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## Batch B Group 2

### Experiment 6

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# Grocery Cart

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## OVERVIEW

A simple **JavaScript** application which lets user to view all products available which in this case is the grocery list and gives them options to add that item to cart or view the details of that particular item. Finally the user is even provided the option to checkout.

## GOALS

1. In the cart section of the website, when you click on a given cart button, a JavaScript alert should pop up, letting you know that your item was added.
2. Added items will appear in the cart section in the top right-hand corner of the website.
3. The total amount of the added items will show in the running total.

## SPECIFICATIONS

The project deals with handling checkouts and orders from the items present in the cart. The user is also given an ADD PRODUCT button so that he can also add new products in the grocery list.

The project is heavily based on Advanced JavaScript and jQuery involving various even handlers and IIFE functions. Data is stored locally.

## MILESTONES

### Add Product

We have written a function that add a new product whenever user clicks that button and the details are stored accordingly in the local storage. The details are filled through a function which passes the price quantity and discount arguments and since we do not accept any image so we have kept a default image.

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## Add to cart

This function adds the current product to cart catalog and uses various animations and alerts displaying that the product was successfully added to cart.

## Details

This function uses a Modal class wherein we display the Item name, Price , discount and Image of the particular product. User can view the details of all products before adding them to cart. Even the new product which gets added has an option to view details.

## Cart

This function displays the items present in the cart with their image, discount, price and quantity. We have used **AJAX** to toggle and change the quantity and accordingly the total price and discount on it gets calculated and updated.

The **Modal** has option to Checkout which takes to new alert displaying the transaction details.

## Checkout

This function displays the details of the products purchased with total bill and total discount and savings. This pop up confirms that the bill is produced and payment done successfully.

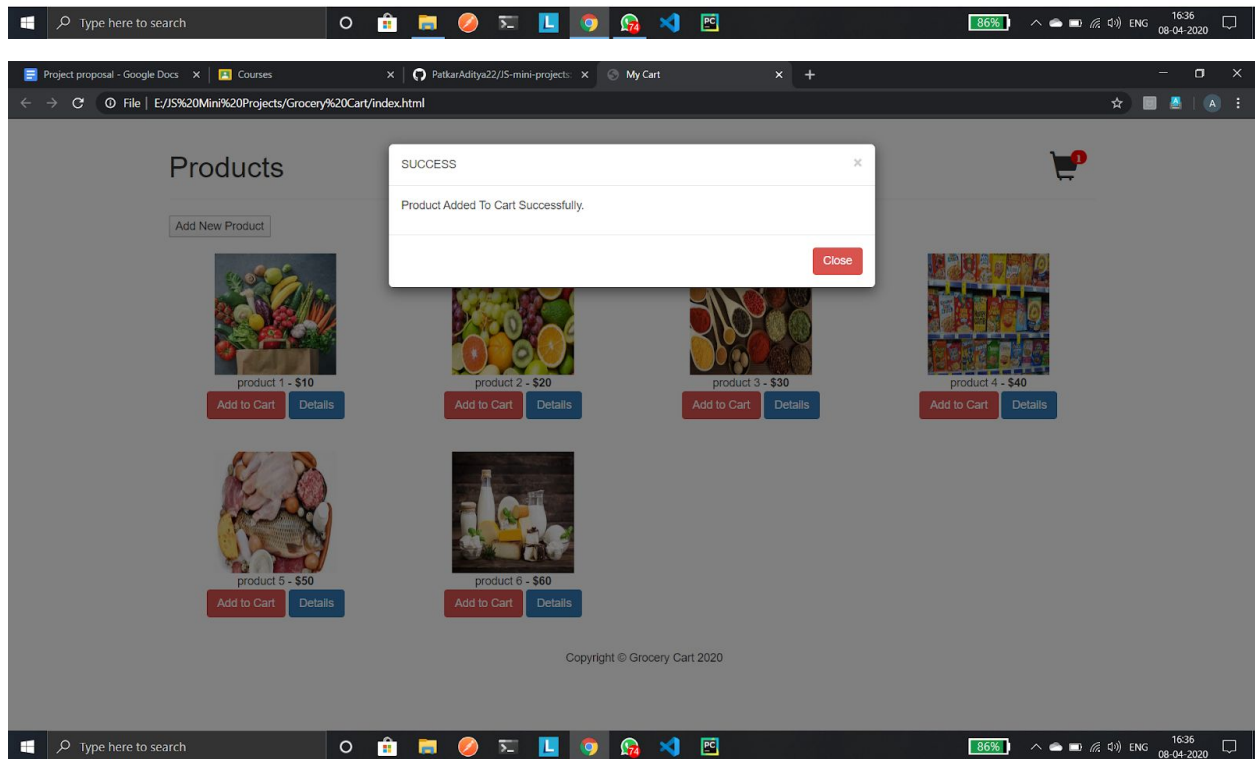
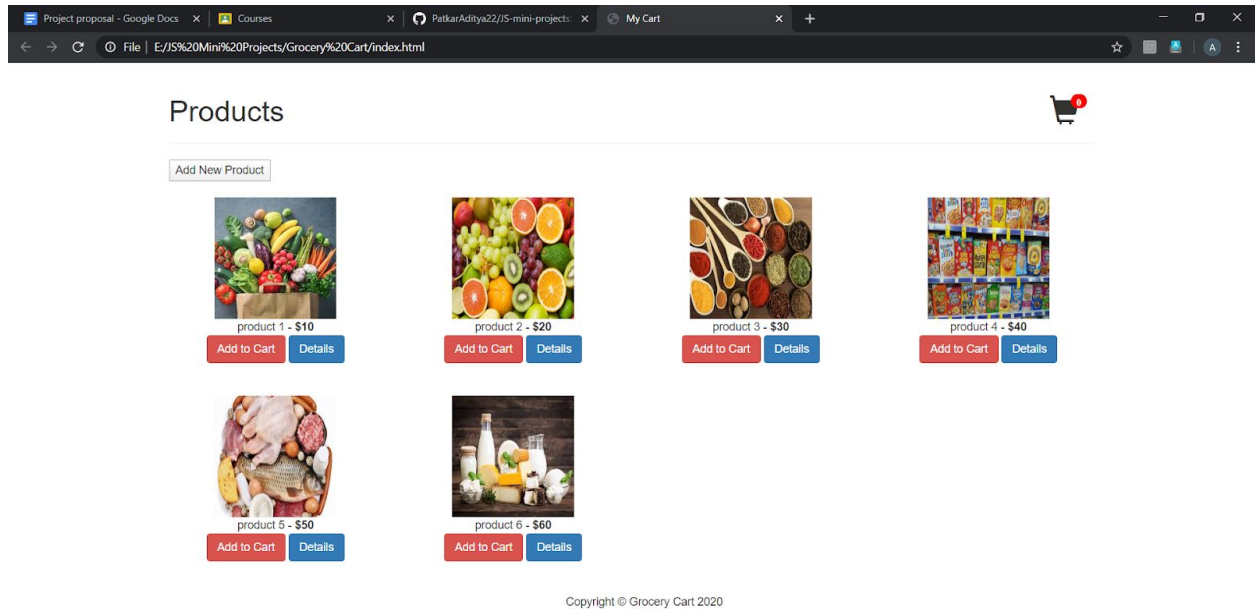
Finally the cart is cleared and is made empty.

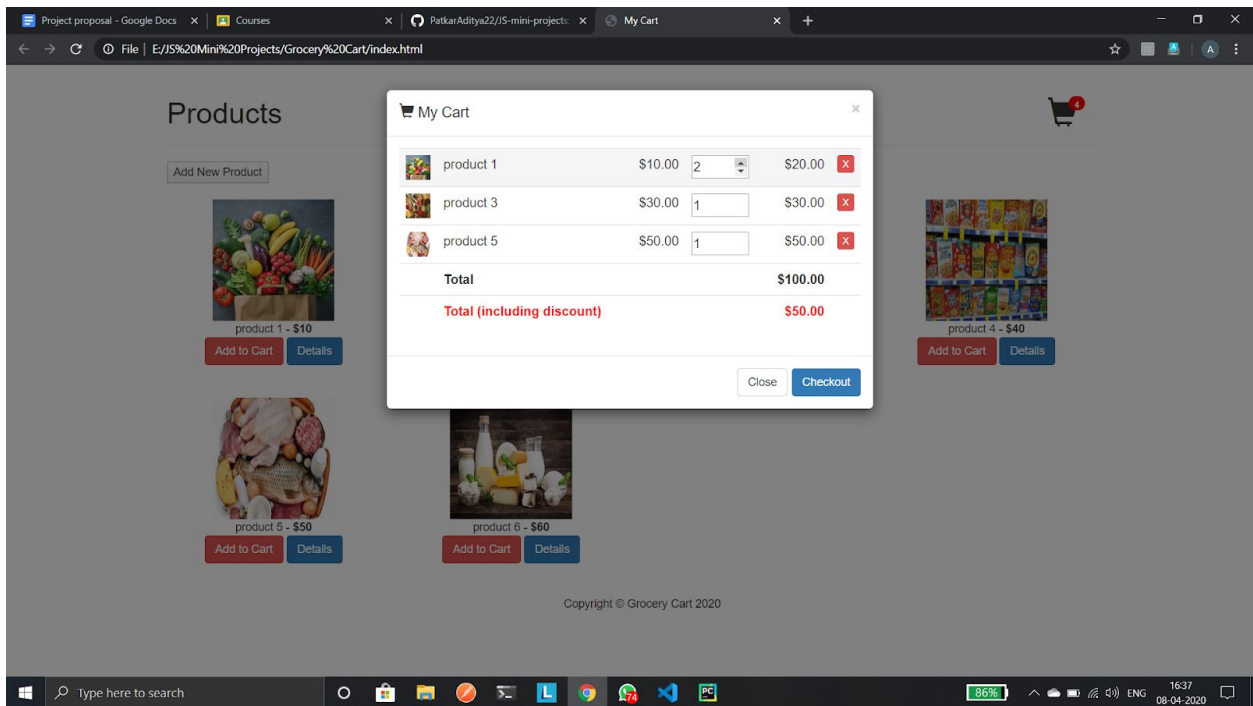
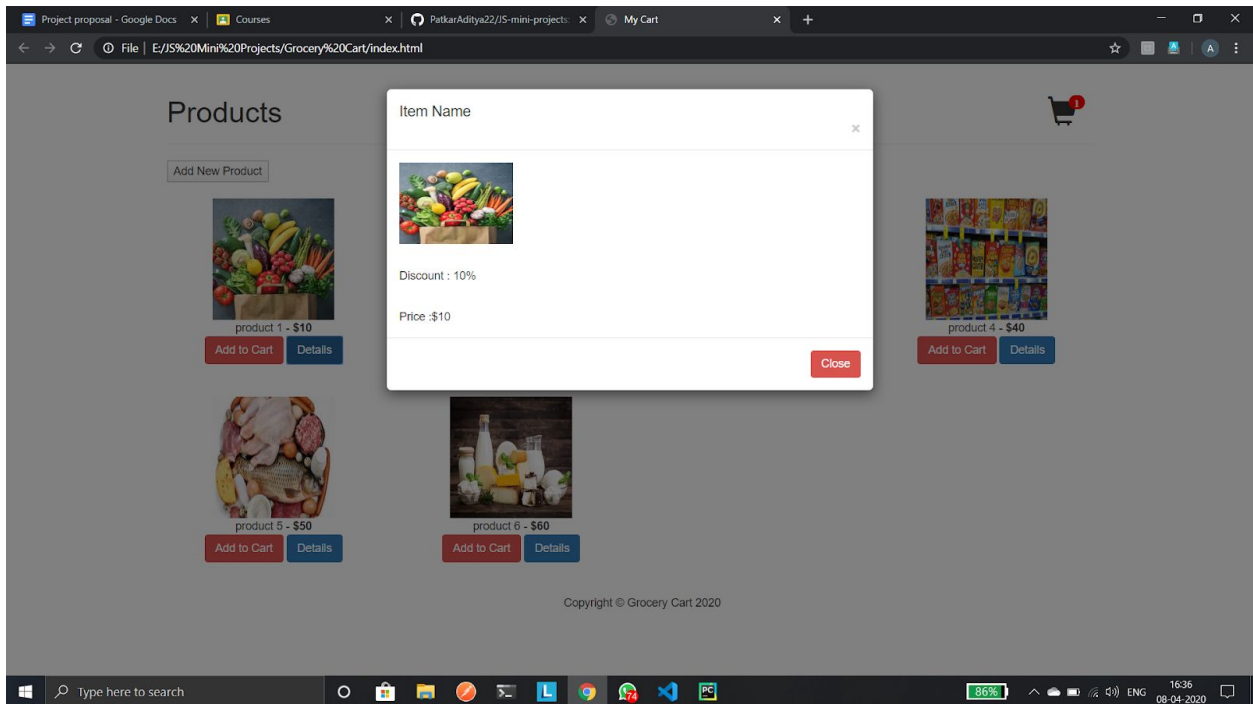
## Project link :

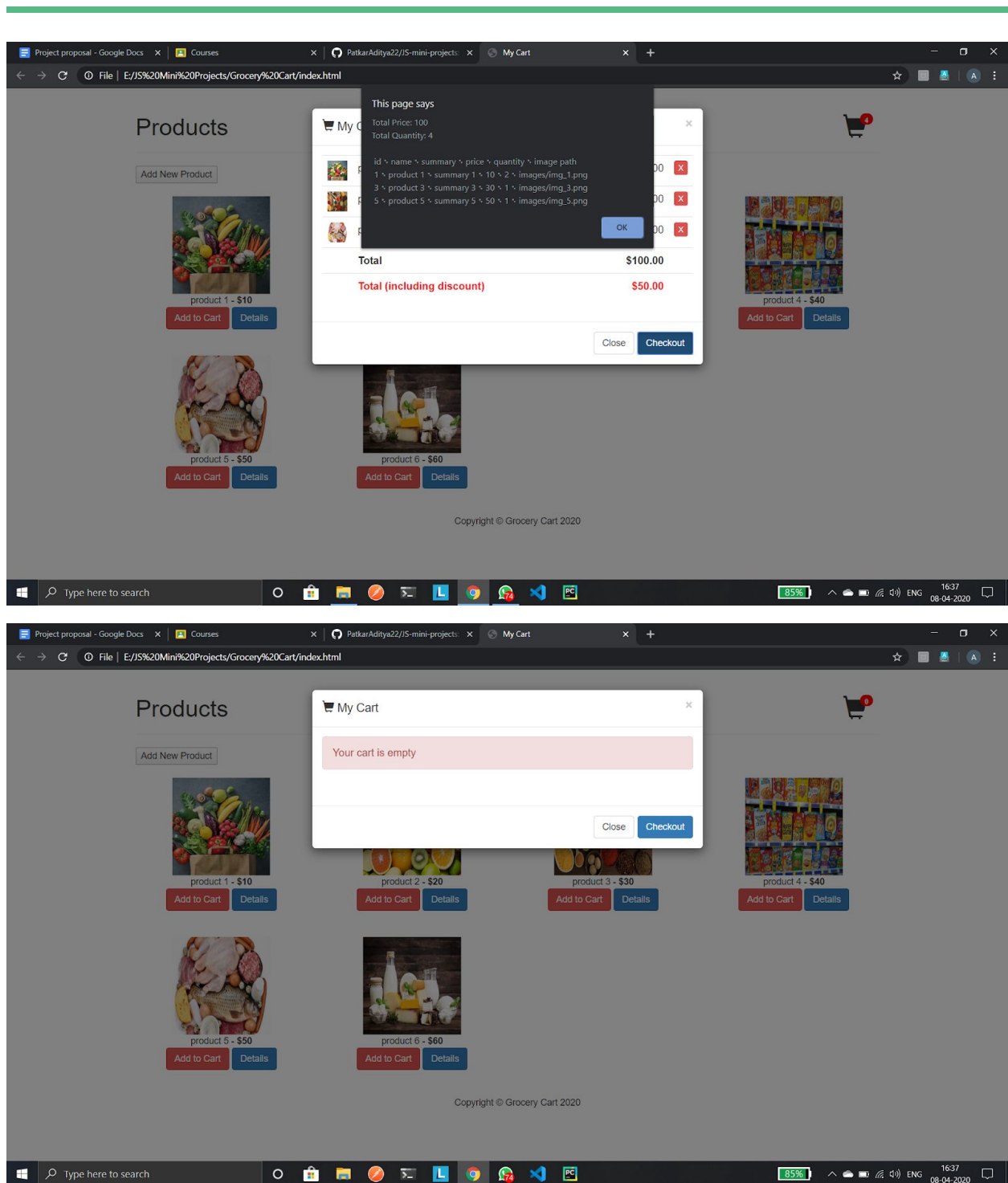
The project code and DEMO VIDEO is present in the link given below and in the **Grocery Cart** folder.

<https://github.com/PatkarAditya22/JS-mini-projects>

## Screenshots :







## Conclusion :

Thus we learned various JavaScript concepts and performed the experiment successfully.