

Web Development – Mr. Turner

Project – Grocery List

Project Overview

Everyone needs to go grocery shopping. And when you go grocery shopping, you need a list. wouldn't it be great if there was an online option? Of course it would! The company of Shop Lift Up, Inc. wants **you** to write and design their grocery list web based utility. Broke and in need of a job, you've accepted.

Display

The list below includes the essential elements of the page.

- Shop Lift Up, Inc. requires that their logo be on the page. Their last logo was banned by Federal Trade Commission so you'll have to find one for them (you may download something or design one yourself).
- The page needs the list of all of the groceries the user plans to buy.
- The page needs a way for the user to add new groceries to the list.
- The page needs a way for the user to organize the list by moving groceries up and down.
 - Create a text box into which the user can enter a number. The number will represent one of the items on the list. An up and a down arrow will move the item up and down on the list.
- The page needs a button or icon so that an item can be deleted from the list.
- The page should be intuitive and attractive.

Functionality

The entire page is based on being able to add, remove, and move items on the list. Every item on the list should be numbered.

When the user adds an item to the list, it should appear at the end of the list.

When moving items up and down the list, the user should enter the number of the item into the text box. Clicking the arrows will move the item up or down appropriately.

Whenever the user moves an item, the number in the box needs to change. *If I have 1: milk, 2: bread, and 3: juice and I choose to move the juice up, then the juice will now be item number 2. If I want to continue to move the juice up, I should only have to click the button. I shouldn't have to enter the new number 2.*

The delete button/icon will also use the textbox to determine which item to remove from the list.

Enhancements

- No Duplicates
 - If you try to add an item to the list that's already there, it shouldn't allow it.
- Quantities
 - Create a utility that allows the user to change the number of a specific item that they want to get.
 - This can use the textbox and the arrows. You can simply add a toggle which goes from moving an item to changing the quantity.
 - An item that has a quantity higher than one should read:
 - Item Name (qty)
 - on the list.