**CS 6314 – Practice Work 3**

In this practice work, you will create below todo list by using HTML, CSS and Javascript.

Graphical user interface, application

Description automatically generated

**Requirements:**

When user clicks on “Add Item” button, it will add a new item (given in the textbox) to the list.

When user presses *enter* key on textbox, it will add the item to the list.

When user clicks on a todo item, it will strike through the item and show it as completed. When clicked again, it will remove strike-through and show regular text.

When user clicks on remove button, it will remove item from the list.

*Source for icons:*

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.8.1/font/bootstrap-icons.css">

**Solution Hint:**

1. Use createElement**,** createTextNode, appendChild to add new elements to DOM. (Chapter 9, slides 20-22)

2. Use classList.toggle() function to change between adding and removing a class for the element. (Chapter 9, slide 16).

You can use css property *text-decoration: line-through;* for strike-through feature.

3. Use classList.add() to add a class to an element.

4. Use event delegation for adding click events for *li* elements. Define the click event for parent element *ul* (Chapter 9, slides 36-39).

5. Use event.which to get the Unicode character code of the key that is pressed.

element.onkeypress = function(event){

if (event.which == 13){ //enter key

}

};

**Submission:**

Zip your html, css, and js files together (PW3-yournetid.zip) and submit through eLearning.

**Note:** If you are using external css and js, make sure you use relative path for file references.