PUI Assignment 6B
Reflection
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11.8.20

The biggest challenge that I have encountered through this javascript assignment was enabling the interaction on the product detail screen that matches with the intentions of the users' action. I especially thought the action component included more functionality and logical aspects compared to my experience on creating the prototype through HTML & CSS.

The first challenge that I encountered was applying the proper id value to the corresponding value that I want to make changes in product detail html. At the first initiation I separated the usage of function value for the image and the value for the glazing option. However, this choice led me to the usability bug since I did not apply the logic of how changing the glazing option leads to the change of the image value that corresponds to that shift. In order to make the product photo to change as the user selects the different types of glazing I added the **two document.getElementById** values inside the function **chooseglazing()**, which are **document.getElementById("glaze").value** and **document.getElementById("product-img").** In order to generate the shifting value, I have used the if statement and else if statement. At first, I used all if statements in the function but through the office hours session, I was able to recognize that else if statements make the overall functionality to become simple and more concise.

The second biggest challenge was distinguishing the usage of **double equal sign(==) and triple equal sign(===).** For signing the if statement, I initially used if (glazeSelect == "None). Through the office hours session, TA helped me to understand the difference between double equal sign and the triple equal sign, which was quite a confusing difference for me at the first glance. Even both represent the comparison equality value, double equals is an equality operator while triple equals is a strict equality operator that compares the both value and type of the operands in the left and the right. The third challenge that I have in this assignment is enabling the assigned value, "btn-add-to-cart." I wanted to add the counting function that reads the action of the user clicking the "add to cart" button. To enable this function, I assigned the **function(e)** value that counts the number of addtoCartBtn.onclick. Through using function(e) value, and adding the numOrder, I was able to track the number of the button on click that counted the numerical values, which is right next to the cart icon. Overall, I think the javascript process leads to more logic and should be clear when assigning the proper values to lead to the corresponding action in HTML & CSS files.