

E-Commerce Website for Local Goods

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Abstract: *E-commerce is becoming more and more common as a result of how simple it is to use and how effective it is for trading. Although young people are attempting to order the majority of their daily essentials online, this has undoubtedly not yet had an impact on the sales of everyday goods. Many store owners are intimidated by all the technological ideals and technical terminologies even if they want to enter the online market. Companies want to promote themselves online without requiring a lot of technological expertise. A platform for business owners to advertise their goods and services to typical consumers is the suggested answer. This solution functions as a recommendation system by acting as a middleman between store owners and customers. We are trying to bridge this gap where consumers are more technology-oriented and shopkeepers lie at another end of the spectrum. The consumers, on the other hand, get to choose which shops to visit or get their product delivered from. This would reduce the monopoly caused by the e-commerce giants like Amazon, and Flipkart in the market. Also, the consumer enjoys instant knowledge about the availability of the product.*

Keywords: E-commerce, Recommendation system, Online Shopping App, Local Vendors, Business to Business(B2B).

I. INTRODUCTION

It is very typical to establish a small-scale business with fewer resources to provide quality services. Nowadays people are attracted to online business. Let us assume there is any online business where customers can order their needs and the goods will reach them at the expected delivery time. The customers of today are not only attracted because placing an order online is very convenient but also because they have visibility into the items offered.

Our solution provides an ordering process for the shops and customers and the employees of the shops. The Items list and categories of the local products are available in the database so that a customer can place an order for multiple items. Once the order is placed, our system processes the order and delivers it to the customer at the expected delivery time. At the end of the order, the customer will know about the amount and how much he had to pay for the order. Once the order is delivered the customer can provide feedback through this system.

The technology is an easy-to-use online product ordering system for customers. It overcomes the disadvantages of traditional queuing systems. Our system is a convenient way to order local products from local stores. The procedure of taking a customer's order is made easier with this technology. Customers may place orders fast utilizing the online local product ordering system, which generates an online menu for food and different patterns for clothes etc. Users can also rate the product quality and delivery service using this system's feedback feature.

II. LITERATURE SURVEY

2.1: NeedZApp (A Local Vendors App) [6]

Local vendors are an integral part of urban economies around the world, offering easy access to a wide range of goods and services in public spaces. Even though local vendors are considered informal, they are vital contributors to urban economies. The internet plays an important role in our daily lives and we use the internet every day for almost every single activity. e-commerce in India began to gain popularity as internet users and smartphone sales gained prominence.

2.2: Vocal for Local [7]

Many individuals have been inspired to establish their small businesses as a result of the current covid-19 pandemic, however, upscaling is challenging for small company owners owing to a lack of connection and client reach. In

addition, the pandemic has hit many established local businesses hard financially. there is a demand for a dedicated platform that allows customers to interact with growing small businesses and start-ups while also allowing company owners to exhibit their products and network. businesses that are fresh to the market confront challenges in showcasing their products and gaining client exposure. As a result, we developed a web application that links small businesses with larger audiences and helps them grow.

2.3: Smart Local Shopping System [8]

With ever increasing need for buying commodities, it has become very essential that the delivery speed is up to the mark. more and more products are sold via e-commerce because the ease of access and efficiency of the internet has made trading very popular. youth are trying to order most of their daily necessities online, but surely till now, this has not affected the sales of day-to-day commodities. These shopkeepers, who are willing to enter the online arena are overwhelmed by all the technological ideologies and technical nomenclatures. They want to market themselves online with very little technical knowledge involved in the process. The proposed solution is a platform for shopkeepers to market their commodities and services to the average consumer. This solution is a middleware between shopkeepers and consumers which acts as a recommendation system. We are trying to bridge this gap where consumers are more technology-oriented and shopkeepers lie at another end of the spectrum. In turn, the shopkeeper can also benefit by getting a data feed about the most searched commodity in their vicinity. the consumers, on the other hand, get to choose which shops to visit or get their product delivered from. This would reduce the monopoly caused by the e-commerce giants like Amazon, and Flipkart in the market. also, the consumer enjoys instant knowledge about the availability of the product

III. SYSTEM DESIGN

To overcome the limitations of the above systems, we propose a local goods delivery system to order products from a surrounding radius [3].

A platform with a highly responsive and easy-to-navigate design for e-commerce which can be brought forward to improve multiple aspects of e-commerce for businesses and customers making their life easier. The proposed system can be revolutionised into an application which would improve the convenience for end users and businesses to operate.

Admin Module

- Add delete businesses
- Make advancements and changes on the system
- Maintaining records
- Add and update inventory
- Update business details
- Confirms orders
- Get the order ready for dispatch and share tracking details
- Manages deliveries and orders

Customer Module

- Create, manage and delete their account
- Search for products
- Place an order
- Initiate payment and complete it
- Receive confirmation and tracking details
- Receive the order

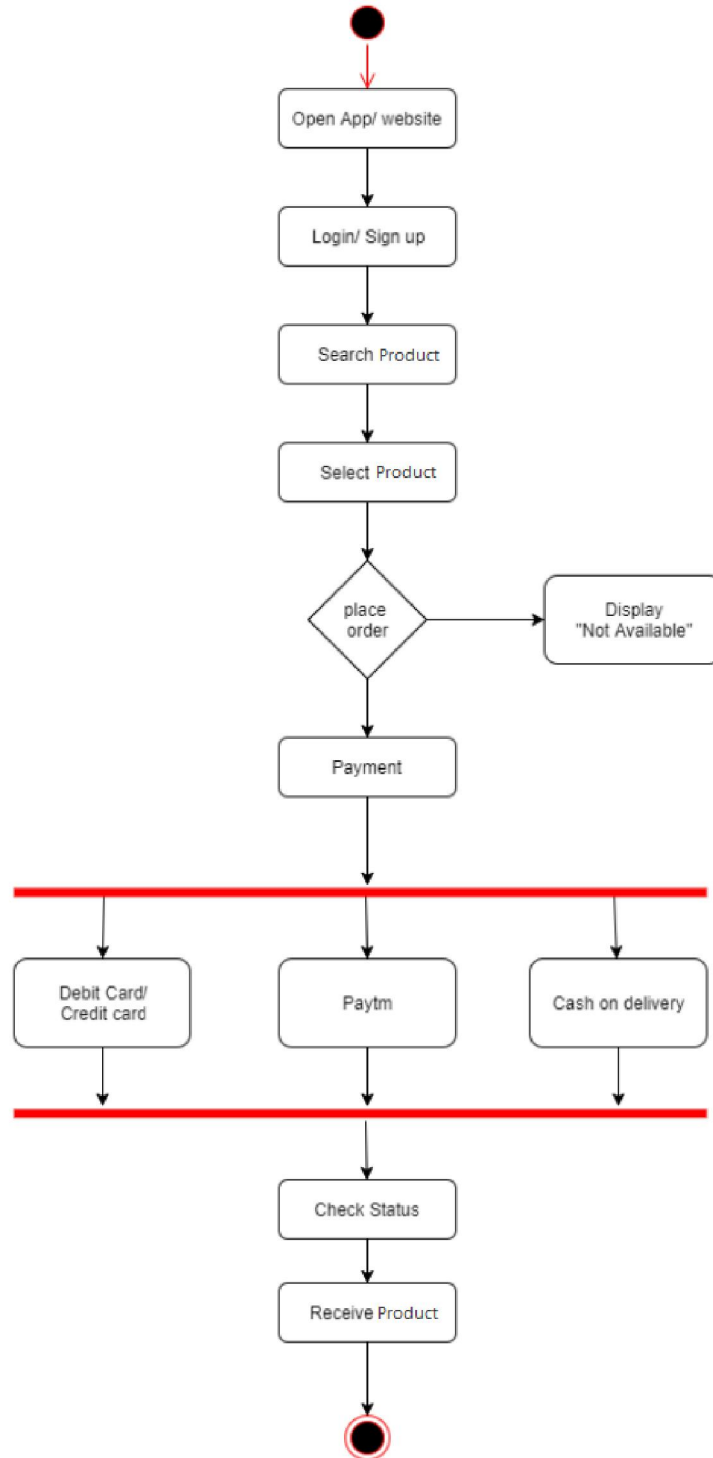


Fig 1. Flow Chart

IV. RESULTS AND DISCUSSION

The Proposed System has a main landing page(dashboard) with a list of products by categories for the user to choose from and select a particular product based on the requirements of the user and different tabs for different purpose i.e. Cart, Shop, Checkout, My account.

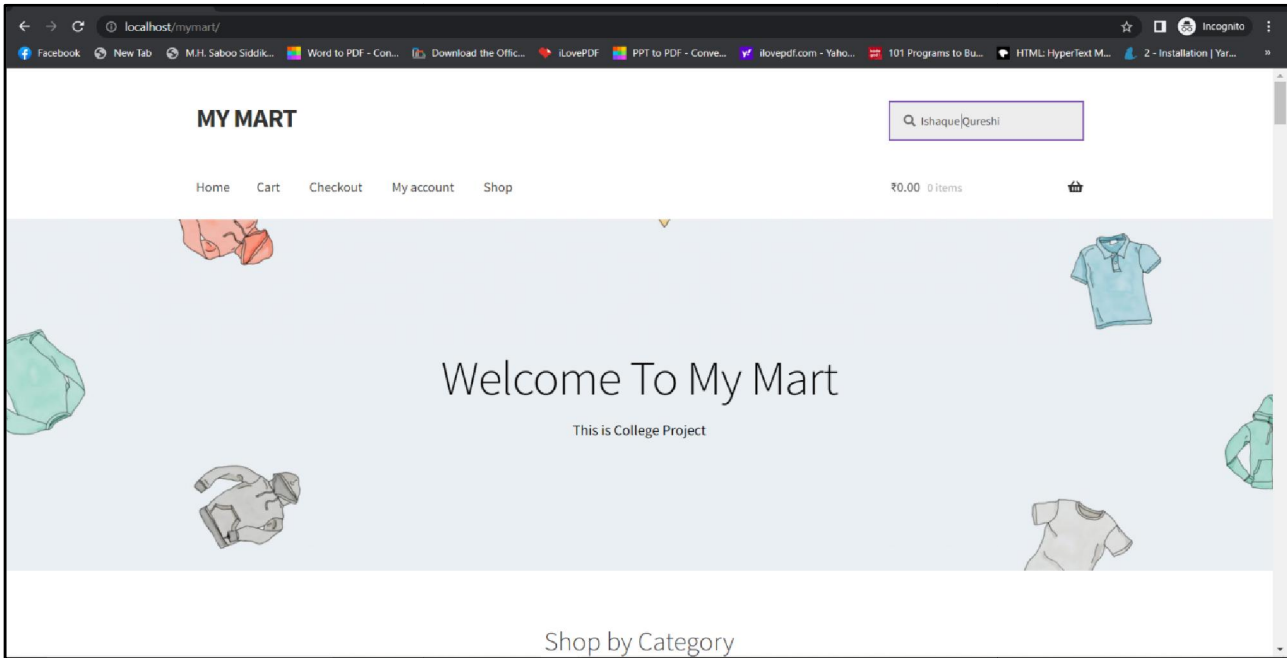


Fig 2: Home Page

The user can search for the product of choice they require, they can browse through the categories the products are classified based on their criterias also filtering is provided.

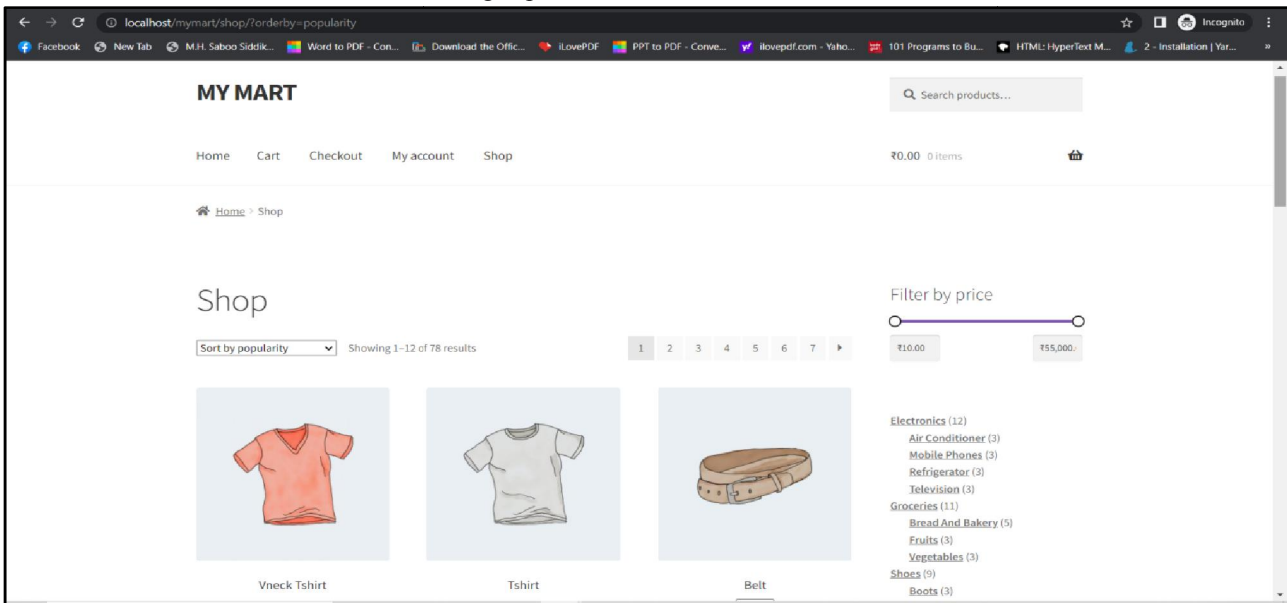


Fig 3: Shopping Page

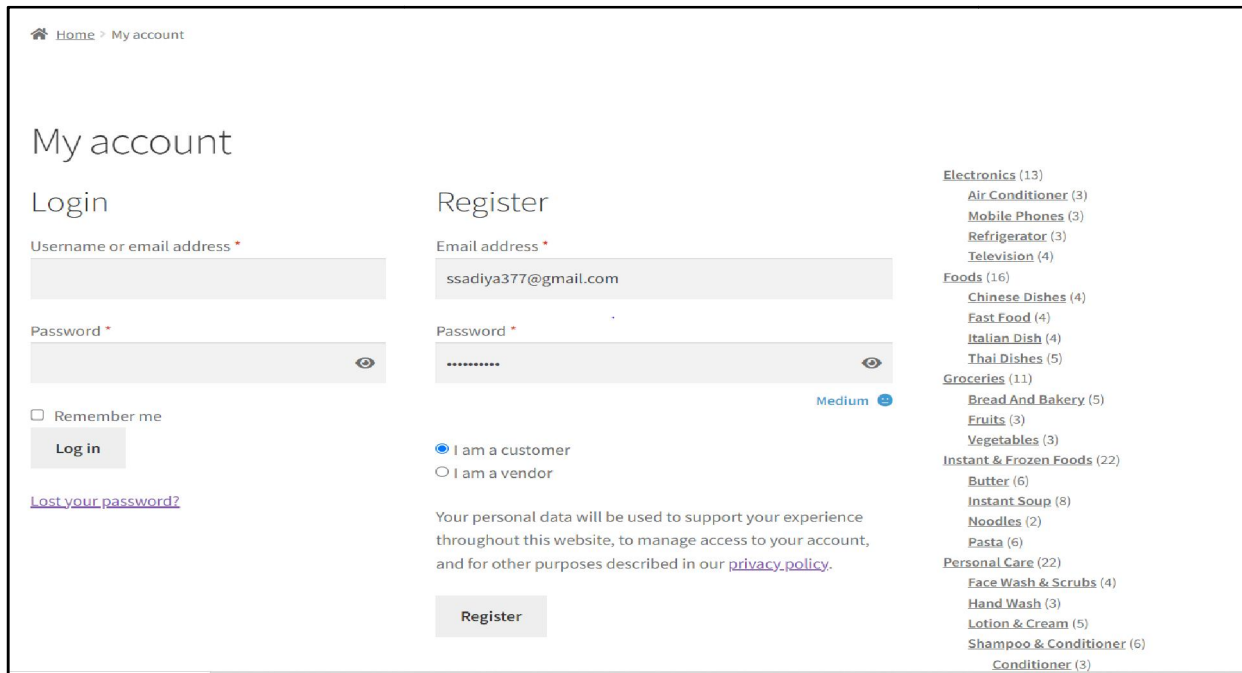


Fig 4: Customer Registration Page

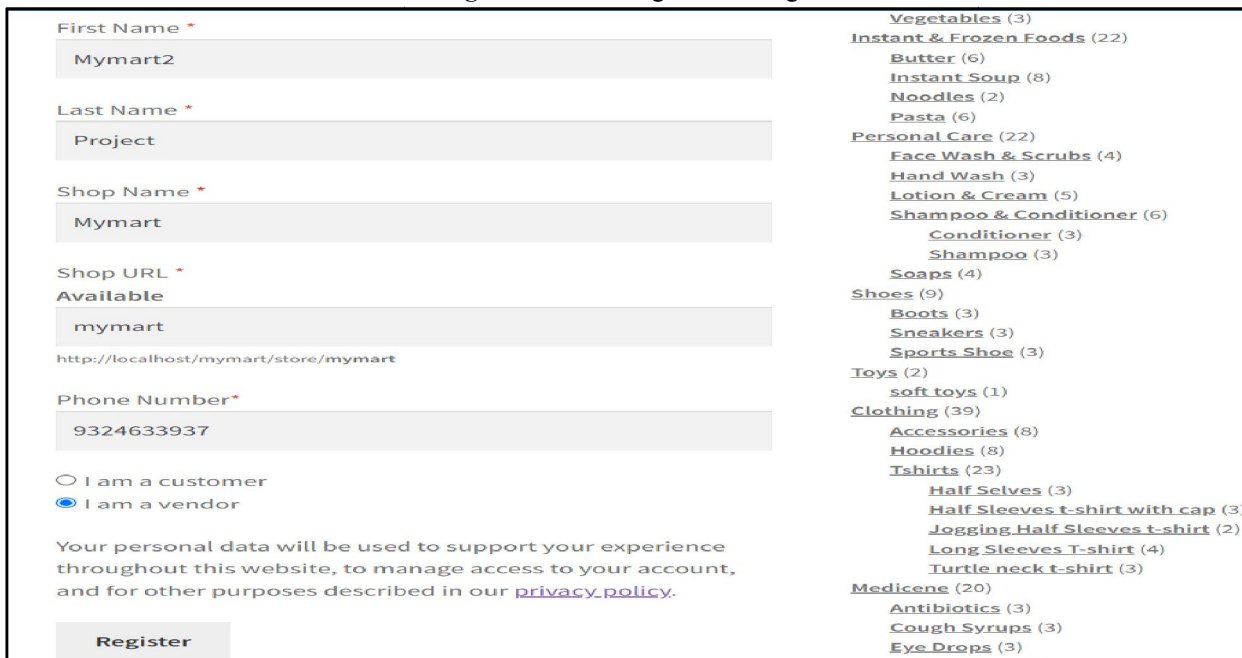


Fig 5: Vendor Registration and login Page

V. FUTURE SCOPE

Local Goods Delivery System is developed to allow users to order anything they want in their day-to-day lifestyle. In our solution still, some jobs left which we will do in the future like:

- Increase the delivery range.
- Increase product variety.
- Built a mobile or system-friendly platform.
- Delivery with robots and drones.
- Delivery via a virtual assistant.

VI. CONCLUSION

The main objective of this paper is to create a Local Goods Delivering Website that will allow the user to easily purchase groceries, electronics, clothing and food items just by selecting your city and selecting items that the user needs. Another objective is to decrease the delivery time as much as possible and make the website easy to use. Our system will also provide the user with discount coupons on special occasions and festivals. The main focus of the project is to be as consumer friendly as possible and to facilitate faster and more efficient delivery.

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