**Web Applications Development. Laboratory 5 – Shopping List**
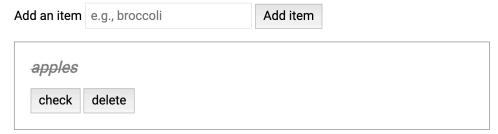
For this laboratory you will have to:

1. Download the index.html that has been provided in this laboratory in the google site.
2. Using jQuery add an event listener to the "Add Item" button. This event should pick up the value that the user types in the text input and it should generate a <li> element that you must add to the <ul> located in the index.html. The just created <li> element should have the name of the item and two buttons. Just as shown in the following image:



3. Using jQuery you will keep on adding event listeners for the "Check" and "Delete" buttons of the created items. These event listeners should work for all items that the user might want to add to the list.
   a. When clicking the "Check" button you will have to cross the text in the <li> of the clicked item. If the user clicks it again the crossed line must go away as if the item has not been checked. If the user keeps clicking the "Check" button the same functionality should be replicated. The following image represents how the text is crossed when the user clicks in the "Check" button.



You can use the CSS property : **text-decoration: line-through;** in order to replicate this functionality. You can also decide to follow any other technique that you may know that simulates the same or similar behavior.
   b. The "Delete" button will remove the current <li> element from the list when it is clicked.

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4. Feel free to add any CSS to this laboratory, be creative! You may also add classes or ids to the elements provided in the html.
5. Once you finish with the development you will have to add this laboratory to your github under a new repository. The link to this repository must be added as a comment or in the edit text box of a new page that you will have to create under your profile.

   **This lab must be delivered on Thursday October 3rd by 11:59PM. It is an individual exercise and it must be uploaded in your corresponding Student Profiles under a new Page named in the following way:**

**StudentID_Lab5**

**Example: AlfredoSalazar45_Lab5**

**In that Page you must add as a comment or in the edit text box the URL of the Github that contains this laboratory.**

**HINT:**

**In order to bind an event listener to an element that was not there at the beginning of the page load you will have to do an event delegation/propagation:**
https://learn.jquery.com/events/event-delegation/