



**SRI KRISHNA COLLEGE OF TECHNOLOGY**  
**An Autonomous Institution | Accredited by NAAC with**  
**'A' Grade**  
**Affiliated to Anna University | Approved by AICTE**  
**KOVAIPUDUR, COIMBATORE 641042**



# ***PROJECT BASKET***

## **A PROJECT REPORT**

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*in partial fulfilment for the award of the degree*

Of

**BACHELOR OF ENGINEERING**

IN

# **Electronics and Communication**

**JANUARY 2023**

***CERTIFICATE***

# ***BONAFIDE CERTIFICATE***

Certified that this project report “**PROJECT BASKET**” is the Bonafide work of **Boobalan.S, Gurusangar.M , Deo Williams.S** and **Kapilan.V** who carried out the project work under my supervision.

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## ***ACKNOWLEDGEMENT***

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# *ABSTRACT*

# **1.ABSTRACT**

## ***INTRODUCTION:***

**This project is about online grocery shopping. Online grocery shopping is a convenient way to purchase food and household items without having to physically visit a store. It typically involves browsing a retailer's website or app, adding items to a virtual shopping cart, and then completing the purchase by paying online and scheduling a delivery or pickup. Some online grocery stores also offer the option of home delivery or drive-thru pickup, where you can have your items delivered to your doorstep or pick them up at a designated location without having to leave your vehicle. Online grocery shopping can save time and effort, particularly for those who are busy or have difficulty getting to a store in person. It can also be a good option for those who prefer to avoid crowds or have mobility issues.**

## ***DESCRIPTION:***

**Online grocery shopping used to purchasing food and other household items through a website or app rather than going to a physical store. To shop online, you typically need to create an account with the retailer, browse through their selection of products, and add items to your virtual shopping cart. Once you've selected all of the items you want to purchase, you can proceed to the checkout process to pay for your order. Some retailers offer delivery options, where the items are brought to your home, or pickup options, where you can collect your order from a designated location. Online grocery shopping can be a convenient way to save time and avoid crowds, as you can place your order from the comfort of your own home and schedule a delivery or pickup at a time that is convenient for you.**

## ***FEATURES:***

This website can offer a range of features that can make the shopping experience more convenient and efficient. Some common features include:

1. Search and browse
2. Product details and reviews
3. Shopping lists and favorites
4. Delivery and pickup options
5. Personalized recommendations
6. Coupons and discounts
7. Payment options



# ***LIST OF FIGURES***

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# ***LIST OF ABBREVIATIONS***

### 3. LIST OF ABBREVIATIONS

ABBREVIATIVE	ABBREVIATION
HTML	Hyper Text Markup Language
JS	Java Script
CSS	Cascading Style Sheet
P	Paragraph
DOM	Document Object Model
Img Src	Image Source
DOC	Document
Div	division
Href	Hypertext REFrence
Link rel	Link relation
Br	break
Hr	Horizontal rule
Ol	Ordered list
Ul	Unordered list

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# ***I . CHAPTER 1***

## **INTRODUCTION**

Online grocery shopping is a rapidly growing trend in the retail industry, as it provides consumers with convenient and time-saving options for purchasing their groceries. With the rise of e-commerce platforms and the increasing use of mobile devices, more and more people are opting to shop for their groceries online rather than in-store. This shift has had a significant impact on the way grocery stores do business, as they have had to adapt to this new mode of shopping.

In this report, we will delve into the world of online grocery shopping and explore the various factors that are driving its growth. We will also examine the challenges and opportunities that this trend presents for both consumers and retailers. By examining the current state of the market and examining trends and data, we will provide a comprehensive overview of the online grocery shopping landscape and its future potential.

## **OVERVIEW**

The online grocery shopping industry has experienced significant growth in recent years, as more and more consumers turn to the internet to purchase their groceries. This trend has been driven by a variety of factors, including the convenience and time-saving aspects of online shopping, the increasing availability of high-quality fresh produce and other perishable items, and the development of sophisticated delivery and fulfillment systems.

In this report, we will provide a detailed overview of the online grocery shopping industry, including its size and scope, key players, and the various trends and factors that are shaping its development. We will also examine the challenges and opportunities that online grocery shopping presents for

consumers and retailers, including issues related to delivery, pricing, and customer service. Finally, we will explore the future potential of the online grocery shopping industry and discuss what the next generation of e-grocery services may look like.

## **FEATURES**

- \* Size and scope of the online grocery shopping industry, including market size and growth rate  
Key players in the industry, including major retailers and e-commerce platforms
- \* Trends and factors driving the growth of online grocery shopping, such as convenience, time-saving, and the increasing availability of fresh produce and other perishable items
- \* Challenges and opportunities for consumers and retailers, including delivery, pricing, and customer service
- \* Future potential of the online grocery shopping industry, including the development of new technologies and business models
- \* Case studies or examples of successful online grocery shopping platforms or retailers

- \* Analysis of consumer attitudes and behaviors towards online grocery shopping, including demographics, preferences, and trends
- \* Comparison of online and in-store grocery shopping, including the advantages and disadvantages of each
- \* Best practices for retailers looking to enter the online grocery shopping market or improve their existing e-grocery offerings.

## ***II.CHAPTER 2***

# HTML:

HTML refers to Hyper Text Markup Language.

HTML is used to structure a web page and its content.

HTML is not a programming language.

All html documents must start with a document type

declaration: `<!DOCTYPE html>`.

The visible part of the html document is between `<body>` and `</body>`

The four required tags in html are html,title,head,body.

HTML helps in creating web pages and web applications.

# CSS:

CSS stands for Cascading Style Sheet.

CSS is the language which we use to style an HTML document.

CSS describes how HTML elements should be displayed.

There are 4 types of CSS which are:

- . Inline CSS
- . Internal or Embedded CSS
- . External CSS

CSS is the language which is used for describing the presentation of web pages,including colours,layout and fonts.

It allows one to adapt the presentation to different types of

devices,such as large screens,or printers.

CSS is independent of HTML and can be used with any XML-based markup language.

## **JAVA SCRIPT:**

Java script is a programming language and a core technology of the World Wide Web.

HTML provides structured static content on the web whereas javascript enables rich interactions and dynamic content.

JS started with the web and executed within web browsers.

The original java script versions are ES1 ES2 ES3 (1997-1999)

Javascript functions can be called within <script> tags or when specific events take place.

There are 8 types of Java Script

- \* Null type
- \* Undefined type
- \* Boolean type
- \* Number type
- \* BigInt type
- \* String type
- \* Symbol type

Java script allows you to work with the three primitive data

types:    Number   ,   string

## ***III. CHAPTER 3***



# SYSTEM DESIGN

Module 1 - Login Page

Module 2 - About US

Module 3 - Product Displaying Page

Module 4 - Payment Page

Module 5 - Feedback Page

## **1.Login Page :**

The login page allows a user to gain access to an application or webpage by entering their username and password or by authenticating using a social media login.If the user is new,he or she can create a new username and password by using the sign up option.

## **2.About US :**

The about us page is commonly used by all types of businesses to give customers more insight into who is involved with a given business and exactly what it does.

The about us page is often a reflection of the purpose and personality of the business and its owners or top employees.

Finally, the page can also incorporate contact or locational information. One way to view the about us concept is as a text self-portrait or short autobiography created by a business.

### **3.Product Displaying Page :**

A product page used to specific product or item that is available for purchase. The product page typically includes detailed information about the product, such as its name, price, ingredients, nutritional information, and any relevant promotions or discounts. It may also include images, videos, or other media to help the consumer better understand and visualize the product.

The product page is an important element of the online shopping experience, as it helps the consumer make informed decisions about their purchases .

It should be well-organized and easy to navigate, and should provide all of the necessary information that the consumer needs to make a purchase. Some online grocery platforms may also include customer reviews or ratings on the product page to help consumers get a sense of what others think of the product.

In addition to providing information about the product itself, the product page may also include related or complementary products that the consumer may be interested in, as well as options for delivery or pickup.

The product page may also include options for adding the product to a shopping cart or wish list, and may include options for purchasing in bulk or setting up a recurring delivery.

### **4.Payment Page :**

The main role of an online payment gateway is to approve the transaction process between merchant and customer.

It plays a vital role in the online transaction process and authorizes transactions between merchants and customers.

Besides, it also leads to the e-commerce platform gaining rapport for leading to not only quick and secure payments but also convenience and success with the same every time.

## **5.Feedback Page :**

A feedback form is a paper with questions on it and spaces marked where you should write the answers.

Feedback forms help in improving products or services, and even the fundamental understanding of the business users.

It is considered one of the most efficient and economical methods of understanding customers and measuring customer satisfaction

## ***IV.CHAPTER 4***

### **IMPLEMENTATION RESULT**

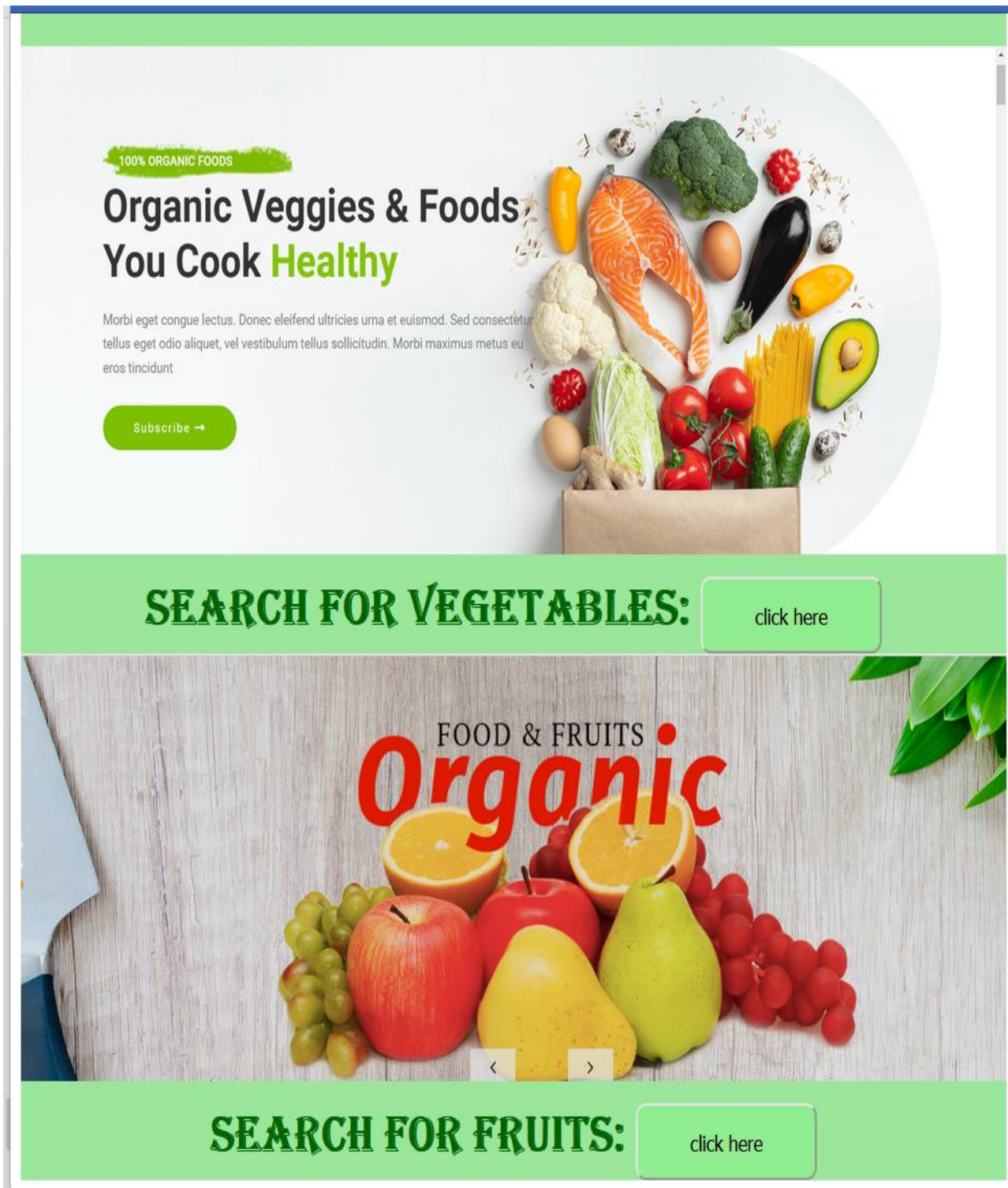
**Fig.no.1: Logi in**



**Fig.no.2: about us**



**Fig.no.3: Displaying Product**



**Fig.no.4: Order Confirmation**



**ORDER DETAILS**

NAME OF THE ORDER :  
Eat healthy.....Stay healthy.....

QUANTITY :  
[input type="text"]

DATE FOR DELIVERY :  
dd / mm / yyyy

BASKET PASSWORD :  
\*\*\*\*\*

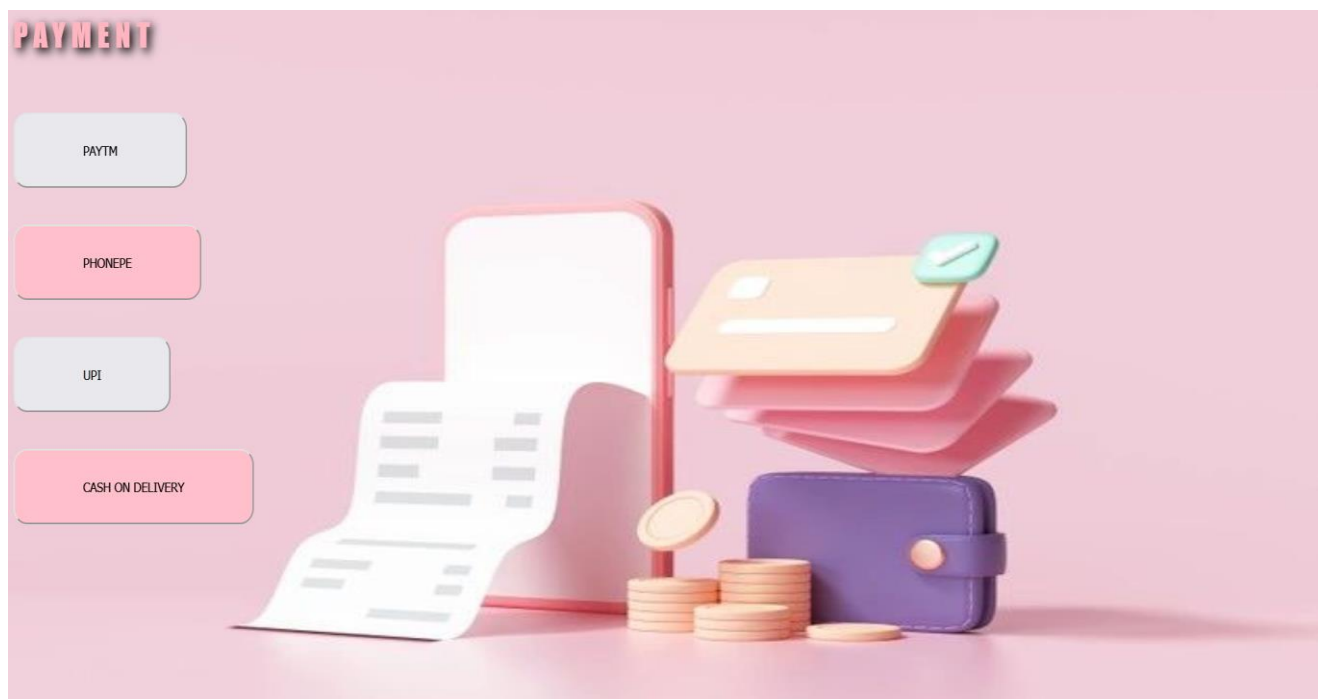
**TYPE OF ITEMS:**

☐ FRUITS  
☐ VEGETABLES  
☐ BOTH

SUBMIT

A decorative border of various fruits including oranges, kiwis, and grapefruits is positioned along the right edge of the form.

**Fig.no.5: Payment**



**Fig.no.6: multiple payment option**

**PHONEPE**

NAME :  
enter your name

ACCOUNT NUMBER  
[input field]

AMOUNT :  
[input field]

PIN :  
[input field]

PROCEED

PhonePe

**UPI**

NAME :  
enter your name

ACCOUNT NUMBER  
[input field]

AMOUNT :  
[input field]

PIN :  
[input field]

PROCEED

UPI  
UNIFIED PAYMENTS INTERFACE

**PAYTM**

NAME :  
enter your name

ACCOUNT NUMBER  
[input field]

AMOUNT :  
[input field]

PIN :  
[input field]

PROCEED

**Fig.no.7: feedback**





# FEEDBACK

WHICH PRODUCT DID YOU BUY?

FOOD:

☐ GOOD ☐ BAD ☐ NOT SATISFIED

QUALITY:

☐ GOOD ☐ BAD ☐ NOT SATISFIED

PACKAGE:

☐ GOOD ☐ BAD ☐ NOT SATISFIED

RATE THIS PROJECT:

YOUR COMMENTS:

# ***V.CHAPTER 5***

**Sample code**

**Login in page:**

```

<html>
<head>
<title>www.basket.com</title>
<link rel="stylesheet" href="basket.css">
</head>
<body style="background-color:lightgreen">
    

</body>
<div class="input">
<h1 style="text-align:center;">LOGIN</h1><br><br>
<form style="text-align:center;">
    <label="username">username:</label><br>
    <input type="text" placeholder="User name">
<br><br>

    <label for="password">password:</label><br>
    <input type="password" placeholder="password">
<br><br>

    user id:<br>
    <input type="radio" id="user id" name="user id"
value="customer"/>Customer
    <input type="radio" id="user id" name="user id"
value="distributer"/>Distributer<br><br>
    <div class="inputBox">
        <a href="file:///C:/PANTHER/basket/menu.html"
class="btns signup">Login</a>
        <br><br>

        <a href="#" class="btns">Forget password</a>
        <a href="signin.html" class="btns signup">Sign-up</a>

    </div>
</form>

</body2>
</html>

.input{
background-image:url('img5.jpg');
background-repeat:no-repeat;
background-size:100%;
color:white;

```

```
font-size: 1.875em;
}
.btns {
background-color: #4CAF50;
border: none;
color: white;
padding: 15PX;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
margin: 4px 2px;
cursor: pointer;
}
```

## About page:

```
<html>
<head>
<title>PROJECT</title>
<link rel="stylesheet" type="text/css" href="basket.css">
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
<<style>
.fa {
padding: 20px;
font-size: 30px;
width: 50px;
text-align: center;
text-decoration: none;
margin: 5px 2px;
}

.fa:hover {
opacity: 0.7;
}

.fa-facebook {
background: #3B5998;
color: white;
}

.fa-twitter {
```

```
background: #55ACEE;
color: white;
}
```

```
.fa-youtube {
background: #bb0000;
color: white;
}
```

```
.fa-instagram {
background: #125688;
color: white;
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```

```

```
<h1>ABOUT US:-</h1>
```

```
<p>Online food ordering is the process of ordering food, for
delivery or pickup, from a website or other application. The
product can be either ready-to-eat food (e.g., direct from a home-
kitchen, restaurant etc,..) or food that has not been specially
prepared for direct consumption (e.g., vegetables direct from a
farm/garden, fruits etc.,)</p>
```

```
<pre>FEATURES:-<br>
```

```
*Voice communication.
```

```
*Scheduling the orders and adding food items to cart.
```

```
*Providing contact information for the delivery person.
```

```
*Real time GPS tracking for delivery.
```

```
*Reviewing order history.
```

```
*Order status update.
```

```
*Sending online/email notifications to owner once there is a
new order.
```

```
*Sending real time notifications.
```

\*Easy payments methods to buy products.

\*Messaging within the app.

\*Ratings and reviews.

\*Additional features-offers,coupouns,vouchers etc,..

</pre>

<pre>How It Works:-

Categories:-

Whatever it is that you're looking for,just use the category option that will help you.

vegetables ? fruits ? dry fruits? etc,.

Search :-

Go through the varieties of different kind of vegetables or fruits to find what you like

using instant search feature. You can search by location, stock avaiability,time from harvesting etc,.

Checkout Cart:-

An easy to access cart system. You have option to apply Coupon Codes, Save Addresses, and Multiple Payment methods.

Other Features:-

The Ordering System comes with tons of features, such as - Owner

Login, Online Payment, Take Away, Order History, Coupon Codes, Re-Order, Rating/ Review etc.</pre>

<h1><center>FOLLOW US ON</center></h1>

<center><div class="wrapper">

<a href="http://www.google.com"><i class="fa fa-3x fa-google-plus"></i></a>

<a href="http://www.facebook.com"><i class="fa fa-3x fa-facebook-square"></i></a>

<a href="http://www.twitter.com"><i class="fa fa-3x fa-twitter-square"></i></a>

</div>

<!-- Add font awesome icons -->

```
<a href="#" class="fa fa-facebook"></a>
<a href="#" class="fa fa-twitter"></a>
<a href="#" class="fa fa-youtube"></a>
<a href="#" class="fa fa-instagram"></a>
</div>
</center>

</body>
</html>
```

## Product Page:

```
<html>
<head>
<style>
body{
  background-color:white;
}
h1,para1{
  background-color:rgb(154, 230, 154);
}
h1{
  text-align:center;
  color:darkgreen;
  font-family:algerian;
}
#para1{
  text-align:left;
  color:green;
}
.vfx{
  background-color:lightgreen;
  border-radius:8px;
  padding:14px 40px;
}

</style>
</head>

<body>
<h1>OUR PRODUCT</h1>

<p id="para1">basket.com</p>
```

```

        <image src="Screenshot (36).png" width="100%">
        search      for      vegetables:      <button      class=vfx
onclick="window.location.href      =
'file:///C:/PANTHER/PRODUCT%20PAGE/vegetable.html';">click
here</button>
        <image src="Screenshot (37).png" width="100%">
        search      for      fruits:      <button      class=vfx
onclick="window.location.href      =
'file:///C:/PANTHER/PRODUCT%20PAGE/fruits.html';">click
here</button>
        </body>

</html>

```

## Order confirmation page:

```

<html>
<style>
    body{
        background-image:
            url('bgh.jpg');
        background-repeat: no-repeat;
        background-attachment:fixed;
        background-size: 100% 100%;
    }

    .vfx{
        background-color:lightgreen;
        border-radius:8px;
        padding:14px 40px;
    }

</style>

<head>
    <link rel="stylesheet" href ="branch1.css">
</head>

```



```

<body>
  <h1>ORDER DETAILS</h1><br></br>
  <form>
    <label for="fname">NAME OF THE ORDER
: </label></br>
    <input type="text" id="fname" name="fname" value =
"Eat healthy.....Stay healthy...."><br><br><br></br>

    <label for="fname">QUANTITY :</label></br>
    <input type="number" id="fname" name="fname"
value = "in kgs"><br><br><br></br>

    <label for="fname">DATE FOR DELIVERY
: </label></br>
    <input type="date" id="fname" name="fname" value
= "dd - mm - yyyy(choose proper date)"><br><br><br></br>

    <label for="fname">BASKET PASSWORD
: </label></br>
    <input type="password" id="fname" name="fname"
value = "*****"><br><br><br></br>
  </form>

  <h1> TYPE OF ITEMS:</h1>
  <form>
    <input type="radio" id="html" name="a"
value="FRUITS">
    <label for ="html">FRUITS</label><br><br>

    <input type="radio" id="html" name="a"
value="VEGETABLES">
    <label for ="html">VEGETABLES</label><br><br>

    <input type="radio" id="html" name="a"
value="BOTH">
    <label for ="html">BOTH</label><br><br>

  </form>
</body>
<body>

  <button class = "vfx"
    onclick = "window.location.href =
'file:///C:/PANTHER/Review%205/body1.htm';">SUBMIT
  </button>

```

```
<body>
```

## Payment Page:

```
<html>
<style>
  body{
    background-image:
      url('pay.jpg');
    background-repeat: no-repeat;
    background-attachment:fixed;
    background-size: 100% 100%;
  }

  .vfx{
    border-radius:16px;
    padding:28px 80px;
  }

  .vfy{
    background-color:pink;
    border-radius:16px;
    padding:28px 80px;
  }

  .vfz{
    border-radius:16px;
    padding:28px 80px;
  }

  .vfa{
    background-color:pink;
    border-radius:16px;
    padding:28px 80px;
```

```
}
```

```
</style>
```

```
<head>
```

```
  <link rel="stylesheet" href="branch3.css">
```

```
</head>
```

```
<body>
```

```
  <h1>PAYMENT</h1><br></br>
```

```
</body>
```

```
<body>
```

```
  <button class = "vfx"
```

```
    onclick      =      "window.location.href      =
```

```
'file:///C:/PANTHER/Review%205/paytm.htm';">PAYTM
```

```
  </button><br><br></br>
```

```
  <button class = "vfy"
```

```
    onclick      =      "window.location.href      =
```

```
'file:///C:/PANTHER/Review%205/phonep.htm';">PHONEPE
```

```
  </button><br><br></br>
```

```
  <button class = "vfz"
```

```
    onclick      =      "window.location.href      =
```

```
'file:///C:/PANTHER/Review%205/upi.htm';">UPI
```

```
  </button><br><br></br>
```

```
  <button class = "vfa"
```

```
    onclick      =      "window.location.href      =
```

```
'file:///C:/PANTHER/Review%205/last2.htm';">CASH      ON  
DELIVERY
```

```
  </button>
```

```
</body>
```

## ***VI.CHAPTER 6***

## **CONCLUSION AND FUTURE SCOPE**

In conclusion, online grocery shopping has become a popular and convenient option for consumers looking to purchase their groceries. With the rise of e-commerce platforms and the increasing use of mobile devices, more and more people are opting to shop for their groceries online rather than in-store. This trend has had a significant impact on the way grocery stores do business, as they have had to adapt to this new mode of shopping.

Online grocery shopping presents both challenges and opportunities for consumers and retailers. For consumers, it offers convenience and time-saving options, as well as the ability to purchase a wider variety of products. For retailers, it provides the opportunity to reach a larger audience and to offer more sophisticated and personalized shopping experiences.

The future of online grocery shopping looks bright, with the potential for further growth and the development of new technologies and business models. While there are certainly challenges to be addressed, the benefits of online grocery shopping are clear, and it is likely to continue to play a significant role in the retail industry for years to come.

# REFERENCES

1) <https://www.w3schools.com>

2) <https://www.programiz.com>

3) Notes given suresh gupta sir

