter E-Mail"   data-itlec-regexp="^[-a-z0-9~!$%^&\*\_=+}{\'?]+(\.[-a-z0-9~!$%^&\*\_=+}{\'?]+)\*@([a-z0-9\_][-a-z0-9\_]\*(\.[-a-z0-9\_]+)\*\.(aero|arpa|biz|com|coop|edu|gov|info|int|mil|museum|name|net|org|pro|travel|mobi|[a-z][a-z])|([0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}))(:[0-9]{1,5})?$" data-itlec-regexpmsg="Please enter valid E-mail."  /> <div id="mailMSG"></div>

1. In Button or any other control event fire this function "itlec\_validate\_form", Or you can fire the validation by fire the following function inside the onchange event in your control “ **itlec\_onchange\_validate('ControlName');”**
2. itlec\_validate\_form should be something like that

    function itlec\_validate\_form(button, args) {

    var isValid= true;

    isValid= itlec\_validate\_control('controlID') && isValid;

warningMessage('controlID');

if (!isValid) {

$('html,body').scrollTop(0);

  }

  return isValid;

}

1. Finally Java script library: https://github.com/ITLec/ITLec.JS.Validation/blob/master/ITLecValidationScript.js