Final Project - Angel Pizza

I chose to make a simple pizza ordering web application for my final project. I think it offers a simple ordering menu by which the user can interact with. The user has the ability to add pizza and remove pizza from their order. There is a function that can filter the pizza via type or by name.

Java Script Integration

I will now describe a function that is implemented in the menu section the filterPizza Function:

```javascript
function filterPizzas(category) {
if (category === "All") {
        displayPizzas(pizzas);
        return;
}

const filtered = [];
for (let i = 0; i < pizzas.length; i++) {
        if (pizzas[i].category === category) {
        filtered.push(pizzas[i]);
}

displayPizzas(filtered);
}
```

This function is responsible for filtering pizza by category like meat, veggie, and cheese. This function works by grabbing the data of pizza and figuring out what category that pizza is. So if the first element of pizzas which is an array is meat and the category the user chose is meat then it will be pushed into a new array called filtered. Once the for loop is complete the new filtered list is thrown into the displayPizzas list which just displays the filtered category.

I think this function shows how useful java script can be as it will dynamically add to what the user wants. In this case it is to allow the user to narrow their choice of their preferred category of pizza which helps with user quality of life.

Challenges

The majority of the challenge for me was making sure the names that I used between html, css, and js were consistent and correct. It is important to understand what you're actually manipulating in js and how it translates to html. Constantly updating your html with live server is a way to overcome this challenge as it shows you a direct change in your javascript.

Future Implementation

The primary feature I would like to add is the ability to customize a pizza from the ground up. It would be a form that would dynamically change the price and type of pizza that they would build.