



E – GROCETERIA



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Abstract: This is one of the most prevalent issues that a middleclass family faces. With the economy in shambles and the rising expenses of everything from groceries to rent, As a result, E-Groceteria is an online marketplace where individuals can purchase foods at a low cost with significant savings. Our consumers can purchase fresh, high-quality organic items from us. We provide free delivery and accept a variety of payment ways. Our main goal is to provide long-term and timely delivery items to our customers.

Because of the numerous advantages and benefits, an increasing number of consumers now choose online buying to traditional shopping. In recent years, the buyer's decision-making process has shifted substantially. Before chatting with a salesperson, buyers perform thorough research online. Buyers are increasingly making more direct purchases online and through their smartphones, rather than visiting traditional brick-and-mortar stores. Doing business has never been easier or faster than it is now, thanks to the internet. It has resulted in a shift in how individuals conduct business, with a rapidly rising global trend toward online shopping, or ecommerce.

Keywords: Grocery, Middle-class, Economic, Food, Products, Customers, Shop

1. INTRODUCTION

1.1 GENERAL

Online shopping became possible when the internet was opened to the public in 1991. Amazon was one of the first ecommerce sites in the US to start selling products online and thousands of businesses have followed since. Few developments have altered India's lifestyle more quickly and more completely than the Internet. The Internet's largest and most meaningful impact may very well be on the way consumers shop for everything from gifts, gadgets and groceries to clothing, cars, and cruises.

In today's world, you can buy almost anything on the internet. You may buy practically anything online, including groceries, medication, clothing, furniture, gadgets, books, greeting cards, even cell phones and ringtones for cell phones. Many people still prefer to get their groceries from the corner store, and many more are using the Internet to book trains, plane tickets, and vacation destinations.

1.2 NEED FOR THE STUDY

Many people all around the world like to shop online for products from a variety of brands and companies that they can't locate or can't buy in their native country. People from all over the world have begun to purchase products online by just sitting in their homes, thanks to new technology and the backing of the internet. Purchasing commodities and products over the internet is a simple process. It is now a very significant part of everyone's life, particularly for the elderly and those with a highly busy schedule.

You can expand your reach by selling directly online. Your profits are no longer restricted by the amount of clients who can physically visit your brick and mortar shop when you have an online store. You can sell to people in other towns, states, and even countries, removing any geographical barriers. Your online store also allows you to cater to customers who like to explore and shop at times when traditional retail locations are closed. Both the buyer and the store can save time by decreasing phone calls about availability, specs, hours of operation, and other information that can be found on company and product pages.

Experience:

Online shoppers will experience the same great prices and sales as our in-store shoppers, making for an affordable experience that anybody will enjoy. Plus, shoppers can take advantage of our online-only discounts when shopping at EGroceteria.com.

With Ease, Buy in Bulk

Buying in bulk, as you may know, is a terrific method to save money on groceries. Many buyers, on the other hand, avoid buying in bulk since it requires more cart space and handling the weight of heavy parcels. Buying in the comfort of your own home is now possible thanks Shop online and have your purchases delivered to your home. Bulk purchases have never been easier: simply add bulk items to your virtual shopping cart and have them delivered to your door.

Browse at Your Own Pace

E-Groceteria allows you to explore the aisles whenever it is most convenient for you, whether it is 2 o'clock in the afternoon or 4 o'clock in the morning. Despite the fact that you must be present when the groceries are delivered, you have the option of selecting a delivery time that is most convenient for you..

Shop Instead of Waiting in Line

Whether you're doing your monthly grocery shopping or preparing Thanksgiving dinner, you'll always encounter the same crowd... none! With E-Groceteria for home delivery, you can buy from the comfort of your own dining room table, couch, or office, avoiding crowded aisles and long checkout lines. That means you'll have more time to pursue your passions.

Attempt to avoid several trips.

Have you forgotten to add something to your virtual shopping cart? It's not a huge deal. Even after you've made a purchase, you can add products to your cart until the day of delivery to your home with online shopping. That means you won't have to return to the store to get that one item you forgot.

A larger variety

Because online products exist solely in the digital realm, online retailers are not bound by shelf space and often have more inventory on hand, as well as a greater range of products.

Information is easily accessible.

When you purchase online, you will frequently find more information on a company's items than you would find in a real store. Instead of dealing with only one or two salespeople in person, you may look up product descriptions, related product recommendations, and customer reviews to help you make a more informed purchase decision.



Figure-1



Figure-2

1.3 OBJECTIVES OF THE STUDY:

The study's goal is to look into the present issues with online grocery buying and come up with a viable solution. Our main goal is to provide long-term and timely delivery items to our customers.

2. Literature Survey

It is vital to research the present and existing online grocery shopping systems in order to suggest an online grocery shopping system.

The following are two of the most significant challenges an Online Grocery Store faces:

2.1 Persuading customers to switch from their conventional method of grocery shopping to the new, sophisticated, and advanced method of online shopping. Providing the finest possible service while ensuring customer happiness.

2.2 To overcome the aforementioned challenges, online grocery businesses must invest a significant amount of money on marketing and promotional efforts. So far that we have created a website called E-GROCETERIA, where our focus is full giving quality products to consumers. The major difference from other websites like amazon, flipkart etc... is we have two step validation on all products (i.e) when customer buy anything from our shop we will be sending the product details to the respective customer and not only that we will make a call to the customer and we will verify the ordered product by discussing with them, so that there wont be any misplaced products to be delivered. While delivering the products we will be giving 1-4 timings to customer's so that the he/she can get their ordered products at their own timings. This will help them to concentrate more on their work and customers no need to wait full day to get their products. This process is one of our biggest advantage in our website. However, the customer has become much smarter. Buyers browse through various sites and compare the discounts offered by these sites. Finally, they buy the product from the grocery retailer which give them the best offer.

3. EXISTING SYSTEM

There are no such application level system facilities in the country under the current system to carry out the free service All products are delivered to buyers 24 hours a day, seven days a week. Furthermore, no application of this type is currently being used for online grocery purchasing in accordance with the country's existing online grocery shopping structure.

To complete this process, the buyer may have to spend a

significant amount of time and money outside of his regular working hours. Inadequate substitutes, the online shopping cost, a lack of control over the selection of perishable goods, and the difficulty to find good discounts online compared in the store were among the disadvantages. To figure out how to encourage healthy grocery shopping online, more research is needed.

3.1 DRAWBACKS IN EXISTING SYSTEM

The following are some of the issues with the existing online food shopping system:

Problems with quality

The main issue with buying anything online is that you have no way of knowing how good a product is. Reviews aren't always trustworthy, and no amount of research can guarantee a product's quality; dishonest sellers who purposefully mislead buyers in order to boost sales are the leading cause of faulty/sub-par products being sold online.

Logistics and delivery

When shopping online, one issue that frequently arises is when the order will be delivered. Order tracking systems are available on all e-commerce sites, however they aren't always accurate. Because there is no way to schedule a delivery time slot, delivery employees frequently arrive at our homes when we are at work or elsewhere.

Failures in digital payments Whether a customer uses a credit/debit card, netbanking, or one of the many digital wallets available today, the failure of digital payments is always a concern when conducting business online. The payment amount is frequently deducted from a customer's account without being credited to the selling party due to a shaky internet connection or a technological fault. And getting this money isn't easy; you have to notify the site first, then wait roughly 7-10 days for the money to be refunded to your bank account.



Figure-3

4. PROPOSED SYSTEM

With EGrocery, you may enjoy the convenience of online shopping.

Many of our locations in India, New York, and Australia now offer online grocery shopping with home grocery delivery service through our online grocery shopping platform (E-Grocery). Find your nearby store to discover whether you can do your grocery shopping online. What if your neighbourhood EGrocery doesn't have an online buying option? Don't worry—E-Grocery attempts to deliver the most convenient shopping experience possible, based on low prices, frequent sales events, and polite and attentive service.

Take advantage of the savings found in our weekly circular and digital coupons application, no matter how you purchase. If you have any questions concerning our home grocery delivery service, please contact us right away.

4.1 ADVANTAGES

The following are the key elements of the new protocol: When it comes to grocery shopping, there are two camps: those who enjoy going to the store and those who want to get in and out as quickly as possible.

Grocery shopping can be time-consuming:

- making a shopping list
 - getting to and from the store
 - searching through seemingly infinite aisles for what you're looking for
- For today's generation, online grocery shopping is a dream come true. Especially for those women and men who have always desired to do their grocery shopping on a tight budget. The landscape of grocery fulfilment has evolved dramatically, and there are some benefits and drawbacks to purchasing for groceries online

It saves time

The need to stroll up and down store aisles is eliminated when you shop online. You may also check in at any time, even at 2 a.m., and still have access to a fully stocked store. Taking the delivery route is also an option. You won't have to go to the store, which saves not just time but also money on gas. In fact, studies show that compared to individual family journeys, supermarket delivery services reduce carbon dioxide emissions by half. **No Unwanted Luxury Purchases.**

It's simply too easy to do; you're wandering through the store buying everything you need when you notice a chocolate cake, a packet of biscuits, and some sausage rolls in your cart. You didn't want them before, but now that you've seen them, you're in desperate need of them! Shopping online might help you control your impulse purchases.

Comparisons

Many internet retailers provide a great function called price comparison that will make the life of many housewives a hundred times easier. You are not compelled to remember how much more costly eggs are at store A compared store B when you shop online.

You'll find everything you require. We provide search engines on our websites to make it much easier to find items fast; entering in a product's name or brand will bring up all relevant products, making it much quicker to find exactly what you're looking for.

History is a great way to shop.

Imagine going to the grocery store and finding your favourite items already waiting for you in your shopping cart. When you shop online, this is a possibility. After you've used an online shopping service once, you might be allowed to choose groceries from your prior purchases the next time you order.

Keep a running tally of your expenses. Another significant benefit of purchasing online is that the complete cost of your shopping cart is always displayed.



Figure -4

4.2 Sample Module Template

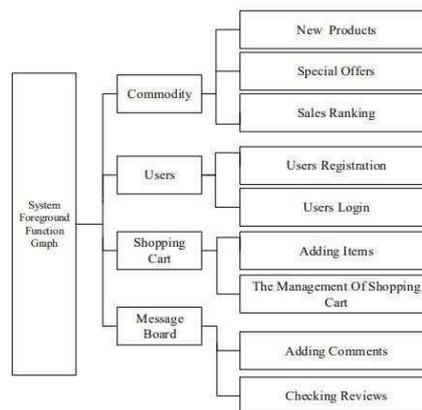


Figure -5

5. METHODOLOGY AND MODULES

There are a variety of strategies accessible for the online grocery buying system, however the following are the most efficient and effective:

5.1 Shopping that is user-friendly:

We designed our online shopping website to be simple to learn, use, comprehend, and interact with.

5.2 Implementation:

To purchase our food, follow these steps:

1. Keep track of your food costs for a week.
2. You can get money back on your grocery purchases.
3. Make a list of everything you need to buy and stick to it.
4. Purchase non-perishable products in large quantities.

5. Prepared and processed foods can be made at home.
6. Prepare food for the week ahead of time.
7. Purchase produce that is in season and available locally.
8. Consider using a meal-delivery services.



Figure-6

6. Sample Created Webpage Outputs:

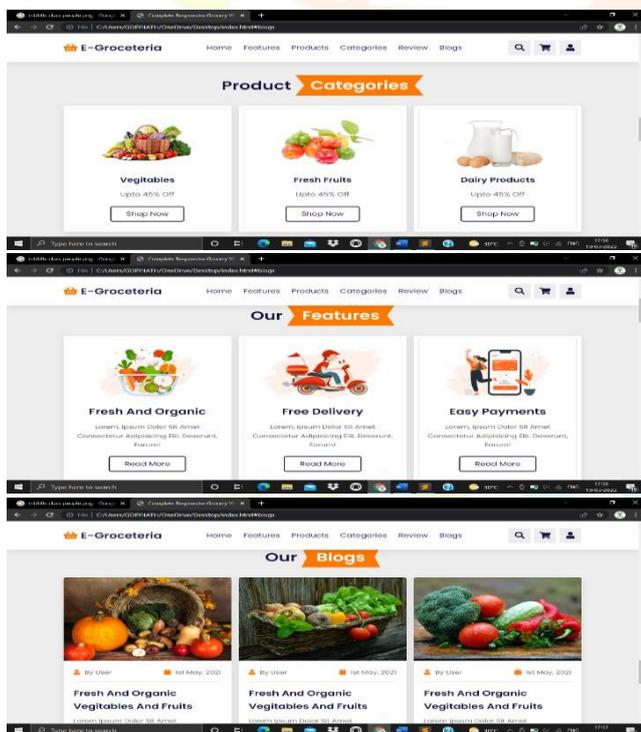


Figure-7

7. CONCLUSION

This system's front and back functions are powerful, making online purchasing more efficient, and it can fulfil a variety of company needs, including commodity administration, online browsing, and so on. Technology has improved greatly in recent years to improve the online shopping experience for consumers, and it will continue to do so in the future. Because of the increasing growth of items and brands, many people believe that online shopping will supersede in-store buying. While this may be true in certain circumstances, there is still a demand for brick and mortar stores in markets where

people like to see and touch the things they are buying. On the other hand, the introduction of online shopping has resulted in a better informed client who can purchase with relative ease. without spending a lot of time on it Online purchasing, on the other hand, has spawned a plethora of new small enterprises.having to pay the enormous costs of running a physical store. At the end of the day, it was a win-win situation for both the buyer and the seller.

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