Project progress report 5

Purpose:

The main purpose of this project is to find the best price of the product that the user wants to buy along with the website reference where that item is available. It is an overhead and is a very difficult task to compare the price of the same item on different websites to get the best and lowest price. Also, it is not always possible to locate a website with the lowest price of the product.

Overview:

One Click compares the price of the same product or item on the different websites and gives the lowest price of that product. This project reduces the overhead of the user and saves time.

The project frontend will be developed through Angular JavaScript and for Backend we are planning to use Node JavaScript for handling multiple user requests.

Functionalities I Worked:

Web Scraping from different websites

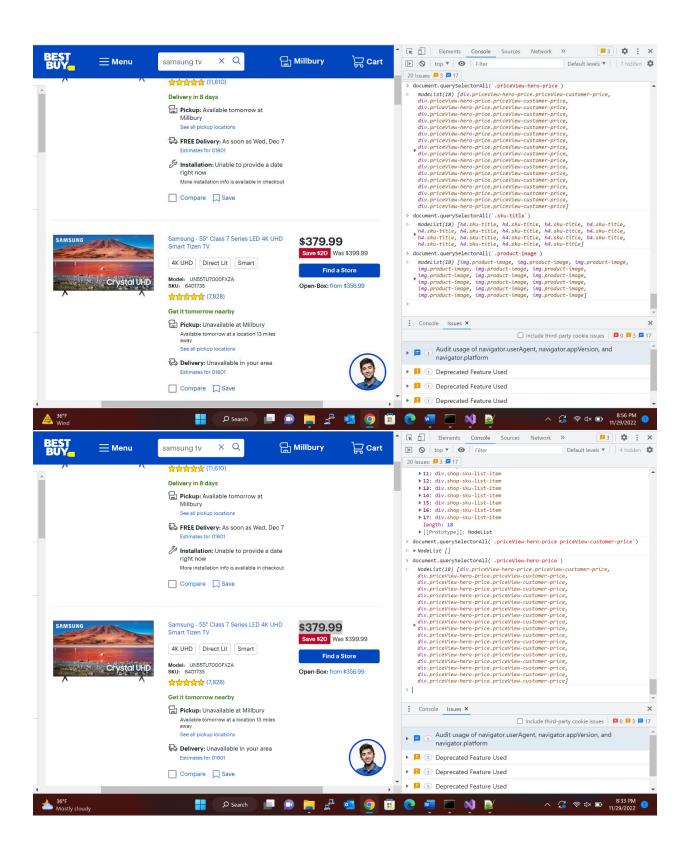
I started working on capturing product specific data from Walmart and Target websites. In JavaScript for BestBuy the query selector captures different product information and stores it in the array.

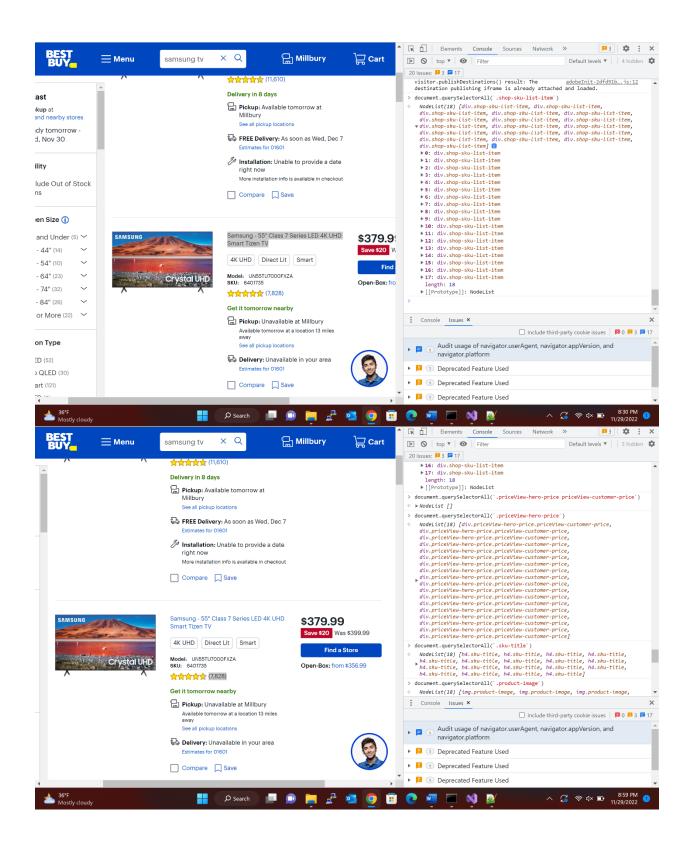
I searched the classes specific to the title, price, rating, image, href etc. with the help of inspect option in BestBuy.

Here, is the code snippet

```
var titleNodeList = document.querySelectorAll(`.shop-sku-list-item`);
var priceNodeList = document.querySelectorAll(`.priceView-hero-price`);
var promoNodeList = document.querySelectorAll(`.c-ratings-reviews`);
var imgNodeList = document.querySelectorAll(`.product-image`);
var hrefNodeList = document.querySelectorAll(`.sku-title`);
```

These querySelectors when I tried to use in console with the inspect option, they are fetching the data as we can see in the below screen shots, I am getting the result with the classes as nodes and the details also.





But, on our website we are not able to see the products from BestBuy. I am still working on the javascript to find out this issue.