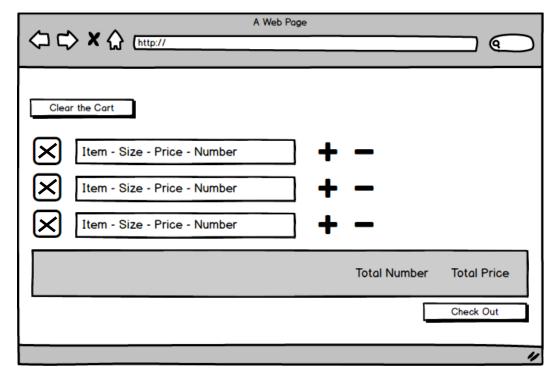


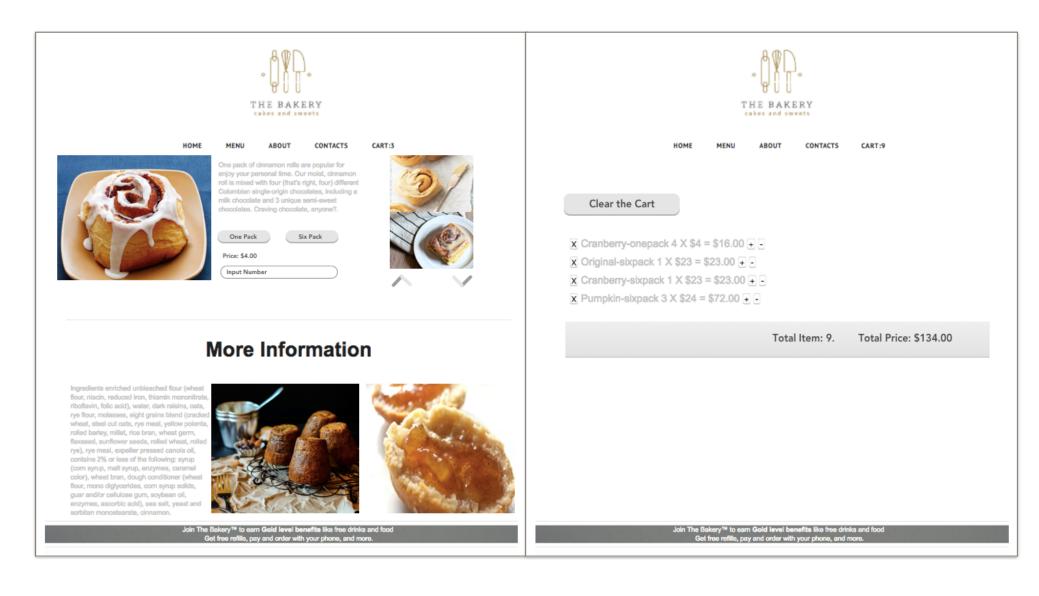
Based on the formal product details page, I make mainly four changes listed below:

- 1. Two buttons for users to choose one pack or six pack of the products.
- 2. An input area for users to input the number they want.
- 3. A carousel which can show more recommendation.
- 4. On the navigation bar, add a new button called "Cart"



In addition, I made a new shopping cart page. In this page, users can:

- 1. See all the items they chose before
- 2. Add the number of each item
- 3. Delete the number of each item
- 4. Delete the item
- 5. See total number of all the items
- 6. See total price of all the items
- 7. Clear the cart and delete all the items



This is the high-fidelity mock-up of the product details page and shopping cart. I put the "up" and "down" button of the carousel together under the carousel pictures so the top of the picture can go in line with the other parts.

Reflection:

1. The biggest challenges:

At first I tried to code for each product to send different attributes like: product name, price, one pack or six, etc, because I have no idea what else I can do to send the specific information to local storage. However, I realized that it would cost a lot of time and since I have twelve products, it would be so complicated for me to code for every attributes for every products. Later, I remember to use function to simplify the problem, which is taught in the lab. I made all the items to a same function:

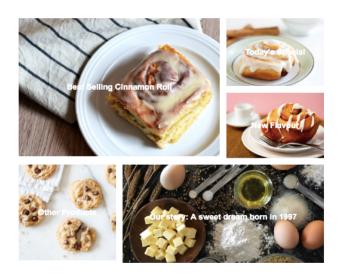
```
MXY_shoppingCart.Item=function (name,number,size,price) {
this.name=name;
this.number=number;
this.size=size;
this.price=price;
}:
```

In addition I firstly write down all the basic functions which may be reused in every product details pages, like "add an item to the cart", "delete an item to the cart", "save the cart to local storage", etc. For instance, when writing a function to add an item to the cart, I also use my "saveCart" function, which will be easier compared to write down all the codes to save the cart to local storage.

```
//add an item to cart
   MXY_shoppingCart.addItemToCart=function(name, number, size, price){
   for (var i in this.cart){
      if(this.cart[i].name === name){
            this.cart[i].number += number;
            this.saveCart();
            return;
            }
      var item = new this.Item (name,number,size,price);
      this.cart.push (item);
      this.saveCart();
}
```

- 2. My changes based on the feedback.
 - 1) Feedback: There is something wrong with the navigation bar because it always shows that you're in the homepage. My solution: I found out that I made homepage "active" as default. I modified this mistake in the CSS file.
 - 2) Feedback: Some parts of the pictures are not alight with others.

My solution: I made a grid to cut the page into three part and put all the pictures into the grid (some take 2/3 of the page and some take 1/3). Therefore all the pictures can be in line.



3) Feedback: There are Lorem Ipsum on the product details pages.

My solution: I re-made all the product details pages and gave true information here.