Web Design - Report

- Bite & Roll Fast Food Restaurant-

Introduction:

I have created a website that is 5 pages long and contains a home page where you are given the option to either go to the other pages. I created an About us page which talks about what we sell promotions that will occur and the history of the company in general. I created a locations page which contains all the locations and links to the locations through buttons. We made it possible for the customer to see the items and add it to a cart and see his total when he goes to the next page. I also created a page which shows all the products total and taking in Card Details(obviously it doesn't work as we aren't allowed)

Languages used:
CSS ,HTML and Javascript

IMPORTANT: I created more css files and javascript files for convenience so that it won't be difficult where certain code comes from

Home.html:
I created a nav bar which gives the user the possibility to swap between pages. I used flex to layer out the company

name, image and the button and I did this because when we zoom in the image all components will go under each other and will not overflow. We also included a cool feature using css and javascript that will redirect you to the top of the page as we have an event listener and when it is pressed it will window locate to the top of the page.

About.html:
This webpage has the same navbar as home. I created a few information rectangles that contain information about the company using flex as flex is quick good with screen sizes in general and wont overflow and aligned everything quite well for the viewer

Locations.html:
This page is quite explicit as it shows the other locations. We changed it a bit and used CSS grid to display the cool cards i made so basically i created a column which has a few rows and in each row we create a pane in which we use CSS grid aswell to make it possible to display the image which is the first row and then the text which is the second row and then third row has the button

Order.html:
This page is basically the menu in the shop. I changed the design as well and colour as it will entice the customer and persuade them to buy something. I once again use css grid on the page and we created 3 rows and 3 columns which has the cards which the menu items then we use css grid again to create the panes inside the css grid and basically

its 3 rows and just 1 column and we use it to create each pane and this i found really greate as there is no overflowing when going on different screens and when you zoom out or in it does not modify it much. Inside the button section in the panes we created 2 buttons one called info basically when pressed it will use an event listener it will toggle to the screen a small page with info of all products. We also created a button which adds to the cart this was a little bit more complicated but an overview of how it works. Basically when pressed there is an event listener that is listening to all buttons pressed when pressed it calls a cartnumbers which increments the amount in a cart we have a localstorage variable which stores the amount of items in the cart and in the top right we have a cart symbol with the amount in the car and with the help of javascript it will increment the amount in the cart everytime the button is pressed. We have a localstorage variable each time an item is added which shows all the contents of the items as we have an object array with all items and each time we press and item that object array is used and put into the localstorage variable and eventually and the quantity of each product is taken into consideration in the object array so each time we "add to cart" then it adds to the quantity. Also we have a localStorage variable for adding up the total it is a function inside of javascript so basically every time you add to cart it will sum up the total of all items

Cart.html:
This part will basically display the shopping cart and the items that took a while to finish but it was worth it so basically we used a lot of javascript to accomplish this. So basically the main idea is we get the local storage variable called productsInCart which knows the productsInCart but we get total and the quantity and price using the object array and then we map all these onto the screen using css so that the user can see. We created a form which will take information that is it I considered there wasn't a huge point of storing the information as we are not doing nothing with it

Main Parts of the Program:

I already mentioned them above but i will simplify it here

Created a Menu which has two buttons the add to cart and information about items in general: Used javascript so that when the info button is pressed it will trigger an event listener which basically will toggle and display a pane with text on it it is fixed so it stays in a certain position . The Add to Cart would talk a long time to explain but in other words once you press that button an event listener which is listening to see if you added to the cart and if you did it will then increment the amount in the basket which will be stored in a localstorage variable then it will be added to a local variable that basically has the knows the "productsInCart" and we also have the amount it costs in total which is stored in a localstorage too and display to the user by mapping css to the page but in order to do that we

must have an object array which the products and each time we are using the information from that object array and displaying to the screen with css(it's more complicated but that is an overview of how it works)

Scroll up to the top button -> I created a scrolling up to the top of the page button in the bottom right in home page which will redirect you to the top of the page when you press on it (there is an event listener listening and when it is pressed then a function is initiated and sets the "window" to the top of the page

Created a Cart in the top right of the order class which will display the total amount of stuff in your cart at the moment and when pressed brings you to the total page

I did many nice things which are all described above

Images:

Home Screen Burger:
https://unsplash.com/photos/I7A_pHLcQK8

Monster Burger:
https://unsplash.com/photos/jh5XyK4Rr3Y

Redemption Burger:

https://www.istockphoto.com/photo/cheeseburger-with-tomato-and-lettuce-on-wooden-board-gm1309352410-399098986

Chicken Nuggets:
https://unsplash.com/photos/CLMpC9UhyTo

Sprite:
https://unsplash.com/photos/oUUBhKsQtFo

Fanta:
https://unsplash.com/photos/aKYu-H5pHJY

Coke:
https://unsplash.com/photos/jIWoIsNTKjA

Cheese Burger:
https://unsplash.com/photos/sc5sTPMrVfk

French fries:
https://unsplash.com/photos/ChXHveqrb28

Veggie Burrito:
https://unsplash.com/photos/p-O37cSAV_4

Beef Burrito:

https://unsplash.com/photos/IeRvmAzNXFs

Onion Rings:

https://unsplash.com/photos/4FO9vox0T7M

Chicken Burrito:

https://unsplash.com/photos/50KffXbjIOg

Location 2:

https://unsplash.com/photos/P48JzJc-GhQ

Location 1:

https://unsplash.com/photos/8QPbbIaDwaU

Location 3:

https://unsplash.com/photos/gI1s9iAgAB4

Chef:

https://www.istockphoto.com/photo/smiling-male-cook-on-gray-background-gm1300835557-393037196

Logo i created myself