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Group Project 2 – Storefront in HTML

**Description**

The assignment was to create a storefront in pure HTML only. Requirements included navigation between all pages, a home page, product pages, and intermediate pages. Files needed to be organized under the var/www/html directory, and images and product pages needed to be in their own directories. In addition, we had to present our webpage in class.

**Approach / What we did**

We chose to create a website named RoboStore to sell robotics equipment, including microcontrollers, tools, sensors, and motors. We used a consistent navbar across every website, the HTML for which we stored in navbar.html. The navbar was a 100% width table with a yellow background, an h1 with our site’s title on it, navigation icons, and category shortcuts. We also added a settings page where a user could change various account and profile settings.

**Issues and Resolutions**

One of the earliest issues occurred as we were designing our navbar. The images were too pixelated, causing them to look bad on many displays. We solved this by replacing them with scalable vector graphics files so that they would scale to any size without any loss in quality.

Another issue had to do with the organization of the content on the index and category pages. This required quite a lot of trial-and-error in order to find the right table organization, but eventually we were able to find a solution that looked okay to us.

**Screenshots**

**Graphical user interface, website

Description automatically generated**

*Home page*

*Diagram

Description automatically generated*

*Product Page*

*A picture containing diagram

Description automatically generated*

*Category Page*

*Graphical user interface, text, application

Description automatically generated*

*Settings Page*

*Graphical user interface, website

Description automatically generated*

*Login page*

*Graphical user interface, text

Description automatically generated*

*Cart page (Zoomed out to 80%)*

*Graphical user interface

Description automatically generated*

*Checkout page*

*Graphical user interface, text

Description automatically generated*

*About us*

*Text

Description automatically generated with medium confidence*

*FAQ*