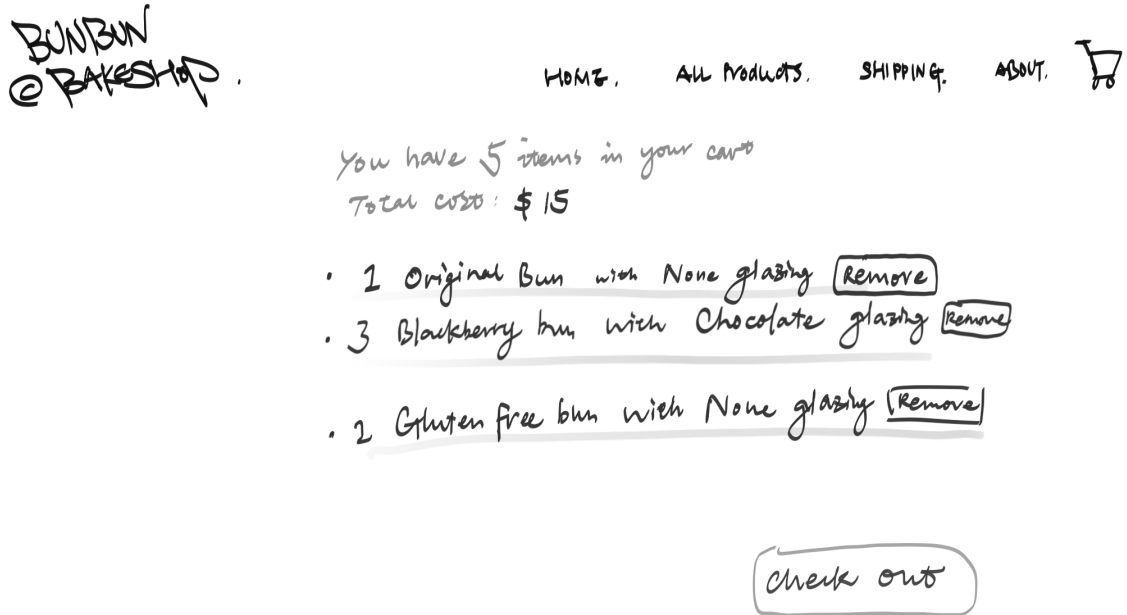


Assignment 6

Zach Peng | Andrew ID: zeqianp | Section C

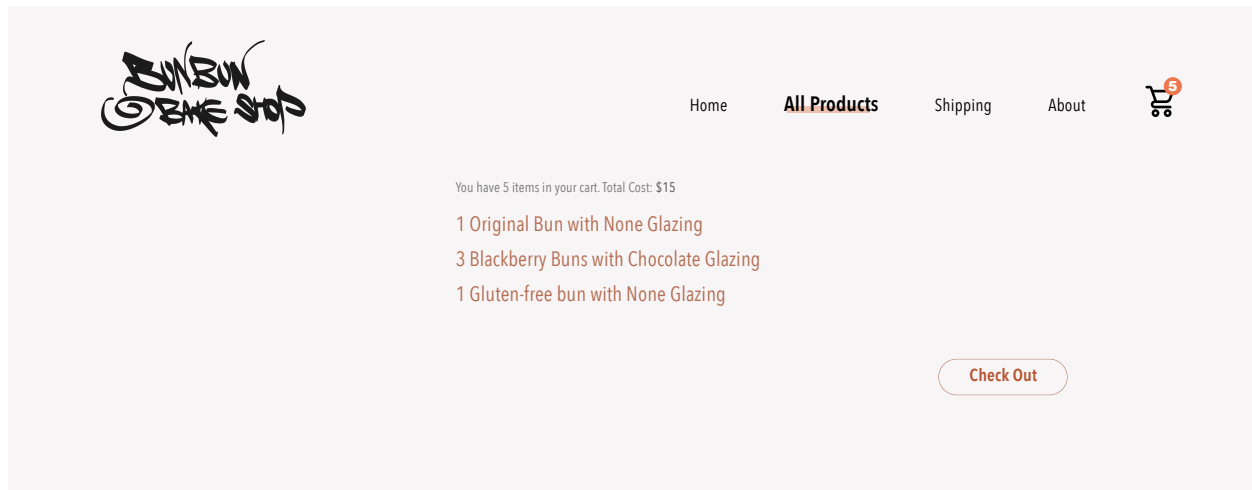
1. Prototype

a. Lo-fi prototype



I created a new page instead of a small pop-up window for the shopping cart in order to make it clear to the user since having bigger space makes it easier to display more information.

b. Hi-fi Prototype



2. Reflection

a. What challenges or bugs did you encounter?

The hardest part for me is to connect all the html elements I had written before with the functions that I learned from tutorials. Also formatting the appearance of html and css within JavaScript can also be tricky which I am aware that I have not yet mastered.

A bug that I encountered is the first time when the page is opened, I cannot add any item to the shopping cart because the cart array is null.

b. How did you overcome these challenges?

To figure out the relationships of the elements and also to make myself clear about what class and id are used by which to better connect them with JavaScript, I drew a tree structure and to figure out the way for my JavaScript code to utilize each element.

For the I encountered, I used "If" to set the array as [] when the array is null to solve the problem.

Tutorial Source:

"Javascript Shopping Cart Tutorial – Youtube." *YouTube*. N. p., 2018. Web. 27 Oct. 2018.

