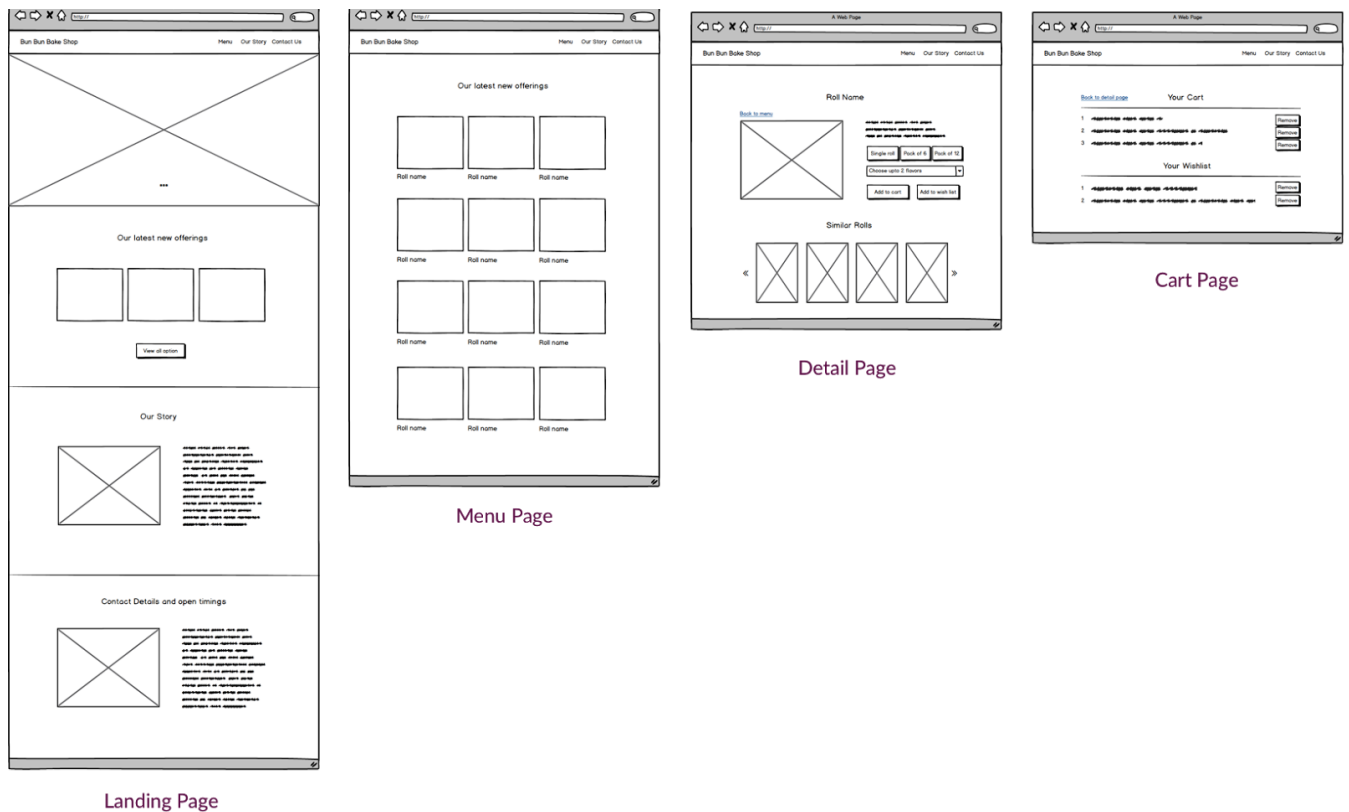## Assignment description

Highlights of the assignment

1. User can select between three different categories of quanitity
2. Pack of 6 and Pack of 12 allows user to choose additional flavours upto two options
3. Selection of a new quantity updates the price, description and image.
4. Used can choose to add item to cart or wishlist
5. On successfully adding it to the cart, a successful message and the number of items in the cart in shown.
6. User can view other similar items in the carousel
7. The carousel can automatically slide as well as respond to user's interaction on clicking previous and next buttons
8. The cart page has a number list of all the items added to the cart and the wishlist
9. User can choose to delete any item from the list.

Low Fidelity Prototype

Landing Page

Menu Page

Detail Page

Cart Page

In order to allow users select multiple quantities and flavours, my detail page included 3tabs and a drop down apart from the Add to Cart button. There is also a Add to wishlist option for the user. A carousel has been added in the bottom to show similar items.

High Fidelity Prototype
Invision link: https://invis.io/WRE2Q1I37#/259684627_Artboard

Reflection
Among the many challenges I faced while making this website, the most critical challenges dealt with data stored in the local storage. The first challenge was when items were getting added to the cart list and reflected on the cart page but on returning to the detail page, the data was getting lost. This was because a new array was getting initialized when detail page is loaded. I overcame this challenge by using if statement.
 if(data==null){initialise new array and store the items selected}
Else{ initialise new array and pull the data in the storage. Push new data to this array}

The second challenge had to do with removal of child node. While DOM was getting updated, the local storage was not getting affected, thus on refreshing the deleted items would show up. For this I used splice function to delete from the local storage array.

Improvement based on peer review
There were two major feedback on the previous design which have been incorporated in this design. The cost of the item, which is a crucial piece of information was getting lost in the earlier layout. The back to menu item was also positioned at a place, users felt that it violated their mental model and they expected it to be somewhere else. Keeping these in mind, the new design addresses them.

Original Cinnamon roll

Cost	$10. Free Shipping
Description	Freshly baked delicious Cinnamon roll made with the finest cinnamons imported from Brazil in a traditional 20 year old recipe.
Ingredients	Love. Cinnamon. Sugar. Dough

Add to Cart

Back to menu

Original Cinnamon roll

Back to menu

Cost	$10. Free Shipping
Description	Freshly baked delicious Cinnamon roll made with the finest cinnamons imported from Brazil in a traditional 20 year old recipe.
Ingredients	Love, Cinnamon, Sugar, Dough
Quantity	Single 6-pack 12-pack
Flavors	Select upto two other flavours

Add to Cart   Save to Wishlist

Top: Previous; Bottom: Updated