Project progress report 3

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:

Frontend Integration

I worked on the integration testing for our project where we fetch the data from Amazon in backend and display it in the front end. Last week I developed the OnlineComponent.html and filter.js where data could be manipulated. This week I performed the integration testing after which we were successfully able to see the data from amazon on our website.

I also worked on other components of Frontend like setting up the Environment, Services, Model etc. This basically sets up the environment and enables the front end to be up and running.

For angular.json

You must define the schema, the project name, project type, the output path, index, main, style, scripts etc. to set up the front end. For example:

```
"styles": [
  "./node_modules/@angular/material/prebuilt-themes/deeppurple-amber.css",
  "node_modules/@clr/icons/clr-icons.min.css",
  "node_modules/@clr/ui/clr-ui.min.css",
  "node_modules/ngx-toastr/toastr.css",
  "src/styles.css"
```

```
        ],
```

And few of the variables are set as :

```
        "optimization": true,
        "outputHashing": "all",
        "sourceMap": false,
        "extractCss": true,
        "namedChunks": false,
        "extractLicenses": true,
        "vendorChunk": false,
        "buildOptimizer": true,
```

Currently I am also working on an idea to display the details of the product from other small retail stores like Hannaford or any other store where if the user wants then it can check the details of the product in that specific store. The HTML component is complete and integrated with the main code. The web scraping part is yet to be done and I am still working on it.