Pablo Martinez

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Group Project 3 – Storefront in JS

**Description**

The assignment was to build upon the storefront we built with html and CSS using JavaScript.

Functionality needed to be added to the searchbar, the filters, the cart, the checkout page, and the footer of the website. Only JS could be used to implement these features.

**Approach / What we did**

We chose to create a website named RoboStore to sell robotics equipment, including microcontrollers, tools, sensors, and motors. We also added a settings page where a user could change various account and profile settings.

We divided the work by having each team member be responsible for their own pages. During the CSS stage of the project, the color scheme was already decided upon, so the only consistent CSS element between pages had to be the navbar and the fonts. Apart from that, team members were free to use CSS as they pleased.

For the JS phase of the project, different functionalities were assigned to each group member. These functionalities included the searchbar, filters, login, cart, and checkout pages.

//Ethan fill in here about your part.

For the cart, local storage was used to store the items that the user selects, and then they were displayed in the cart, and then the checkout page. Three .js files were created for the products, the cart and the checkout page. In the cart, the price updates as the user changes the quantities, and items can be removed from it.

**Issues and Resolutions**

During the JS phase of the project, there were many more difficulties than the other phases.

//Ethan fill in here with info abt what you did

Just getting the cart to work took hours, and due to lack of experience of JS caused problems. Getting the total price in the cart to change when the products were modified was a challenge to get working correctly. Also, when adding a product to the cart, working with local storage was a challenge, as the data had to be stored in a complicated way, and inserting and extracting information was tough. Also it was a challenge to display the products correctly.

**Screenshots**

*Home page*

*Product Page*

*Category Page*

*Settings Page*

*Login page*

*Cart page (Zoomed out to 80%)*

*Checkout page*

*About us*

*FAQ*