

ONLINE GROCERY MANAGEMENT SYSTEM

A MINI PROJECT REPORT

Submitted by

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BONAFIDE CERTIFICATE

Certified that this Mini Project report “**title**” is the bonafide work of “**N.G.R. ABITHA - 913121104004 , N. AFFRIN FOWMIYA –913121104005 ,C. NANDHINI – 913121104066, S. SWETHA -913121104111**” of IV Semester **B.E Computer Science and Engineering** who carried out the project work under my supervision.

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TABLE OF CONTENTS

CHAPTER NO	TITLE	PAGE NO
	ABSTRACT	1
1.	INTRODUCTION	2
2.	ABOUT THE SYSTEM	
	2.1 EXISTING SYSTEMS	4
	2.2 NEED FOR NEW SYSTEM	4
	2.3 PROPOSED SYSTEM	4
3.	HARDWARE AND SOFTWARE REQUIREMENTS	6
4.	MODULE DESCRIPTION	
	4.1 MODULE 1 [login page]	7
	4.2 MODULE 2 [admin page]	7
	4.3 MODULE 3	7
5.	CONCLUSION	9
6.	SAMPLE CODING	10
7.	APPENDICES [output screen]	20
8.	REFERENCE	23

ABSTRACT

In the digital era, online grocery shopping has become increasingly popular due to its convenience and time-saving benefits. In response to this trend, the development of an online grocery management system is an important step towards providing customers with a streamlined and user-friendly shopping experience. The primary objective of this project is to design and implement a system that simplifies the process of purchasing and managing groceries online. The system will provide a user-friendly interface for customers to browse and purchase available products. The interface will be designed with an emphasis on ease of use, making it easy for customers to navigate and find what they are looking for.

In summary, the online grocery management system will provide a convenient and efficient platform for customers to purchase groceries online, while also providing store managers with an efficient way to manage their inventory. The overall goal of this project is to enhance the shopping experience for customers and streamline operations for grocery stores.

1.

INTRODUCTION

1.1 BACKGROUND

With the rise of online shopping, the trend has also shifted to the online purchase of groceries. Online grocery shopping offers numerous benefits, such as convenience, time-saving, and accessibility, especially for customers who have a busy schedule. This project will focus on developing an online grocery management system that allows customers to buy their groceries online.

1.2 MOTIVATION

The primary motivation behind this project is to provide a convenient and efficient platform for customers to purchase groceries online. This project aims to bridge the gap between customers and grocery stores, making the shopping experience more comfortable for both parties. The motivation behind this project is to create an online grocery management system that simplifies the process of purchasing groceries online and provides the store with an efficient way to manage their inventory, thus enhancing the customer experience.

1.3 OBJECTIVES

The objectives of the online grocery management system are to provide a user-friendly interface for customers to purchase groceries online, implement an efficient inventory management system for the store, ensure customer satisfaction through prompt delivery, and improve the overall efficiency of the grocery management process. Overall, the objectives of this project are to enhance the shopping experience for customers, streamline operations for grocery stores, and improve the efficiency of the grocery management process.

2. About the System

2.1 Existing system

Currently, many grocery stores offer online shopping options through their websites or mobile apps. However, some of these systems can be difficult to navigate and lack key features, such as real-time inventory tracking and automatic updates. Furthermore, some stores may not have online shopping options at all, which can be inconvenient for customers who prefer to shop online.

2.2 Need for New System

The need for a new online grocery management system arises from the increasing demand for online shopping and the need for an efficient and streamlined process for both customers and stores. A new system can provide customers with a more user-friendly interface, real-time inventory tracking, and secure payment options. It can also provide store managers with an efficient way to manage their inventory and orders, reducing waste and increasing efficiency.

2.3 Proposed System

The proposed system is an online grocery management system that provides customers with a user-friendly interface for purchasing groceries online. It includes features such as product browsing, order placement, and secure payment options. The system also includes an inventory management system that helps the store manage their inventory efficiently, with features such as real-time inventory tracking, automatic updates, and alerts for low-stock items. The proposed system aims to improve the shopping experience for customers and streamline operations for grocery stores, making it an efficient and convenient platform for both parties.

3. Hardware and Software Requirements

HARDWARE REQUIREMENTS:

- System : Pentium i3 Processor
- Hard Disk : 500 GB.
- Monitor : 15'' LED
- Input Devices : Keyboard, Mouse
- Ram : 2 GB

SOFTWARE REQUIREMENTS:

- Operating system : Windows 10.
- Coding Language :
- Tool : Netbeans 8.2
- Database : MYSQL

4. Module Description

4.1 USER MODULE:

In this module we develop the User part, where the new user will be registering with the all details and then login to the system. Once the user logs in, the user will be able to see the grocery catogories. If the user clicks any of it, then the available items in that particular category will appear. If the user clicks any of the products then that item will be added to the cart one by one.

4.2 CONTACT MODULE:

In this module we get input from the user with the help of a form. In this form we have various input fields to get input such as Name, Email, Address, Pincode , City, Phone number, and the product you want to order. After giving submit the information about the user and and their order will be stored in database.

4.3 BILLING MODULE:

In the Billing module ,the products that we have added to the cart will be displayed on the top. After that a bill form will be generated auto filled with the user's name, phone number, address ,the description of the product they ordered. Along with that the bill calculates the total amount to be paid by multiplying the quantity of the products that they have ordered and the rate of each item.At the bottom of the page the bill for the product will be displayed.

5.

CONCLUSION

In conclusion, the online grocery management system is a valuable addition to the grocery industry, offering a convenient and efficient way for customers to purchase groceries online while providing store managers with an efficient way to manage their inventory. The system addresses the increasing demand for online shopping options and provides a user-friendly interface for customers to browse products and complete purchases.

Moreover, the inventory management system provides real-time tracking and automatic updates, reducing waste and increasing efficiency for the store. The project aims to enhance the shopping experience for customers while streamlining operations for grocery stores, making it a promising solution for modernizing the grocery management process.

Overall, the online grocery management system has the potential to revolutionize the way people shop for groceries and meet the changing needs of the industry. With its user-friendly interface and efficient inventory management system, the proposed system is a step towards a more convenient and efficient future for grocery shopping.

6. SAMPLE CODING

SHOP.PHP:

```
<!DOCTYPE html>
<html>
<head>
  <title>GROCERY MART</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
  <link rel="stylesheet" type="text/css" href="bootstrap/css/bootstrap.css">
  <link rel="stylesheet" type="text/css" href="css/first_page.css">
  <link rel="stylesheet" href="font-awesome/font-awesome/css/font-awesome.min.css">
  <link href="https://fonts.googleapis.com/css?family=Roboto" rel="stylesheet">
  <link href="https://fonts.googleapis.com/css?family=Ubuntu" rel="stylesheet">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
  <style>
    .carousel-inner > .item > img,
    .carousel-inner > .item > a > img {
      width: 100%;
      height: 400px;
      display: block;
    }
  }
</style>
</head>
<body style="background-color: #E8F5E9;">
  <div class="container-fluid">
    <div class="nbar">
      <nav class="navbar navbar-default" style="width:100%; height:35px; background-
color:#1a1a1a; border-color: #1a1a1a;">
        <div class="container-fluid" id="navpro">
          <ul class="nav navbar-nav navbar-right">
            <li><a href="shop.php"><b style="color:
#388E3C;">Home</b></a></li>
            <li class="dropdown">
              <a href="#" class="dropdown-toggle" data-
toggle="dropdown"><b style="color: #388E3C;">Shop</b><b class="caret"></b></a>
              <ul class="dropdown-menu multi-column columns-
3">
                <div class="row" style="width: 100%;">
                  <!-- Creating Down Down Menu-->
                  <div class="multi-gd-img">
                    <ul class="multi-column-
dropdown">
                      <li><a
href="fruits.php">Fruits</a></li>
                      <li><a
```

```

href="vegetables.php">Vegetables</a></li>
                                                                    <li><a
href="dairy.php">Dairy</a></li>
                                                                    <li><a
href="cosmetics.php">Skin care & Cosmetics</a></li>
                                                                    </ul>
                                                                    </div>
                                                                    </div>
                                                                    </ul>
                                                                    </li>
                                                                    <li><a href="contact.html"><b style="color:
#388E3C;">Contact</b></a></li>
                                                                    <li><a href="login.html"><b style="color:
#388E3C;">Login</b></a></li>
                                                                    <li><a href="register.html"><b style="color: #388E3C;">Create
Account</b></a></li>
                                                                    </ul>
                                                                    </div>
                                                                    </nav>
                                                                    </div>
                                                                    <!--positioning the logo-->
                                                                    <div class="othernavbar">
                                                                    <div class="head2" style="display: flex;">
                                                                    <div class="logoup">
                                                                    
                                                                    </div>
                                                                    <div class="name" id="shopname" style="display: flex; margin-left:
600px;margin-top: -30px;">
                                                                    <h1 style="color: #388E3C;font-family: 'Ubuntu', sans-serif;">GROCERY
                                                                    <h1 style="color: #000000;font-family: 'Ubuntu', sans-
serif;">&nbsp;&nbsp;&nbsp;MART</h1>
                                                                    </div>
                                                                    </div>
                                                                    <div id="myCarousel" class="carousel slide" data-ride="carousel">
                                                                    <!-- Indicators -->
                                                                    <ol class="carousel-indicators">
                                                                    <li data-target="#myCarousel" data-slide-to="0" class="active"></li>
                                                                    <li data-target="#myCarousel" data-slide-to="1"></li>
                                                                    <li data-target="#myCarousel" data-slide-to="2"></li>
                                                                    </ol>
                                                                    <!-- Wrapper for slides -->
                                                                    <div class="carousel-inner" role="listbox">
                                                                    <div class="item active">
                                                                    
                                                                    </div>
                                                                    <div class="item">
                                                                    

```

```

        </div>

        <div class="item">
            
        </div>
    </div>
    <!-- Left and right controls -->
    <a class="left carousel-control" href="#myCarousel" role="button" data-
slide="prev">

        <span class="glyphicon glyphicon-chevron-left" aria-hidden="true"></span>
        <span class="sr-only">Previous</span>
    </a>
    <a class="right carousel-control" href="#myCarousel" role="button" data-
slide="next">

        <span class="glyphicon glyphicon-chevron-right" aria-hidden="true"></span>
        <span class="sr-only">Next</span>
    </a>
</div>

        <div class="clearfix"> </div>
    </div>
</div>
<div>
    <br>
    <!-- banner-bottom -->
        <div class="ban-bottom-w3l">
            <div class="container">
                <h1 style="width:100%; height:35px; background-color:#1a1a1a; border-color: #1a1a1a; color:#388E3C;
text-align:center;font-weight:bold;font-size:34px ">SHOP BY CATEGORY<h1>
                    <div class="col-md-6 ban-bottom3">
                        <div class="ban-top">
                            <h1 style="width:100%; height:35px; background-color:#1a1a1a; border-color: #1a1a1a;
color:#388E3C;font-size:30px; text-align:center; font-weight:bold;">FRUITS<h1>
                            <a href="fruits.php"></a>
                        </div>
                        <div class="ban-img">
                            <h1 style="width:100%; height:35px; background-color:#1a1a1a; border-color: #1a1a1a;
color:#388E3C;font-size:30px; text-align:center; font-weight:bold;">VEGETABLES<h1>
                            <div class="ban-bottom1">
                                <div class="ban-top" style="padding-top:
2em;">
                                    <a href="vegetables.php"></a>
                                </div>
                            </div>
                            <div class="ban-bottom2">
                                </div>
                                <div class="clearfix"></div>
                            </div>
                        </div>
                    <div class="col-md-6 ban-bottom3">
                        <div class="ban-top">

```

```

<h1 style="width:100%; height:35px; background-color:#1a1a1a; border-color: #1a1a1a;
color:#388E3C;font-size:30px; text-align:center; font-weight:bold;">DAIRY PRODUCTS</h1>
<a href="dairy.php"></a>
</div>
<div class="ban-img"><br>
<h1 style="width:100%; height:35px; background-color:#1a1a1a; border-color: #1a1a1a;
color:#388E3C;font-size:30px; text-align:center; font-weight:bold;">SKIN CARE & COSMETICS</h1>
<div class="ban-bottom1">
<div class="ban-top" style="padding-top:
2em;">
<a href="cosmetics.php"></a>
</div>
</div>
<div class="ban-bottom2">
</div>
<div class="clearfix"></div>
</div>
</div>
<div class="clearfix"></div>
</div>
<!--banner-bottom-->
</div>
<div class="footer">
<div class="container">
<div class="w3_footer_grids">
<div class="col-md-3 w3_footer_grid">
<h3>Contact</h3>
<ul class="address">
<li><i class="glyphicon glyphicon-envelope" aria-
hidden="true"></i><a href="mailto:info@example.com">grocerymart@gmail.com</a></li>
<li><i class="glyphicon glyphicon-earphone" aria-
hidden="true"></i>+91 9751674824</li>
</ul>
</div>
<div class="col-md-3 w3_footer_grid">
<h3>Category</h3>
<ul class="info">
<li><i class="fa fa-arrow-right" aria-hidden="true" style="color:
#388E3C;"></i><a href="fruits.php">Fruits</a></li>
<li><i class="fa fa-arrow-right" aria-hidden="true" style="color:
#388E3C;"></i><a href="vegetables.php">Vegetables</a></li>
<li><i class="fa fa-arrow-right" aria-hidden="true" style="color:
#388E3C;"></i><a href="dairy.php">Dairy</a></li>
<li><i class="fa fa-arrow-right" aria-hidden="true" style="color:
#388E3C;"></i><a href="cosmetics.php">Skin care & Cosmetics</a></li>
</ul>

```

```

        </div>
        <div class="col-md-3 w3_footer_grid">
            <h3>Profile</h3>
            <ul class="info">
                <li><i class="fa fa-arrow-right" aria-hidden="true" style="color:
#388E3C;"></i><a href="login.html">Login</a></li>
                <li><i class="fa fa-arrow-right" aria-hidden="true" style="color:
#388E3C;"></i><a href="register.html">Create Account</a></li>
            </ul>
        </div>
        <div class="clearfix"> </div>
    </div>
</div>
<div class="footer-copy">

        <div class="container">
            <p>© GROCERY MART- GROCERY SHOPPING MINI PROJECT <b
style="color: #388E3C;"></p>
        </div>
    </div>
</div>
</div>
</div>
</body>

```

CATEGORIES:

FRUITS.PHP:

```

<!DOCTYPE html>
<html>
<head>
    <title>GROCERY MART</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
    <link rel="stylesheet" type="text/css" href="bootstrap/css/bootstrap.css">
    <link rel="stylesheet" type="text/css" href="css/first_page.css">
    <link rel="stylesheet" href="font-awesome/font-awesome/css/font-awesome.min.css">
    <link href="https://fonts.googleapis.com/css?family=Roboto" rel="stylesheet">
    <link href="https://fonts.googleapis.com/css?family=Ubuntu" rel="stylesheet">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
    <style>
        .carousel-inner > .item > img,
        .carousel-inner > .item > a > img {
            width: 100%;
            height: 400px;
            display: block;
        }
    </style>
}

```

```

</style>
</head>
<body style="background-color: #E8F5E9;">
  <div class="container-fluid">
    <div class="nbar">
      <nav class="navbar navbar-default" style="width:100%; height:35px; background-
color:#1a1a1a; border-color: #1a1a1a;">
        <div class="container-fluid" id="navpro">
          <ul class="nav navbar-nav navbar-right">
            <li><a href="shop.php"><b style="color:
#388E3C;">Home</b></a></li>
            <li class="dropdown">
              <a href="#" class="dropdown-toggle" data-
toggle="dropdown"><b style="color: #388E3C;">Shop</b><b class="caret"></b></a>
              <ul class="dropdown-menu multi-column columns-
3">
                <div class="row" style="width: 100%;">
                  <!-- Creating Down Down Menu-->
                  <div class="multi-gd-img">
                    <ul class="multi-column-
dropdown">
                      <li><a
href="fruits.php">Fruits</a></li>
                      <li><a
href="vegetables.php">Vegetables</a></li>
                      <li><a
href="dairy.php">Dairy</a></li>
                      <li><a
href="cosmetics.php">Skin care & Cosmetics</a></li>
                    </ul>
                  </div>
                </div>
              </ul>
            </li>
            <li><a href="contact.html"><b style="color:
#388E3C;">Contact</b></a></li>
            <li><a href="login.html"><b style="color:
#388E3C;">Login</b></a></li>
            <li><a href="register.html"><b style="color: #388E3C;">Create
Account</b></a></li>
          </ul>
        </div>
      </nav>
    </div>
    <!--positioning the logo-->
    <div class="othernavbar">
      <div class="head2" style="display: flex;">
        <div class="logoup">
          
        </div>

```

```

        <div class="name" id="shopname" style="display: flex; margin-left:
600px;margin-top: -30px;">
            <h1 style="color: #388E3C;font-family: 'Ubuntu', sans-serif;">GROCERY
</h1>
            <h1 style="color: #000000;font-family: 'Ubuntu', sans-
serif;">&nbsp;  MART</h1>
        </div>
    </div>
    <div id="myCarousel" class="carousel slide" data-ride="carousel">
        <!-- Indicators -->
        <ol class="carousel-indicators">
            <li data-target="#myCarousel" data-slide-to="0" class="active"></li>
            <li data-target="#myCarousel" data-slide-to="1"></li>
            <li data-target="#myCarousel" data-slide-to="2"></li>
            <li data-target="#myCarousel" data-slide-to="3"></li>
            <li data-target="#myCarousel" data-slide-to="4"></li>
        </ol>
        <div class="newproducts-w3agile">
            <div class="container">
                <h3 style="font-weight: bold;font-size: 40px;">FRUITS</h3>
                <!--Products added from here-->
            <div class="products">
                <div class="container">
                    <div class="agile_top_brands_grids">
                        <div class="col-md-4 top_brand_left">
                            <div class="hover14 column">
                                <div class="agile_top_brand_left_grid">
                                    <div class="agile_top_brand_left_grid1">
                                        <figure>
                                            <div class="snipcart-item block">
                                                <div class="snipcart-thumb">
                                                    <a
href="single.html"></a>
                                                    <p>APPLE</p>
                                                    <h4>1 KG</H4>
                                                    <h4>INR 200</h4>
                                                </div>
                                            </div>
                                        </figure>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                    <div class="col-md-4 top_brand_left">
                        <div class="hover14 column">
                            <div class="agile_top_brand_left_grid">
                                <div class="agile_top_brand_left_grid1">
                                    <figure>
                                        <div class="snipcart-item block">
                                            <div class="snipcart-thumb">
                                                <a

```



```

href="single.html"></a>
                                <p>MANGO</p>
                                <h4>1 KG</H4>
                                <h4>INR 150</h4>
                                </div>
                                </div>
                                </figure>
                                </div>
                                </div>
                                </div>
                                </div>
                                </div>
                                <div class="col-md-4 top_brand_left">
                                <div class="hover14 column">
                                <div class="agile_top_brand_left_grid">
                                <div class="agile_top_brand_left_grid1">
                                <figure>
                                <div class="snipcart-item block">
                                <div class="snipcart-thumb">
                                <a
href="single.html"></a>
                                <p>ORANGE</p>
                                <h4>1 KG</H4>
                                <h4>INR 120</h4>
                                </div>
                                </div>
                                </figure>
                                </div>
                                </div>
                                </div>
                                </div>
                                <div class="clearfix"> </div>
                                </div>
                                <div class="agile_top_brands_grids">
                                <div class="col-md-4 top_brand_left">
                                <div class="hover14 column">
                                <div class="agile_top_brand_left_grid">
                                <div class="agile_top_brand_left_grid1">
                                <figure>
                                <div class="snipcart-item block">
                                <div class="snipcart-thumb">
                                <a
href="single.html"></a>
                                <p>GUAVA</p>
                                <h4>1 KG</H4>
                                <h4>INR 80</h4>
                                </div>
                                </div>
                                </figure>
                                </div>
                                </div>
                                </div>
                                </div>
                                </div>

```

```

        </div>
        <div class="col-md-4 top_brand_left">
            <div class="hover14 column">
                <div class="agile_top_brand_left_grid">
                    <div class="agile_top_brand_left_grid1">
                        <figure>
                            <div class="snipcart-item block">
                                <div class="snipcart-thumb">
                                    <a
href="single.html"></a>
                                <p>GRAPES</p>
                                <h4>1 KG</H4>
                                <h4>INR 100</h4>
                            </div>
                        </div>
                    </figure>
                </div>
            </div>
        </div>
        <div class="col-md-4 top_brand_left">
            <div class="hover14 column">
                <div class="agile_top_brand_left_grid">
                    <div class="agile_top_brand_left_grid1">
                        <figure>
                            <div class="snipcart-item block">
                                <div class="snipcart-thumb">
                                    <a
href="single.html"></a>
                                <p>STRAWBERRY</p>
                                <h4>1 KG</H4>
                                <h4>INR 130</h4>
                            </div>
                        </div>
                    </figure>
                </div>
            </div>
        </div>
        <div class="clearfix"> </div>
    </div>
    <br>
    <form method="post" action="<?php echo $_SERVER['PHP_SELF']; ?>">
    <label>name:</label>
    <input type="text" name="name"><br><br>
    <label>phoneno:</label>
    <input type="text" name="phoneno"><br><br>
    <label>address:</label>
    <input type="text" name="address"><br><br>
    <label>fruit name:</label>

```

```

<input type="text" name="fname"><br><br>
<label>quantity:</label>
<input type="number" name="quantity"><br><br>
<label>weight:</label>
<input type="number" name="weight"><br><br>
<label>price:</label>
<input type="number" name="price"><br><br>
<input type="submit" name="submit" value="add to cart"><br>

<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $fname = $_POST['fname'];
    $quantity = $_POST['quantity'];
    $weight=$_POST['weight'];
    $price=$_POST['price'];
    $total=(int)$price*(int)$quantity;
    $name= $_POST['name'];
    $phone= $_POST['phoneno'];
    $address= $_POST['address'];
    echo "*****BILL FOR THE
CUSTOMER*****","<br>";
    echo "name:",$name,"<br>";
    echo "phone:",$phone,"<br>";
    echo "fruit name:",$fname,"<br>";
    echo "quantity:",$quantity,"<br>";
    echo "total:",$total,"<br>";
    echo
    "*****","<br>";
;
    if (empty($fname) || empty($quantity)||empty($price)||empty($name)||empty($phone)||empty($address)) {
        echo "All fields are required.";
    }
    else {
        // Connect to MySQL database
        $servername = "localhost:3307";
        $username = "root";
        $password = "";
        $dbname = "dbmsproject";
        $conn = new mysqli($servername, $username, $password, $dbname);
        if ($conn->connect_error) {
            die("Connection failed: " . $conn->connect_error);
        }
        $sql = "INSERT INTO customer(customer_name,phone_no,address,product_name,total_cost) VALUES
('$name', '$phone', '$address','$fname','$total)";
        $sqli="INSERT INTO
product(product_name,quantity,weight,total_cost)VALUES('$fname','$quantity','$weight','$total)";
        if ($conn->query($sql) & $conn->query($sqli) === TRUE) {
            echo "fruits are ready for delivery.";
        } else {
            echo "Error: " . $sql . "<br>" . $conn->error;
        }
    }
}

```

```

$conn->close();
}
}
?>

<!--Footer Begins here-->
<div class="footer">
<div class="container">
<div class="w3_footer_grids">
<div class="col-md-3 w3_footer_grid">
<h3>Contact</h3>
<ul class="address">
<li><i class="glyphicon glyphicon-envelope" aria-
hidden="true"></i><a href="mailto:info@example.com">grocerymart@gmail.com</a></li>
<li><i class="glyphicon glyphicon-earphone" aria-
hidden="true"></i>+91 9751674824</li>
</ul>
</div>
<div class="col-md-3 w3_footer_grid">
<h3>Category</h3>
<ul class="info">
<li><i class="fa fa-arrow-right" aria-hidden="true" style="color:
#388E3C;"></i><a href="fruits.php">Fruits</a></li>
<li><i class="fa fa-arrow-right" aria-hidden="true" style="color:
#388E3C;"></i><a href="vegetables.php">Vegetables</a></li>
<li><i class="fa fa-arrow-right" aria-hidden="true" style="color:
#388E3C;"></i><a href="dairy.php">Dairy</a></li>
<li><i class="fa fa-arrow-right" aria-hidden="true" style="color:
#388E3C;"></i><a href="cosmetics.php">Skin care & Cosmetics</a></li>
</ul>
</div>
<div class="col-md-3 w3_footer_grid">
<h3>Profile</h3>
<ul class="info">
<li><i class="fa fa-arrow-right" aria-hidden="true" style="color:
#388E3C;"></i><a href="login.html">Login</a></li>
<li><i class="fa fa-arrow-right" aria-hidden="true" style="color:
#388E3C;"></i><a href="register.html">Create Account</a></li>
</ul>
</div>
<div class="clearfix"> </div>
</div>
</div>
<div class="footer-copy">
<div class="container">
<p>© GROCERY MART- GROCERY SHOPPING MINI PROJECT <b
style="color: #388E3C;"></p>
</div>
</body>
</html>

```

REGISTER.HTML:

```
<!DOCTYPE html>
<head>
<link rel="stylesheet" type="text/css" href="login.css" media="screen" />
<title>GROCERY MART</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="bootstrap/css/bootstrap.css">
<link rel="stylesheet" type="text/css" href="css/login.css">
<link rel="stylesheet" href="font-awesome/font-awesome/css/font-awesome.min.css">
<link href="https://fonts.googleapis.com/css?family=Roboto" rel="stylesheet">
<link href="https://fonts.googleapis.com/css?family=Ubuntu" rel="stylesheet">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<style>

    footer{

        position:fixed;
        left:0px;
        bottom:0px;
        height:80px;
        width:100%;
        background:#999;
        }
        p > a{
        font-weight: bold;
        font-size: 25px;
        float: right;
        }

    label{
    color: black;
    }
    input{
border-radius: 0px 5px 5px 0px;
    border: 1px solid #eee;
    height: 30px;
    padding: 0px 15px;
    width: 100%;
    }
    p span{
    color: #F093B5;
    }
</style>

</head>
<!--*****-->
<!--Body begins here-->
```

```

<body style="background-color: #E8F5E9;">

<div class="othernavbar">
  <div class="head2" style="display: flex;">
    <div class="logoup">
      
    </div>

    <div class="name" id="shopname" style="display: flex; margin-left: 600px;margin-top: -30px;">
      <h1 style="color: #388E3C;font-family: 'Ubuntu', sans-serif;">GROCERY </h1>
      <h1 style="color: #000000;font-family: 'Ubuntu', sans-serif;">&nbsp;MART</h1>
    </div>
  </div>

  <div class="row" id="row1">
    <div id="welcome" class="header">SIGN UP!</div>
    <!--User name and Password-->
    <div>
      <div id="form-main">
        <div id="form-div">
          <!--*****-->
          <form method="post" class="minimal">
            <label for="username">
              Username:
              <input type="text" name="username" id="username" placeholder="Enter username" pattern="^[a-zA-Z][a-zA-Z0-9-_.]{8,20}$" required="required" />
              <p><span>* Must be between 8 to 20 characters</span></p>
            </label>
            <label for="password">
              Password:
              <input type="password" name="password" id="password" placeholder="Enter password"
              pattern="(?=^.{8,}$)((?=.*\d)(?=.*\W+))(?![\.\n])(?=.*[A-Z])(?=.*[a-z]).*$" required="required" />
              <p><span>* Must contain 1 uppercase, lowercase and number</span></p>
            </label>
            <br>
            <label for="Confirm password">
              Confirm Password:
              <input type="password" placeholder="Confirm Password" id="confirm_password" required>
            <br>
            <br>
            <button type="submit" onclick="return Validate()">Create Account</button>
          </form>
        </div>
      </div>
    </div>
    <script type="text/javascript">
      function Validate() {
        var password = document.getElementById("password").value;
        var confirmPassword = document.getElementById("confirm_password").value;
        if (password != confirmPassword) {
          alert("Passwords do not match.");
          return false;
        }
      }
    </script>
  </div>

```

```

    }
    else{
        alert("Form Submitted");
    }
    return true;
}
</script>
<!--*****-->
    </div>
</div>
</div>
</div>
</div>
</body>

```

LOGIN.HTML:

```

<!DOCTYPE html>
<head>
<link rel="stylesheet" type="text/css" href="login.css" media="screen" />
<title>GROCERY MART</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="bootstrap/css/bootstrap.css">
<link rel="stylesheet" type="text/css" href="css/login.css">
<link rel="stylesheet" href="font-awesome/font-awesome/css/font-awesome.min.css">
<link href="https://fonts.googleapis.com/css?family=Roboto" rel="stylesheet">
<link href="https://fonts.googleapis.com/css?family=Ubuntu" rel="stylesheet">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<style>

    footer{

        position:fixed;
        left:0px;
        bottom:0px;
        height:80px;
        width:100%;
        background:#999;
        }
        p > a{
        font-weight: bold;
        font-size: 25px;
        float: right;
        }

    label{
        color: black;
        }
    input{

```

```

border-radius: 0px 5px 5px 0px;
border: 1px solid #eee;
height: 30px;
padding: 0px 15px;
width: 100%;
}
p span{
color: #F093B5;
}
</style>
<script type="text/javascript">
function message(){
alert("Valid Username and Password. Backend in review 2");
}
</script>

</head>
<!--*****-->
<!--Body begins here-->
<body style="background-color: #E8F5E9;">

<div class="othernavbar">
<div class="head2" style="display: flex;">
<div class="logoup">

</div>

<div class="name" id="shopname" style="display: flex; margin-left: 600px;margin-top: -30px;">
<h1 style="color: #388E3C;font-family: 'Ubuntu', sans-serif;">GROCERY </h1>
<h1 style="color: #000000;font-family: 'Ubuntu', sans-serif;">&nbsp;MART</h1>
</div>
</div>

<div class="row" id="row1">
<div id="welcome" class="header">A one stop shop for all your needs.</div>
<!--User name and Password-->
<div>
<div id="form-main">
<div id="form-div">
<!--*****-->
<form method="post" class="minimal">
<label for="username">
Username:
<input type="text" name="username" id="username" placeholder="Enter username" pattern="^[a-zA-Z][a-zA-Z0-9-_.]{8,20}$" required="required" />
<p><span>* Must be between 8 to 20 characters</span></p>
</label>
<label for="password">
Password:
<input type="password" name="password" id="password" placeholder="Enter password"

```



```

pattern="(?!^.{8,}$)((?!.*\d)(?!.*\W+))(?![\.\n])(?!.*[A-Z])(?!.*[a-z]).*$" required="required" />
    <p><span>* Must contain 1 uppercase, lowercase and number</span></p>
</label>
<br>
<button type="submit" onsubmit="message();">Login</button>
</form>
<!--*****-->
    </div>
</div>
</div>
</div>
</div>
</div>
</body>

```

CONTACT.HTML:

```

<!DOCTYPE html>
<html>
<head>
    <title>Place your order</title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>

<body>
<h1>Grocery Store Contact Form.</h1>
<form>
    <h1>Contact Us</h1>
<div class="contentform">
    <div id="sendmessage"> <p class="tag-line">Enter your order here. Thank you. </p> </div>
    <div class="leftcontact">
        <div class="form-group">
            <p>Name <span>*(alphabets only)</span></p>
            <input type="text" name="prename" id="prename" required placeholder="Enter your Name"
pattern="[A-Za-z]+" />

            </div>
<!-- End of form-group class 1-->

            <div class="form-group">
                <p>E-mail <span>*</span></p>
                <input type="email" name="email" id="email" required placeholder="Enter your email"
pattern="[a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$" />
            </div>
<!-- End of form-group class 2-->

            <div class="form-group">
                <p> Address <span>*</span></p>
                <input type="text" name="adresse" id="adresse" required placeholder="Enter the address" />

            </div>
<!-- End of form-group class 3-->

```

```

    <div class="form-group">
    <p>Pincode <span>*</span></p>
        <input type="text" name="postal" id="postal" required placeholder="Enter Pincode" pattern="^[1-9][0-9]{5}$"/>

    </div>
<!-- End of form-group class 4-->

</div>

<div class="rightcontact">

    <div class="form-group">
    <p>City<span>*</span></p>
        <input type="text" name="ville" id="ville" required placeholder="Enter City" pattern="[A-Za-z]+" />

    </div>
<!-- End of form-group class 5-->

    <div class="form-group">
    <p>Phone number <span>*</span></p>

        <input type="text" name="phone" id="phone" maxlength="10" required placeholder="Enter Phone Number" pattern="^[1-9][0-9]{9}$" />

    </div>
<!-- End of form-group class 6-->


    <div class="form-group">
    <p>Order here <span>*</span></p>

        <textarea name="message" rows="14" required placeholder="Enter the products you wish to order"
"></textarea>

<!-- End of form-group class 7-->
</div><!-- End of Rightcontact class-->
<!--End of the form-->
</div>

<button type="submit" class="bouton-contact">Send</button>
</form>
</body>
</html>

```

7. APPENDICES

HOME PAGE:




FRUITS.PHP:


GM

GROCERY MART


FRUITS




APPLE
1 KG
INR 200




MANGO
1 KG
INR 150




ORANGE
1 KG
INR 120



GUAVA



GRAPES




STRAWBERRY

VEGETABLES.PHP:


GM

GROCERY MART


VEGETABLES



CARROT
1 KG
INR 45



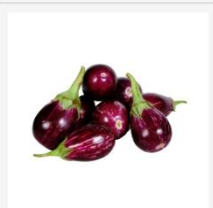
POTATO
1 KG
INR 60



ONION
1 KG
INR 50



TOMATO



BRINJAL



BETROOT

DAIRY.PHP:



GROCERY MART

DAIRY PRODUCTS



MILKY MIST PANEER
1 KG
INR 90



AMUL MILK
1 L
INR 40



AMUL BUTTER
1 KG
INR 90



ARUN ICE CREAM



RKG GHEE



CAVIN'S MILKSHAKE

COSMETICS.PHP:



GROCERY MART

COSMETICS



PLUM FACEWASH
INR 450



MIRACLE FACESHEET
INR 119



YARLEY-PERFUME
INR 299



NIVEA MOISTURIZER
INR 100



PONDS TALCUM POWDER
INR 90



LAKME CC CREAM
INR 160

CONTACT.HTML:

Grocery Store Contact Form.

Contact Us

Enter your order here. Thank you.

Name ***(alphabets only)**

Enter your Name

E-mail *****

Enter your email

Address *****

Enter the address

Pincode *****

Enter Pincode

City*****

Enter City

Phone number *****

Enter Phone Number

Order here *****

Enter the products you wish to order

Send

LOGIN.HTML:

GM

GROCERY MART

A one stop shop for all your needs.

Username:

Enter username

*** Must be between 8 to 20 characters**


Password:

Enter password

*** Must contain 1 uppercase, lowercase and number**

Login

SIGNUP.HTML:



GROCERY MART

SIGN UP!

Username:

* Must be between 8 to 20 characters

Password:

* Must contain 1 uppercase, lowercase and number

Confirm Password:

Create Account

BILL:

GUAVA

1 KG

INR 80

GRAPES

1 KG

INR 100

STRAWBERRY

1 KG

INR 130

name:

phoneno:

address:

fruit name:

quantity:

weight:

price:

add to cart

*****BILL FOR THE CUSTOMER*****

name:Swetha
phone:9444688163
fruit name:APPLE
quantity:1
total:200

fruits are ready for delivery.

CONTACT

CATEGORY

PROFILE

8. REFERENCES

- [1] Murach's Java Servlets and JSP, 3rd Edition
- [2] Head First Servlet and JSP-OREILLY
- [3] Apache, and MySQL Web Development (Programmer to Programmer) by Elizabeth Narmore
- [4] MySQL Website Programming: Problem - Design Solution by Chris Lea, Mike Buzzard, Dilip Thomas, Jesse White-Cinis2, Apache, and
- [5] MySQL Web Development (Programmer to Programmer) by Elizabeth Narmore3. MySQL/PHP Database Applications, 2nd Edition by Brad Bulger