

**A PROJECT REPORT**  
**ON**  
**“THE GROCERY SPOT”**

**BY**  
**Gawade Vaishnavi Laxman**  
**Shinde Samiksha Mangesh**

**UNDER THE GUIDANCE OF**

**Prof. Thorat T.M.**

**IN PARTIAL FULFILLMENT OF**  
**DEPATMENT OF BACHELORS OF**  
**BUSINESS ADMINISTRATION**  
**(COMPUTER APPLICATION)**

**Under**

**University of Pune**

**DEPATMENT OF BACHELORS OF BUSINESS**  
**ADMINISTRATION (COMPUTER APPLICATION)**

**Academic Year 2023-2024**

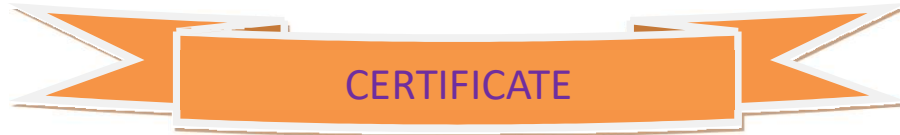


**Annasaheb Awate Arts, Commerce, And Hutatma**  
**Babu Genu Science College, Manchar.**

**(Savitribai Phule Pune University, Pune)**

**DEPATMENT OF BACHELORS OF BUSINESS  
ADMINSTRATION (COMPUTER APPLICATION)**

**DEPARTMENT OF BBA(CA)**



This is to certify that Ms. Vaishnavi Laxman Gawade & Samiksha Mangesh Shinde BBA(CA)(SEM-IV) class has completed his project work title “**THE GROCERY SPOT**” as part of curriculum, during the academic year 2023-2024.

**Date:**

**Place: Manchar**

**(Prof. Thorat T.M.)**

**Project In charge**

**( Sangita Khatal )**

**Head of Department**

---

## **ACKNOWLEDGEMENT**

---

I wish to thank you the principal Dr. N.S.Gaikwad sir of my college for permitting to use all the facilities available in the institution for my project work. I would also like to thank the Head of Department BBA(CA), the teaching faculty and all the non-teaching staff of my college for their support in completing the work successfully.

I am grateful to my Internal Guide Prof Thorat T.M. for this encouragement, guidance and supervision of my project work during this year. I express my thankfulness to them. I must acknowledge the support given to this project by Prof Thorat T.M. without which it would have been difficult to complete the work in time.

My classmates have been of great help to me during the project work. My ideas were shaped and refined progressively through my discussions with them from time to time. I cannot miss to thank them all. There were some persons who were not directly but indirectly involved in my preparatory/practical work. I heartily appreciate their contribution and thank them too.

**Your's Faithfully,**

Gawade Vaishnavi Laxman

Shinde Samiksha Mangesh

## INDEX

Sr.no.	Topic
1.	<b>Introduction</b>
	Purpose of system
	Scope of system
2.	<b>System Analysis</b>
	Fact finding technique
3.	<b>Feasibility study</b>
4.	<b>Software / hardware specification</b>
5.	<b>System Design</b>
	Entity Relationship Diagram
	Data Flow Diagram (0 level)
6.	<b>File designing</b>
7.	<b>Advantages and Disadvantages</b>
8.	<b>Future Enhancement</b>
9.	<b>Bibliography</b>

---

## INTRODUCTION

---

This software helps customers to find different Groceries according category, price. It is designed such a way that one can view all the updates of the groceries from any place through online. The software will help in easy maintaining and updating products in the website for the administrator. Also, quick and easy comparison of different products for the customers.

The main purpose of online grocery is to create and develop newmodels, and to optimize the relationships between a grocery company and its customers. Changing from shopping at the super market to online grocery shopping can improve an online grocery retailer's productivity by shortening supply chains, reducing overhead costs, and enabling "just in time" service.

Most grocery store chains offer online shopping options with free in-store pickup; a few even offer home delivery for a small fee. In this , the developers develop an online grocery system that will minimize all the effort and time of the customer so that they can prepare for it and deliver if needed.

## PURPOSE OF SYSTEM

---

- **It saves time:**

You can shop online, choose a pick-up time and on your way home have your groceries loaded in your car or have them delivered to your home. All of this is done without stepping foot in a grocery store. Leaving more time for work, family or leisure activities.

- **Building customer loyalty:**

As the purpose of customer loyalty programs is to ultimately ensure customers feel like they're getting a good deal, they're more likely to visit your website regularly. They may also refer you to their family and friends, especially if you incentivize this with a referral scheme.

- **Easy inventory management:**

The main purpose of inventory management is to help companies to have the right amount of stock to maximize profit, reduce costs, and not have tied up too much cash in a stock that could potentially become obsolete.

- **Payment option:**

In online grocery shopping, customers have various payment options. Websites offer online payment through debit or credit cards, net banking, and even cash on delivery. Managing all payment details for each product is a key objective.

- **Price:**

Compare price to save money. Online grocery stores allow customers to compare prices of different brands and products while searching for groceries online.

- **Tracking consumer behaviour:**

Grocery stores use customer transaction data to help them optimize their promotions, identify new product opportunities, develop targeted marketing campaigns, adjust their prices, and manage their inventories.

## **SCOPE OF SYSTEM**

---

### **❖ SCOPE**

- The system can automatically locate or provide the nearest branch of Save more through the customer's address.
- The customer can pay through credit card and Cash on Delivery.
- Customer can also choose pick-up or delivery
- The customer can easily search for the products and can add immediately to her/his shopping cart.
- The system can print the receipt of the customer's order
- The system has email validation through g-mail
- Customer can see the order details and the actions done to her/his orders.
- System has its inventory report and sales report.
- The customer can print her/his own receipt

## SYSTEM ANALYSIS

---

### ❖ Fact finding Techniques

#### **1. Sampling of Existing Documents**

To follow this particular method of fact finding, analyst has to study well existing documentation, forms, & files of existing system. A good analyst gets fact first from existing documentation rather than from people.

#### **2. Collection of information:**

This technique of fact finding is most popular productive for good analyst and most probably widely used. Collecting the information from various websites and also from the text-books.

#### **3. Observation:**

Observation could be formal or informal. This is most effective when an analyst wants to obtain an understanding of a system. This tech is used when analyst wants either participation or watches a person perform activity to learn about the system.

#### **4. Interview:**

This is a special purpose document that allows the analyst to collect information and opinion from respondents. Questionnaires become useful when little information is required from a number of people.

#### **5. Research and Site Visit:**

Analyst has to research with data of the organization. The data could be collected from the documents file or from computer. Most organizations like to maintain their website. Analyst can get data and information of their existing system from their website.

---



## FESIBILITY STUDY

---

Feasibility Study is one of the most important & preliminary aspects of software development.

We hereby specify three basic criteria of our feasibility study.

❖ **Technical feasibility:**

It studies if the technical resources are capable of converting the ideas into working system.

Evaluate hardware and software requirement of proposed system.

❖ **Economic feasibility:**

Economical Feasibility deals about the economical impact faced by the organization to implement a new system.

❖ **Operational feasibility:**

It is measure of how people feel about the system project.

It measures the urgency of the problem or acceptability of a solution.

## **HARDWARE & SOFTWARE REQUIREMENT**

---

- **Software requirement**

1. Operating System: - window 11
2. Front end: HTML & CSS

- **Hardware requirement**

1. Hard disk space - 40 GB
2. Ram supported: - 2 GB

- **Input Device**

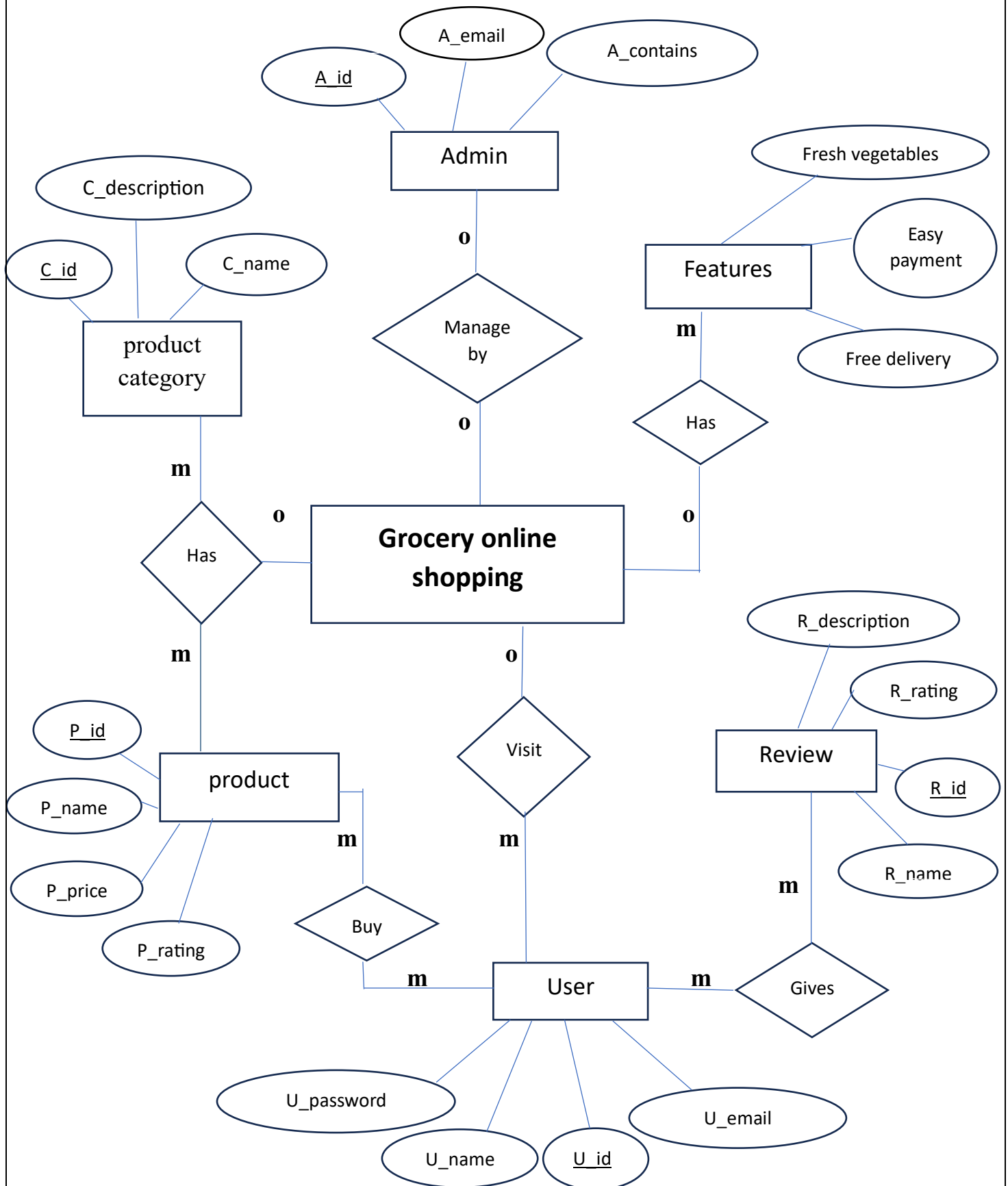
1. Keyboard
2. Mouse

- **Output Device**

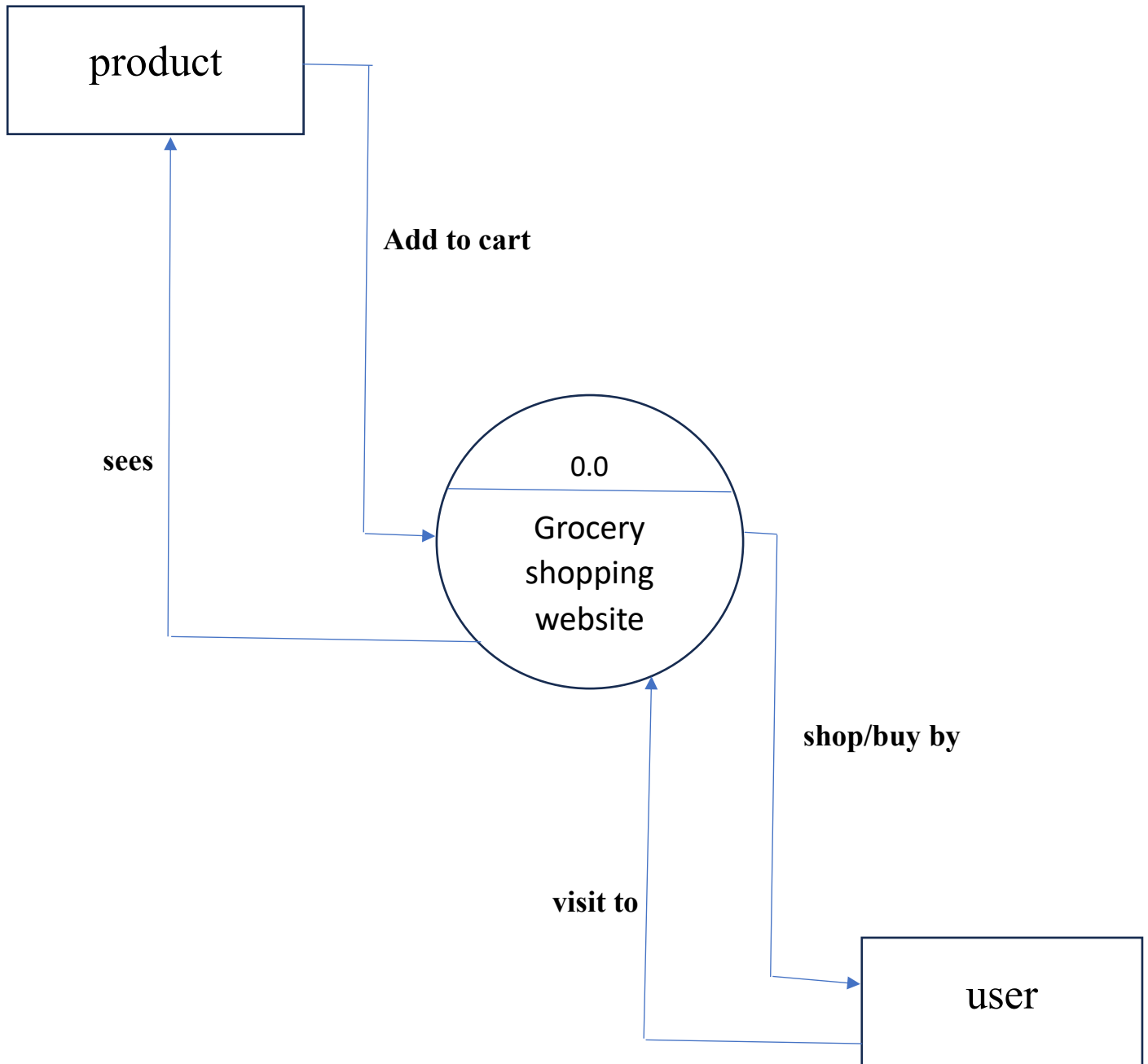
1. Monitor
-

# SYSTEM DESIGN

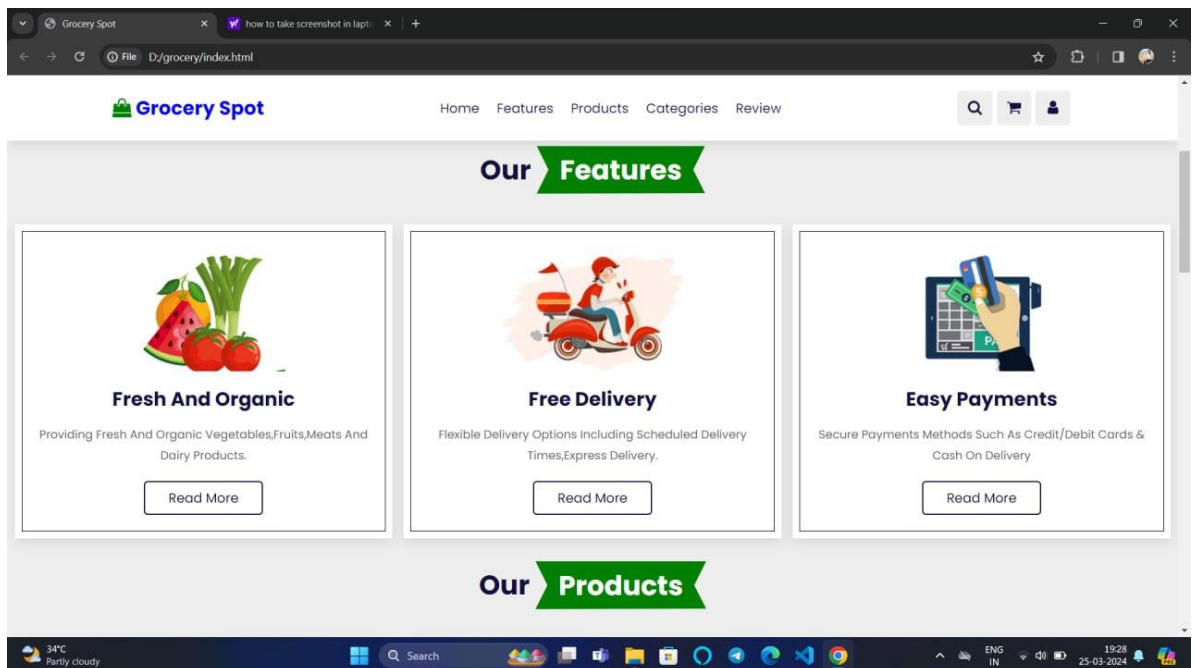
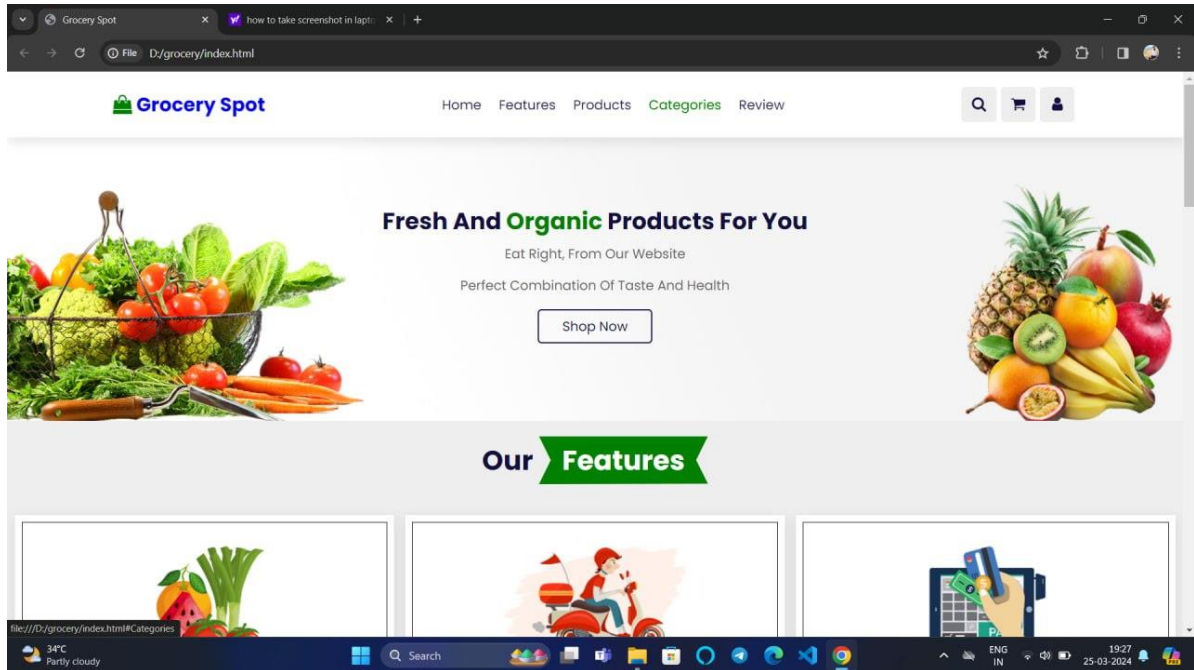
## ❖ ENTITY RELATIONSHIP DIAGRAM

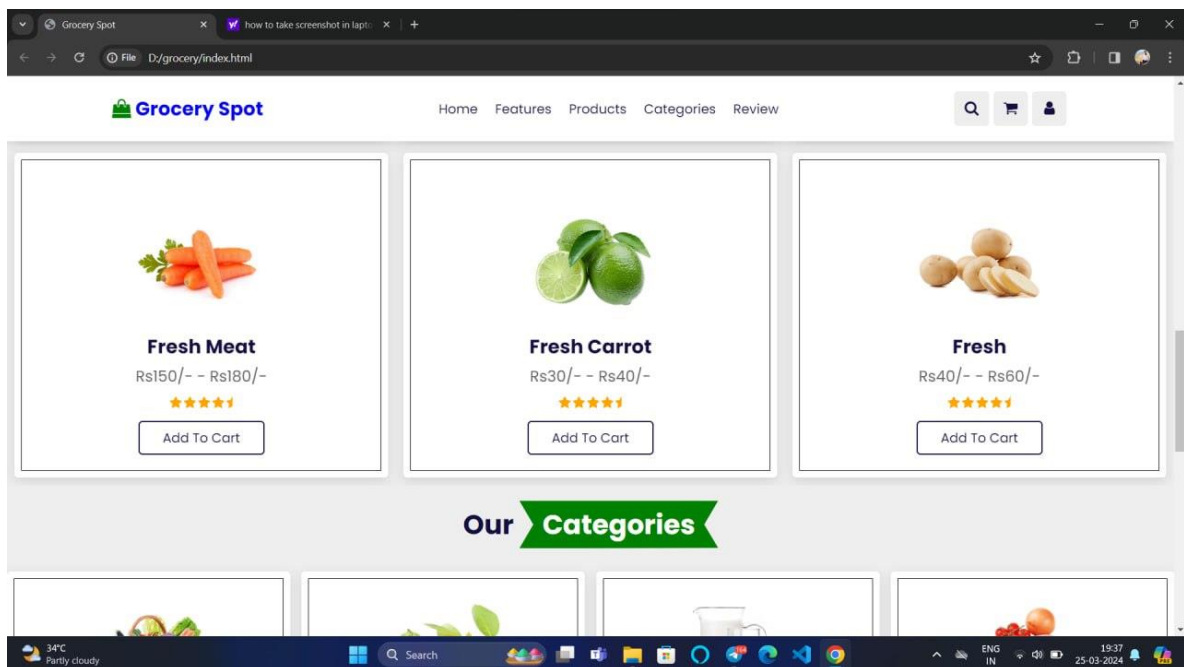
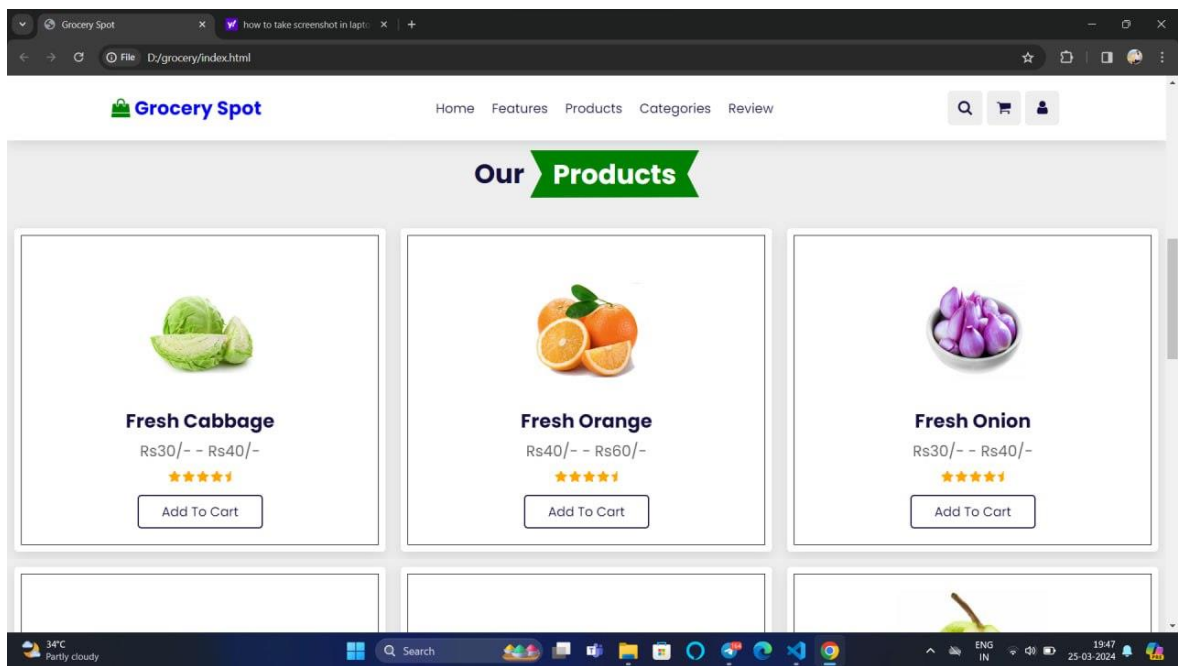


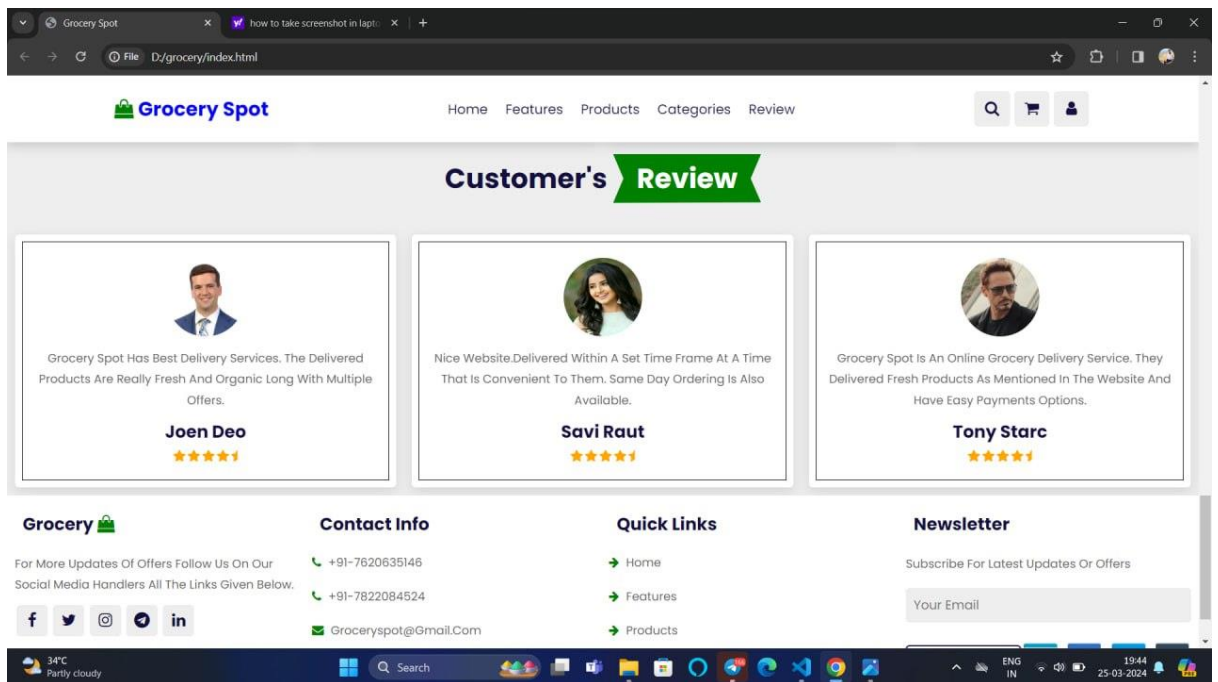
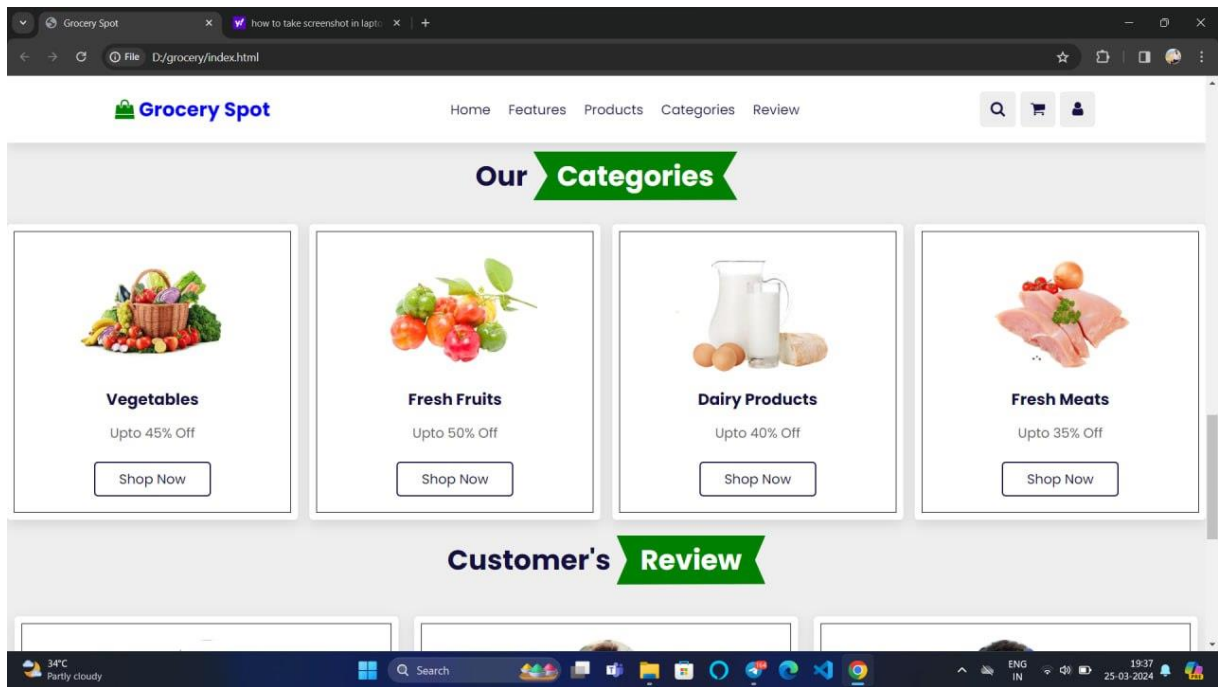
## ❖ DATA FLOW DIAGRAM

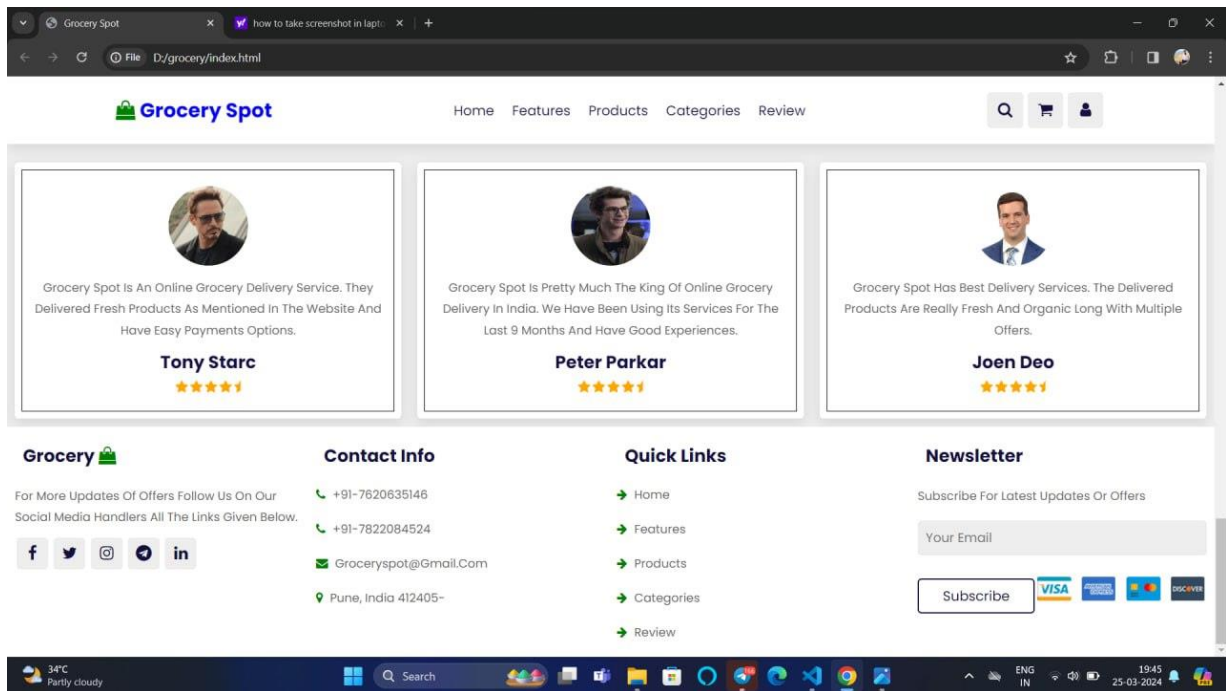


# FILE DESIGNING











## ADVANTAGES & DISADVANTAGES

---

### ❖ ADVANTAGES

- **Time Saver**

Most of the hypermarkets have started providing online grocery services to customers as it allows them to facilitate shopping in their comfort zone. It is enough that the users spare very little time to order their essential groceries without interrupting their daily routine. Many have switched to online grocery purchases as it saves them more time.

- **Avoid billing counters**

Sometimes we may have to wait in queues for long durations in supermarkets during rush hours. It requires a lot of patience to stand in the crowd and wait till our turn comes for billing. Online grocery shopping helps to get rid of these difficulties as it is a single checkout process that gets done within a few seconds effortlessly.

- **customer services**

All grocery stores have their own timings for opening and closing hours. Customers can purchase groceries only during their working hours. After that, it is not possible to visit the grocery stores to buy the requirements. But online grocery shopping applications deliver 24/7 services to their consumers.

- **Stop worries about parking**

Another concern that arises while visiting a supermarket is vehicle parking. During peak times or festive seasons, it is hard to find a space and park the vehicles safely. If we go online shopping, we need not bother about parking hassles. Online grocery enables the users to shop their daily essentials without heading to a shop directly. Available the best products to home at favourite grocery stores using on-demand grocery delivery applications without any parking issues.

- **Online payment options**

Every time we visit the grocery store, you have to take the wallet with you and have to be safe till returning home while carrying a lot of money. Online grocery shopping offers multiple online payment options to customers. Customers can add products to cart and make checkouts using any of the payment methods like net banking, credit card, debit cards etc.

- **Get good quality products**

Online grocery stores have their main motive as customer satisfaction and loyalty. In order to gain satisfaction and build trust with customers, online groceries deliver high quality products to the consumers. Delivering poor quality products creates bad reputation among users and cannot sustain in the market for a long time.

- **Easy doorstep deliveries**

Avoid the risks taken to visit the grocery store to purchase the groceries anymore. To provide the customer requirements at their doorstep, online grocery stores provide potential deliveries to customer's door front. Customers can order the groceries from where they are. They don't have to travel to hypermarkets and bring the groceries home with all effort. These online stores take care of the product delivery in good condition to the mentioned customer address

- **Make use of discounts and offers**

Online grocery applications frequently provide discounts and special offers during festive seasons or any other occasions. Customers can make use of these offers properly for online grocery shopping. Regular users will receive updates and notifications about the offers launched in the app. This will help the customers to buy groceries at less rate than usual.

## ❖ DISADVANTAGES

- **Cyber Crime:**

Fraudsters and hackers usually target online shoppers. A shopper may fall victim to credit card fraud, phishing sites, or hackers in the course of shopping. Online shoppers may also suffer identity theft or fraud as a result of shopping on counterfeit e-commerce sites.

- **Lack Of Opportunity to Bargain:**

Online stores do not give shoppers the opportunity to bargain with vendors concerning the prices of the products. This is unlike physical stores or markets where shoppers can haggle for lower prices.

- **Increased Internet Time:**

This generation of technology users are already spending an excessive amount of screen time, and online shopping only makes this worse. It's easy to get sucked into staying longer than planned on the internet when shopping online. This is probably because of all the amazing offers and products available on online stores.

## **FUTURE ENHANCEMENT**

---

- Storing Data in secure way
- Online payment can be added
- Personalization
- Voice order technology
- Adding Database
- Expanded various languages

## BIBLIOGRAPHY

---

- You tube - [https://youtu.be/CQZxeoQeo5c?si=QgjOtx1m\\_zJFG0E-](https://youtu.be/CQZxeoQeo5c?si=QgjOtx1m_zJFG0E-)
- Google