# MINI PROJECT-I (2020-21)

**E-commerce: Curated Shopping cart** 

# **MID-TERM REPORT**



# **Institute of Engineering & Technology**

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## **ABSTRACT**

The main purpose of this project is to create an Online product selling Website that allows users to buy item based on price, quantity and its authenticity. The selected items are displayed in an attractive format and the buyer can simply buy those items white sitting at home. The Administrator will have additional functionalities when compared to the common user. Another objective of this project is to promote local manufacturers; small businessman can contact us to get their products on display so as to get them on the mainstream online market.

This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using an android device. Thus the customer will get the service of online shopping and home delivery from his favorite shop. This system can be implemented to any shop in the locality or to multinational branded shops having retail outlet chains. If shops are providing an online portal where their customers can enjoy easy shopping from anywhere, the shops won't be losing any more customers to the trending online shops such as flipcart or ebay. Since the application is available in the Smartphone it is easily accessible and always available.

## INTRODUCTION

## 1.1 General Introduction to the topic:

In today's fast-changing business environment, we have proposed a curated E-Commerce shopping cart that revolves around party supplies, available all at one place, all year long at a click and entitled it as 'Confetti Cart'. In order to develop it, a number of technologies have been studied and understood. These include prominent front end and back end technologies. This is a project with the objective to develop a basic website where a consumer is provided with a shopping cart application and also to know about the technologies used to develop such an application that provides instant access to diverse party related products or services.

A good shopping cart design must be accompanied with user-friendly shopping cart application logic. It should be convenient for the customer to view the contents of their cart and to be able to remove or add items to their cart. The shopping cart application described in this project fulfills all the above requirements and provides a number of features that are designed to make the customer more comfortable.

## 1.2 About front-end technology:

The front end stack is made up of many different languages and libraries. While these vary from application to application, there are only a few generic languages understood by all web browsers. These three main front-end coding languages are HTML, CSS and JavaScript.

Together, they create the underlying scaffolding that web browsers use to render the web pages that we interact with every day. All other libraries and front-end engineering are built upon these three main languages, which makes them must-have skills for any front-end developer.

In fact, you can think of a webpage like a house. The initial UX design is the blueprint. HTML is the basic structure of the house. The CSS is the paint, fixtures, and other aesthetic decisions that make the house look attractive. And finally, JavaScript is the inner workings of the house (lights, heating, water) that we, the owner or renter, use and enjoy.

## 1.3 Languages Used:

#### 1. **HTML**:

HTML stands for Hyper Text Mark-up Language. It is used to design web pages using mark-up language. HTML is the combination of Hypertext and Mark-up language. Hypertext defines the link between the web pages. Mark-up language is used to define the text document within tag which defines the structure of web pages.

#### 2. **CSS**:

Cascading Style Sheets, fondly referred to as CSS, is a simply designed language intended to simplify the process of making web pages presentable. CSS allows you to apply styles to web pages. More importantly, CSS enables you to do this independent of the HTML that makes up each web page.

#### 3. **Bootstrap** 4:

Bootstrap is a free and open-source tool collection for creating responsive websites and web applications. It is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites. It solves many problems which we had once, one of which is the cross-browser compatibility issue.

## 4. JavaScript:

JavaScript is a lightweight, interpreted programming language. It is designed for creating network-centric applications. It is complimentary to and integrated with Java. JavaScript is very easy to implement because it is integrated with HTML. It is open and crossplatform. JavaScript is the most popular programming language in the world and that makes it a programmer's great choice. Once you learnt JavaScript, it helps you developing great frontend as well as back-end software using different JavaScript based frameworks like jQuery, Node.JS etc.

# 1.4. Software Specification:

• Technology Implemented : Front-end, Back-end Technology

• Tools Used : Html, css, javascript, Bootstrap, NodeJs

• Database : mongodb

• User Interface Design : Visual Studio(Version 1.48)

# **Hardware Requirements:**

• Processor : intel i3

• Operating System : Windows 10

• RAM : 8GB

• Hardware Devices : Computer System

• Hard disk : 1 TB

# 2. Problem Statement

Many-a-times, we have seen that people want to buy products but due to some reasons cannot go physically to the shops to buy them. And since this is a pandemic going on so people really prefer to have the stuff delivered rather than going to the shop. Similarly, the small businesses are having problem in sales due to this pandemic. So, this E-Shopping website will act as a bridge between the stuck at home public and their urge to shop as well as a helping hand towards the local businesses to expand their reach to the online platforms as well.

## 3.OBJECTIVE

It's extremely important to be able to respond to client needs in the most effective and timely manner whenever the customer have a yen to see our business online and ought to have instant access to our products. Hence, the objective of this project intends to ensure customer satisfaction during the harsh circumstances and to make sure that they do not lack in any aspect on their indelible vivid day.

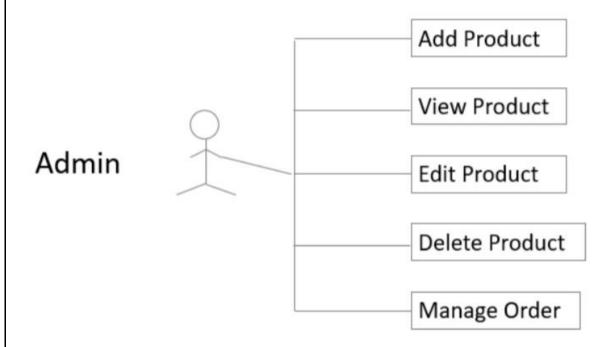
The *Confetti Cart* also eliminates the time wasted by the customers on surfing, as it takes a lot of time to switch between various shopping sites to get all the party supplies that they desire. Hence, it provides everything encircling parties at one stop.

# 4. PROGRESS-

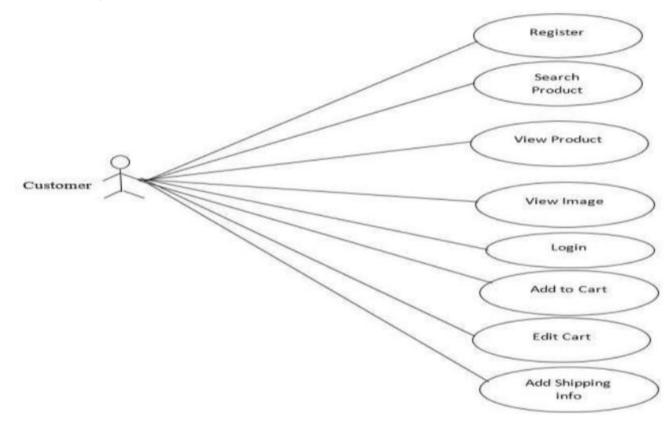
- Created the Html structure of the webpage.
- Created the following templates regarding e-shopping website-
  - **❖** Template for Home Page
  - ❖ Template for About us section
  - ❖ Template for Contact section
- Designed using CSS
- Added additional features like slider images bar.
- Made the website Responsive
- Working on add to cart section.

# **5. SOFTWARE DESIGN WITH USE CASE DIAGRAM**

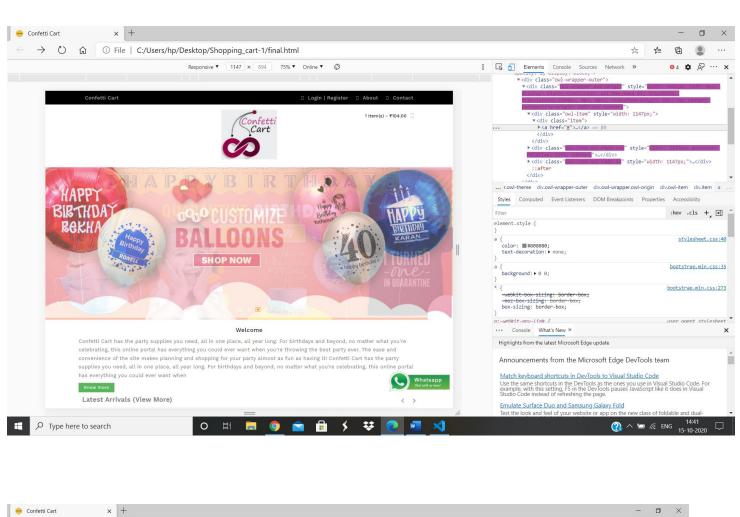
Use case diagram for admin-

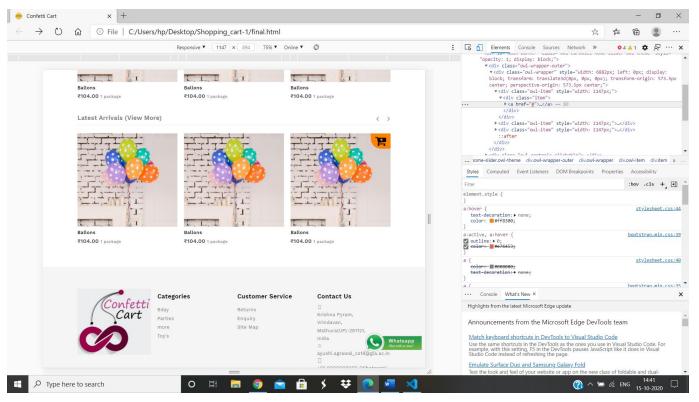


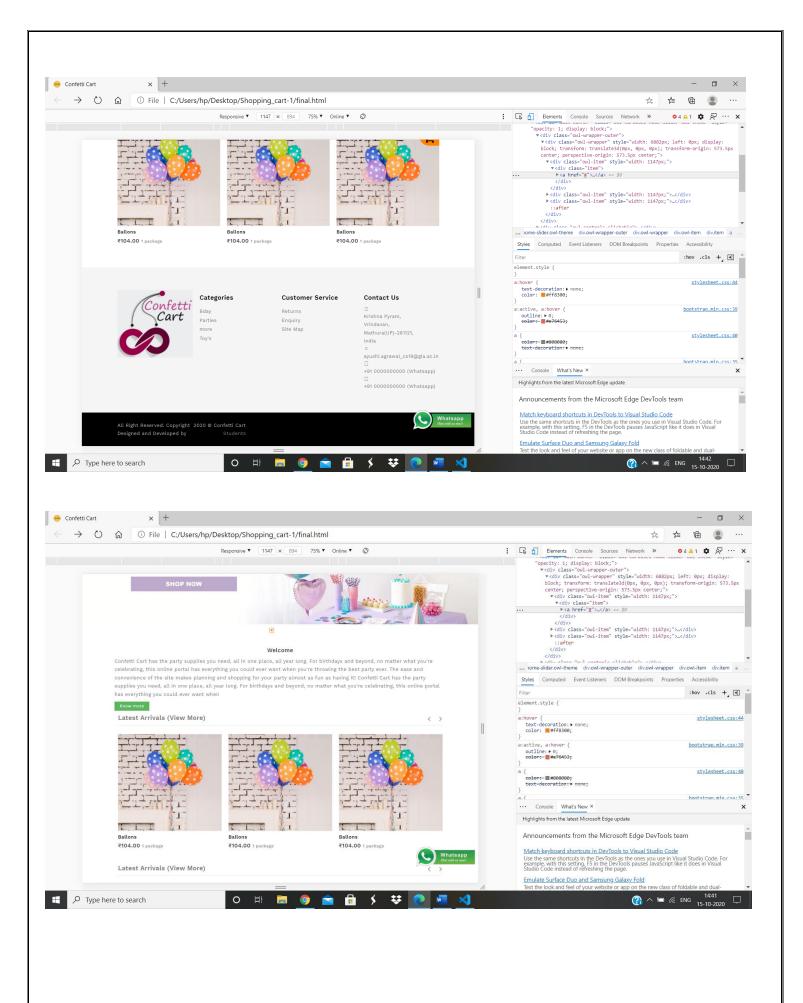
Use case diagram for customer-

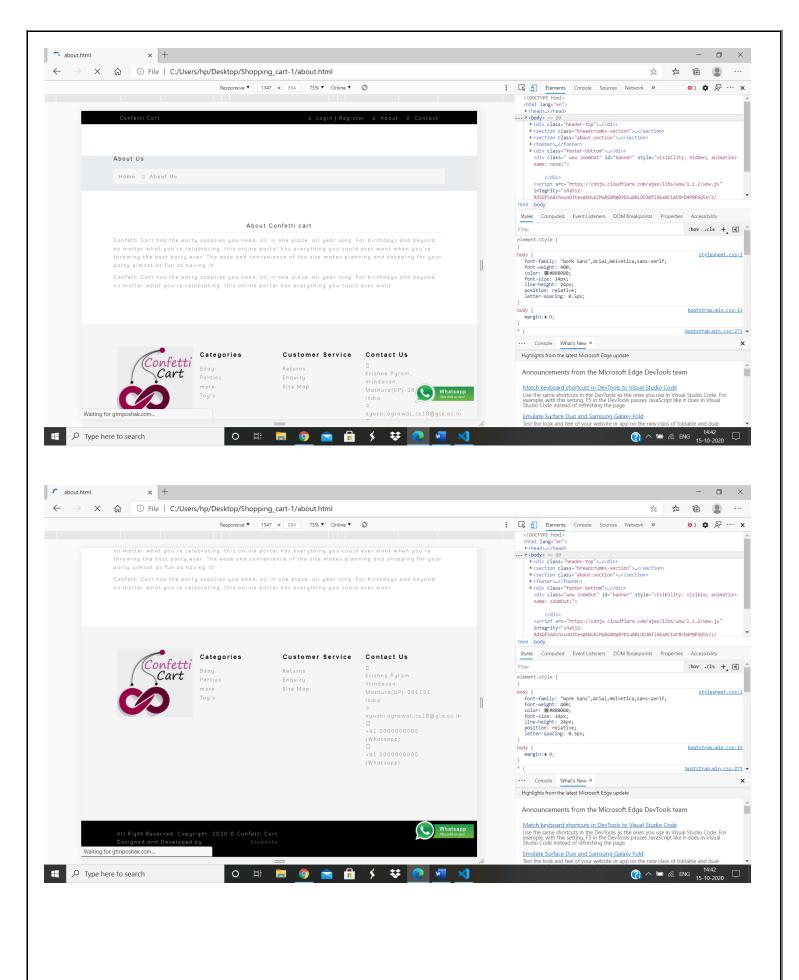


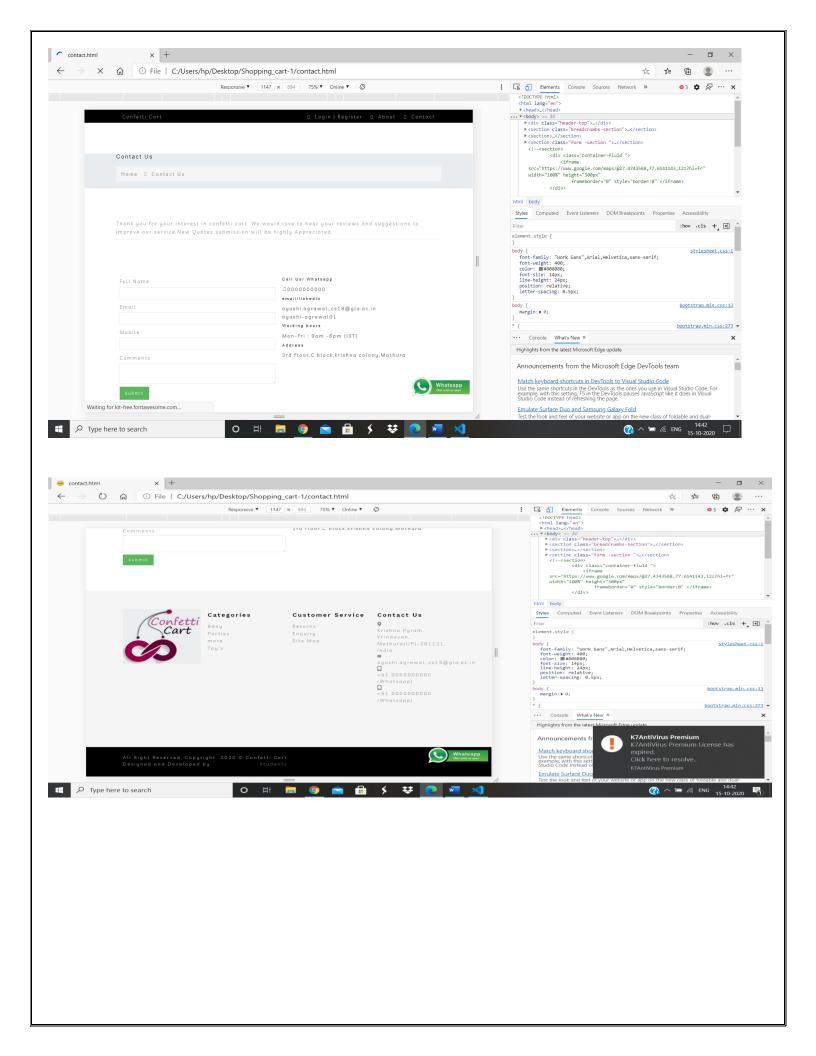
## **6. SOME SCREENSHOTS**

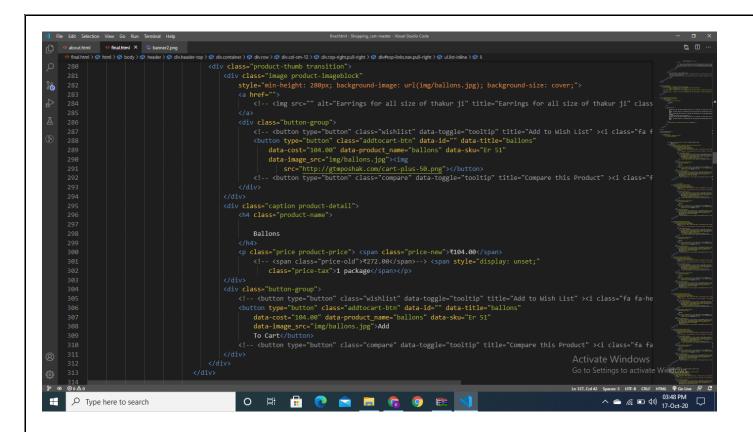


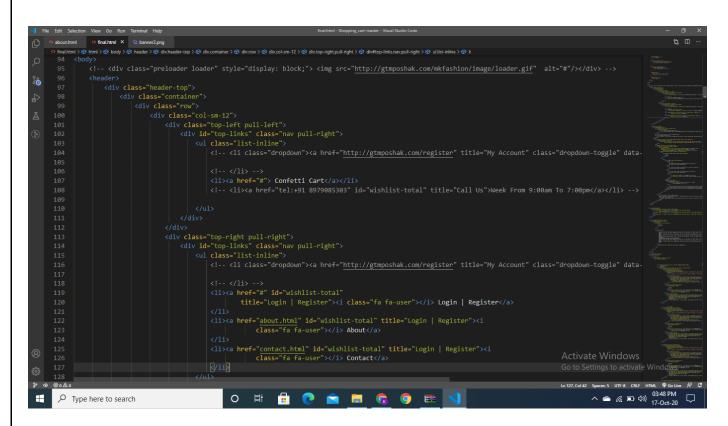


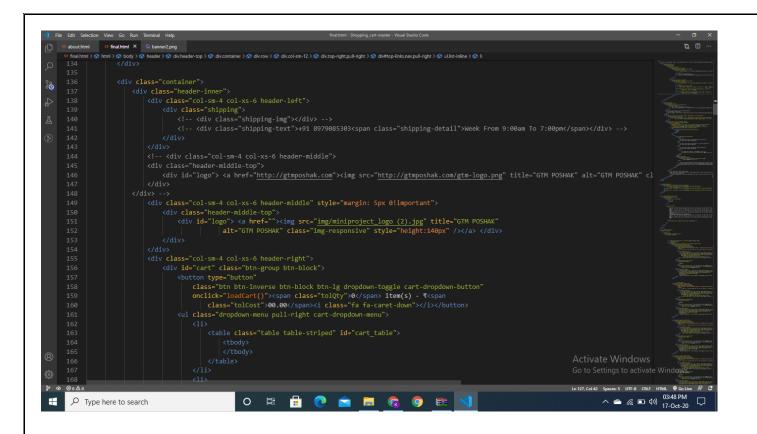


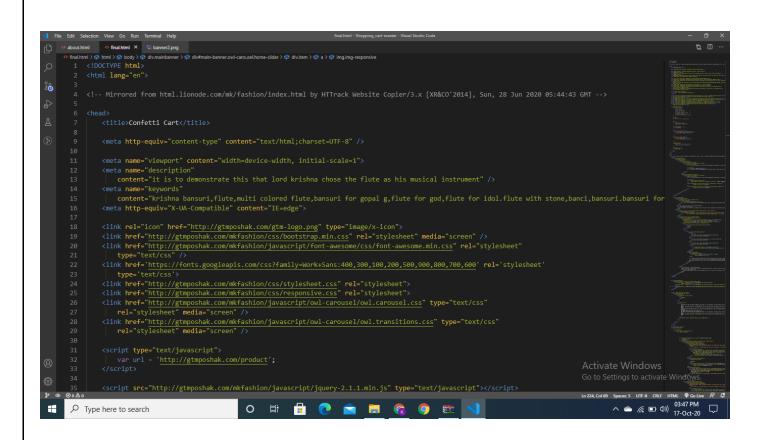


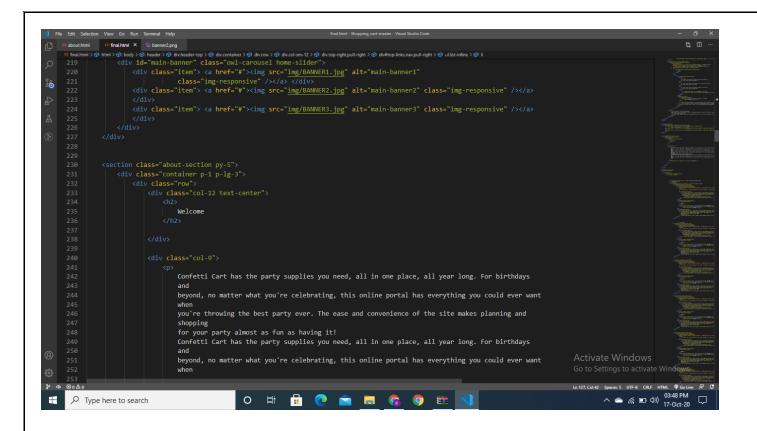


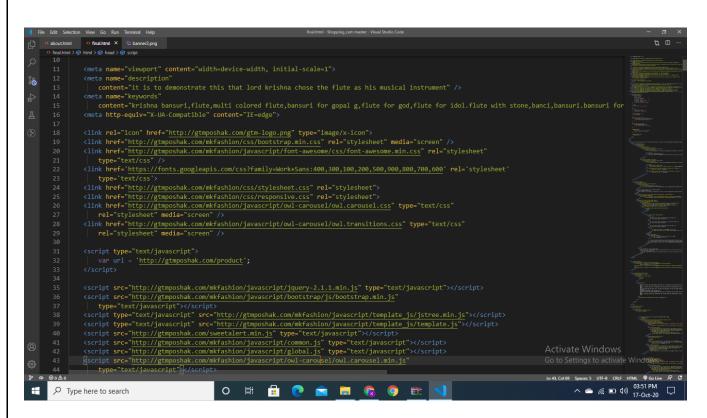




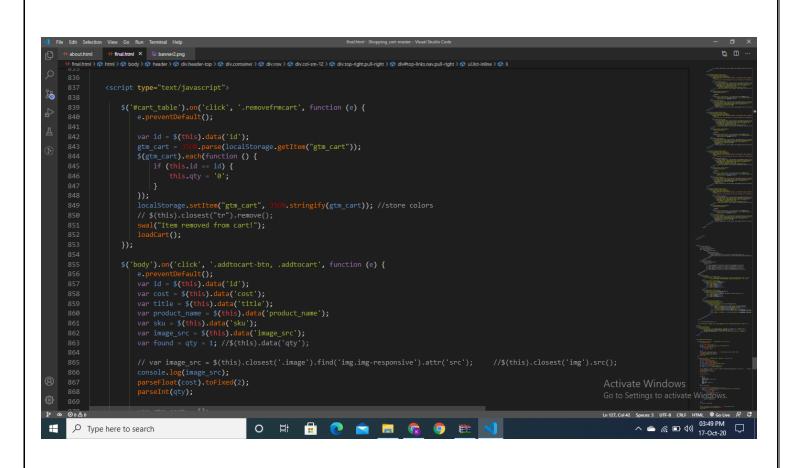


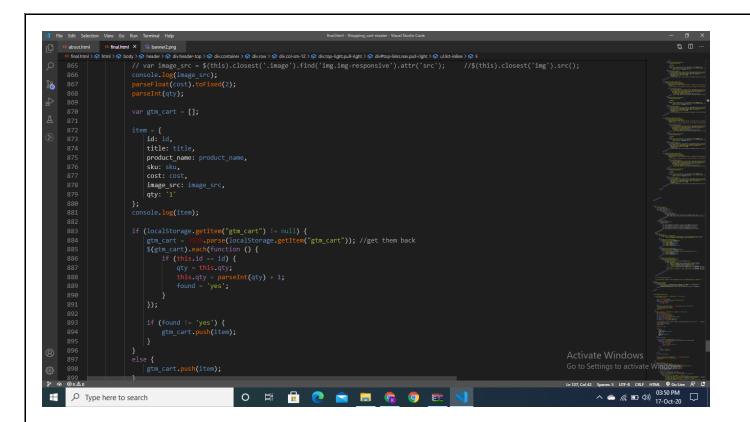






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7. REFERENCES
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