

Online Bakery Management System

Team Members

RA1711003011235 - Tejan Preet Singh Sarna

RA1711003011265 - Akankshya Mohanty

RA1711003011283 – Bharat

Brief introduction

Now that your bakery is up and running, let's dig a little deeper into the Bakery Management System.

An online Bakery shop that allows users to check for various bakery products available at the online store and purchase online. The main motto of computerized bakery system is to make the workflow flexible and to improve the services provided to the customers. The project consists of list of bakery products displayed in various categories. The user may browse through these items as per categories. If the user likes a product he may add it to his shopping cart. Once user wishes to checkout he must register on the site first. He can then login using same id password next time. Thus, the online Bakery shopping project brings an entire bakery shop online and makes it easy for both buyer and seller.

Module Description

User Registration: User can register on the system and get his online account on site. This helps user to store his details for future login and orders.

User Login: User can login to system and check various bakery items. Without login user cannot order or add items to cart.

Product Categories: The bakery products are arranged and can be viewed in categories.

Add to cart: Users can add new items to cart.

The objective of this development effort is:

- To provide the information regarding Bakery Products.
- To provide the information about the Bakery Products along with their rates.
- Online Users can place their orders by giving their details such as their contact address etc.
- Admin can make changes in the database to reflect on the website.
- To provide the facility to maintain the records of users.
- Information can be easily accessed.
- This system will save the time of the Users.

System Requirements (Software and hardware used)

Hardware

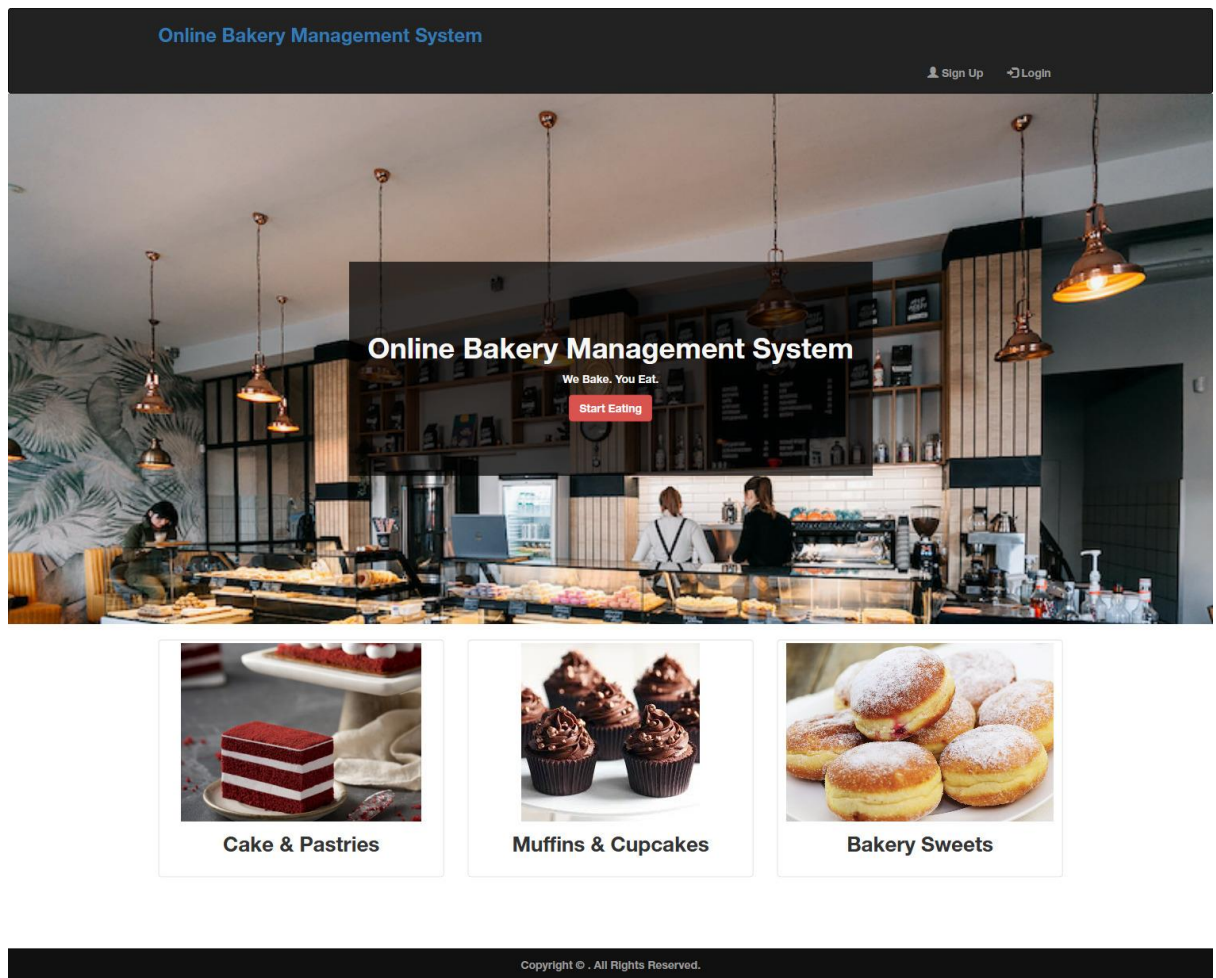
- Running windows/linus or any other OS
- Have 100mb storage for project
- Supports browser

Software

- Xampp/Wamp
- Browser (chrome/edge/firefox)

System Architecture Output screen shots

Landing page



Online Bakery Management System

Sign Up

Login

Chocolate Caramel Fudge Cake

Price: Rs. 600.00

Buy Now

Chocolate Surprise Cake

Price: Rs. 800.00

Buy Now

Vanila Pastry

Price: Rs. 25.00

Buy Now

Black Forest Pastry

Black Forest Pastry

Price: Rs. 50.00

Buy Now

Vanilla Cupcake

Price: Rs. 20.00

Buy Now

Chocolate Cupcake

Price: Rs. 30.00

Buy Now

Blueberry Muffin

Price: Rs. 30.00

Buy Now

Chocochip Muffin

Price: Rs. 35.00

Buy Now

Chocolate Waffle

Price: Rs. 80.00

Buy Now

GingerBreaf Waffle

Price: Rs. 70.00

Buy Now

Chocolate Frosted Doughnut

Price: Rs. 65.00

Buy Now

Sugar Coated Donut

Price: Rs. 50.00

Buy Now

Copyright © . All Rights Reserved.

Login Page

Online Bakery Management System

Sign Up

Login

LOGIN

Login to make a purchase.

Email

Login

Don't have an account yet? [Register](#)

Copyright © . All Rights Reserved.

Sign Up

Online Bakery Management System

Sign Up

Login

SIGN UP

Name

Email

Password(min. 6 characters)

Contact

City

Address

Sign Up

Copyright © . All Rights Reserved.

Database

The image displays two screenshots of the phpMyAdmin web interface, demonstrating database management tasks.

Top Screenshot: Query Results

The top screenshot shows the 'Query results' tab. The SQL query executed is `SELECT * FROM `items``. The results show 12 rows of data from the 'items' table. The table has columns: id, name, and price.

id	name	price
1	Chocolate Caramel Fudge Cake	600
2	Chocolate Surprise Cake	800
3	Vanilla Pastry	25
4	Black Forest Pastry	30
5	Vanilla Cupcake	20
6	Chocolate Cupcake	30
7	Blueberry Muffin	30
8	Chocochip Muffin	35
9	Chocolate Waffle	80
10	Gingerbread Waffle	80
11	Chocolate Frosted Doughnut	65
12	Sugar Coated Donut	50

Bottom Screenshot: Table Structure

The bottom screenshot shows the 'Table structure' tab for the 'items' table. The table has 7 columns: id, name, email, password, contact, city, and address. The 'id' column is the primary key.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No			AUTO_INCREMENT	Change Drop More
2	name	varchar(255)	latin1_swedish_ci		No				Change Drop More
3	email	varchar(255)	latin1_swedish_ci		No				Change Drop More
4	password	varchar(255)	latin1_swedish_ci		No				Change Drop More
5	contact	varchar(255)	latin1_swedish_ci		No				Change Drop More
6	city	varchar(255)	latin1_swedish_ci		No				Change Drop More
7	address	varchar(255)	latin1_swedish_ci		No				Change Drop More

The 'Indexes' section shows the primary key index on the 'id' column.

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	id	0	A	No	

The 'Partitions' section shows 'No partitioning defined'.

The 'Information' section shows the table's size and format.

Data	Index	Format	Collation	Next autoindex
14.0 KB	0 B	dynamic	latin1_swedish_ci	13

Some Codes with the file names

Index.php

```
<?php
session_start();
?>
<!DOCTYPE html>
<html>
    <head>
        <link rel="shortcut icon" href="img/Bakery.jpg" />
        <title>Online Bakery Management System</title>
        <meta charset="UTF-8">
        <link rel="stylesheet" href="css/style.css" type="text/css">
    </head>
    <body>
        <div>
            <?php
                require 'header.php';
            ?>
            <div id="bannerImage">
                <div class="container">
                    <center>
                        <div id="bannerContent">
                            <h1>Online Bakery Management System</h1>
                            <p>We Bake. You Eat.</p>
                            <a href="products.php" class="btn btn-danger">Start Eating</a>
                        </div>
                    </center>
                </div>
            </div>
            <div class="container">
                <div class="row">
                    <div class="col-xs-4">
                        <div class="thumbnail">
                            <a href="products.php">
                                
                            </a>
                            <center>
                                <div class="caption">
                                    <p id="autoResize">Cake & Pastries</p>
                                </div>
                            </center>
                        </div>
                    </div>
                    <div class="col-xs-4">
                        <div class="thumbnail">
                            <a href="products.php">
                                
                            </a>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </body>
</html>
```

```

        </a>
        <center>
            <div class="caption">
                <p id="autoResize">Muffins & Cupcakes</p>
            </div>
        </center>
    </div>
</div>
<div class="col-xs-4">
    <div class="thumbnail">
        <a href="products.php">
            
        </a>
        <center>
            <div class="caption">
                <p id="autoResize">Bakery Sweets</p>
            </div>
        </center>
    </div>
</div>
</div>
<br><br> <br><br><br><br>
<footer class="footer">
    <div class="container">
        <center>
            <p>Copyright &copy; . All Rights Reserved.</p>
        </center>
    </div>
</footer>
</div>
</body>
</html>

```

Login.php

```

<?php
    require 'connection.php';
    session_start();
?>
<!DOCTYPE html>
<html>
    <head>
        <link rel="shortcut icon" href="img/Bakery.jpg" />
        <title>Online Bakery Managmenet System</title>
        <meta charset="UTF-8">
        <link rel="stylesheet" href="css/style.css" type="text/css">
    </head>
    <body>

```

```

<div>
    <?php
        require 'header.php';
    ?>
    <br><br><br>
    <div class="container">
        <div class="row">
            <div class="col-xs-6 col-xs-offset-3">
                <div class="panel panel-primary">
                    <div class="panel-heading">
                        <h3>LOGIN</h3>
                    </div>
                    <div class="panel-body">
                        <p>Login to make a purchase.</p>
                        <form method="post" action="login_submit.php">
                            <div class="form-group">
                                <input type="email" class="form-
control" name="email" placeholder="Email" pattern="[a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$">
                            </div>
                            <div class="form-group">
                                <input type="password" class="form-
control" name="password" placeholder="Password(min. 6 characters)" pattern=".{6,}">
                            </div>
                            <div class="form-group">
                                <input type="submit" value="Login" class="btn btn-primary">
                            </div>
                        </form>
                    </div>
                    <div class="panel-
footer">Don't have an account yet? <a href="signup.php">Register</a></div>
                </div>
            </div>
        </div>
        <br><br><br><br><br>
        <footer class="footer">
            <div class="container">
                <center>
                    <p>Copyright &copy; . All Rights Reserved.</p>
                </center>
            </div>
        </footer>
    </div>
</body>
</html>

```

Connection.php


```

<?php
$con=mysqli_connect("localhost","root","","store") or die(mysqli_error($con));
//$con=mysqli_connect("localhost","root","","store") or die(mysqli_error($con));
?>

```

Header.php

```

<nav class="navbar navbar-inverse navbar-fixed-top">

    <div class="container">

        <h3><a href="index.php">Online Bakery Management System</a></h3>

        <div class="navbar-header">
            <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">

                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>
        </div>

        <div class="collapse navbar-collapse" id="myNavbar">

            <ul class="nav navbar-nav navbar-right">
                <?php
                if(isset($_SESSION['email'])){
                    ?>
                    <li><a href="cart.php"><span class="glyphicon glyphicon-shopping-
cart"></span> Cart</a></li>
                    <li><a href="settings.php"><span class="glyphicon glyphicon-
cog"></span> Settings</a></li>
                    <li><a href="logout.php"><span class="glyphicon glyphicon-log-
out"></span> Logout</a></li>
                    <?php
                }else{
                    ?>
                    <li><a href="signup.php"><span class="glyphicon glyphicon-
user"></span> Sign Up</a></li>
                    <li><a href="login.php"><span class="glyphicon glyphicon-log-
in"></span> Login</a></li>
                    <?php
                }
                ?>
            </ul>
        </div>
    </div>
</nav>

```

Style.css

```
.navbar{
    margin-bottom: 0px;
}

#bannerImage{
    padding-top:75px;
    padding-bottom:50px;
    margin-bottom: 20px;
    text-align:center;
    color:#f8f8f8;
    background:url(../img/intro-bg_1.jpg);
    background-size:cover;
}

#bannerContent{
    position:relative;
    padding-top:6%;
    padding-bottom:6%;
    margin-top:12%;
    margin-bottom:12%;
    background-color:rgba(0,0,0,0.7);
    max-width:660px;
}

footer{
    background-color:#101010;
    color:#9d9d9d;
    font-size:14px;
    font-weight:bold;
    padding:10px;
    bottom:0;
}

html {
    min-height:100%;
    position:relative;
}
```

```
.footer {
    position: absolute;
    bottom:0;
    right:0;
    left:0;
}

.thumbnail img{
    height: 225px;
    max-height: 225px;
    width: auto;
}

@media (min-width:320px){
    #autoResize{
        font-size:12px;
    }
}

@media (min-width:481px){
    #autoResize{
        font-size:16px;
    }
}

@media (min-width:641px){
    #autoResize{
        font-size:18px;
    }
}

@media (min-width:961px){
    #autoResize{
        font-size:20px;
    }
}

@media (min-width:1000px){
    #autoResize{
        font-size:26px;
    }
}
```

Store.sql

```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET AUTOCOMMIT = 0;
START TRANSACTION;
SET time_zone = "+00:00";
CREATE TABLE `items` (
```

```

    `id` int(11) NOT NULL,
    `name` varchar(255) NOT NULL,
    `price` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

INSERT INTO `items` (`id`, `name`, `price`) VALUES
(1, 'Chocolate Caramel Fudge Cake', 600),
(2, 'Chocolate Surprise Cake', 800),
(3, 'Vanila Pastry', 25),
(4, 'Black Forest Pastry', 30),
(5, 'Vanilla Cupcake', 20),
(6, 'Chocolate Cupcake', 30),
(7, 'Blueberry Muffin', 30),
(8, 'Chocochip Muffin', 35),
(9, 'Chocolate Waffle', 80),
(10, 'GingerBreaf Waffle', 80),
(11, 'Chocolate Frosted Doughnut', 65),
(12, 'Sugar Coated Donut', 50);

CREATE TABLE `users` (
  `id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `email` varchar(255) NOT NULL,
  `password` varchar(255) NOT NULL,
  `contact` varchar(255) NOT NULL,
  `city` varchar(255) NOT NULL,
  `address` varchar(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

INSERT INTO `users` (`id`, `name`, `email`, `password`, `contact`, `city`, `address`) VALUES
(4, 'Tejan Singh', 'tejan.preet@gmail.com', 'Tej*12#', '9876543210', 'jaiur', 'secret'),
(5, 'Tejan', 'tejan@gmail.com', 'Tej*12#', '9876543210', 'jaipur', 'jaiput');

CREATE TABLE `users_items` (
  `id` int(11) NOT NULL,
  `user_id` int(11) NOT NULL,
  `item_id` int(11) NOT NULL,
  `status` enum('Added to cart','Confirmed') NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

INSERT INTO `users_items` (`id`, `user_id`, `item_id`, `status`) VALUES
(7, 3, 3, 'Added to cart'),
(8, 3, 4, 'Added to cart'),
(9, 3, 5, 'Added to cart'),
(10, 3, 11, 'Added to cart'),
(11, 1, 9, 'Added to cart'),
(12, 1, 2, 'Added to cart'),
(13, 1, 8, 'Added to cart'),
(14, 4, 2, 'Confirmed'),
(18, 5, 11, 'Added to cart'),
(20, 5, 5, 'Added to cart');

ALTER TABLE `items`

```

```

    ADD PRIMARY KEY (`id`);
ALTER TABLE `users`
    ADD PRIMARY KEY (`id`);
ALTER TABLE `users_items`
    ADD PRIMARY KEY (`id`),
    ADD KEY `user_id` (`user_id`,`item_id`),
    ADD KEY `item_id` (`item_id`);
ALTER TABLE `items`
    MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=13;
ALTER TABLE `users`
    MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=6;
ALTER TABLE `users_items`
    MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=22;
ALTER TABLE `users_items`
    ADD CONSTRAINT `users_items_ibfk_1` FOREIGN KEY (`user_id`) REFERENCES `users` (`id`),
    ADD CONSTRAINT `users_items_ibfk_2` FOREIGN KEY (`item_id`) REFERENCES `items` (`id`);
COMMIT;

```

Signup.php

```

<?php
    require 'connection.php';
    session_start();
    if(isset($_SESSION['email'])){
        header('location: products.php');
    }
?>

<!DOCTYPE html>
<html>
    <head>
        <link rel="shortcut icon" href="img/bakery.png" />
        <title>Online Bakery Management System</title>
        <meta charset="UTF-8">
        <link rel="stylesheet" href="css/style.css" type="text/css">
        <script href="validation.js"></script>
    </head>
    <body>
        <div>
            <?php
                require 'header.php';
            ?>
            <br><br>
            <div class="container">
                <div class="row">
                    <div class="col-xs-4 col-xs-offset-4">
                        <h1><b>SIGN UP</b></h1>
                        <form name="myForm" method="post" onsubmit="return validation();" action="user_registration_script.php">

```

```

        <div class="form-group">
            <input type="text" class="form-
control" name="name" placeholder="Name" required="true">
        </div>
        <div class="form-group">
            <input type="email" class="form-
control" name="email" placeholder="Email" required="true" pattern="[a-z0-9._%+-]+@[a-z0-9.-]+\.[a-
z]{2,3}$">
        </div>
        <div class="form-group">
            <input type="password" class="form-
control" name="password" placeholder="Password(min. 6 characters)" required="true" pattern=".{6,}">
        </div>
        <div class="form-group">
            <input type="tel" class="form-
control" name="contact" placeholder="Contact" required="true">
        </div>
        <div class="form-group">
            <input type="text" class="form-
control" name="city" placeholder="City" required="true">
        </div>
        <div class="form-group">
            <input type="text" class="form-
control" name="address" placeholder="Address" required="true">
        </div>
        <div class="form-group">
            <input type="submit" class="btn btn-primary" value="Sign Up">
        </div>
    </form>
</div>
</div>
<br><br><br><br><br><br>
<footer class="footer">
    <div class="container">
        <center>
            <p>Copyright &copy; . All Rights Reserved.</p>
        </center>
    </div>
</footer>

</div>
</body>
</html>

```

Register.php

```
<?php
```

```

$servername="127.0.0.1";
$dbname="store";
$conn=new mysqli($servername,"root","", $dbname);
if($conn->connect_error)
{
    die("connection failed:".$conn->connect_error);
}
else
{
    extract($_POST);
}
if(isset($_POST['submit']))
{
    $terms=$_POST['terms1'];
    $t1="";
    foreach($terms as $t)
    {
        $t1.=$t.", ";
    }
}
$name=$_POST["Username"];
$password=$_POST["Password"];
$email=$_POST["emailid"];
$contact=$_POST["Phone"];
$city=$_POST["city"];
$add=$_POST["Address"];
$sql="INSERT INTO users(name, email, password, contact, city, address) VALUES('$name','$email','$password','$contact','$city','$add')";
if($conn->query($sql) == TRUE)
{
    header('Location:login.html');
    echo "success";
    exit();
}
else{
    header("Location:register.php?msg=failed");
    exit();
}
$conn->close();

```

Cart.php

```

<?php
    session_start();
    require 'connection.php';
    if(!isset($_SESSION['email'])){
        header('location: login.php');
    }
    $user_id=$_SESSION['id'];

```

```

        $user_products_query="select it.id,it.name,it.price from users_items ut inner join items it on it.
id=ut.item_id where ut.user_id='$user_id'";
        $user_products_result=mysqli_query($con,$user_products_query) or die(mysqli_error($con));
        $no_of_user_products= mysqli_num_rows($user_products_result);
        $sum=0;
        if($no_of_user_products==0){
            //echo "Add items to cart first.";
        }
        ?>
        <script>
        window.alert("No items in the cart!!");
        </script>
        <?php
        }else{
            while($row=mysqli_fetch_array($user_products_result)){
                $sum=$sum+$row['price'];
            }
        }
    }
    ?>
<!DOCTYPE html>
<html>
    <head>
        <link rel="shortcut icon" href="img/lifestyleStore.png" />
        <meta charset="UTF-8">
        <link rel="stylesheet" href="css/style.css" type="text/css">
    </head>
    <body>
        <div>
            <?php
            require 'header.php';
            ?>
            <br>
            <div class="container">
                <table class="table table-bordered table-striped">
                    <tbody>
                        <tr>
                            <th>Item Number</th><th>Item Name</th><th>Price</th><th></th>
                        </tr>
                    <?php
                    $user_products_result=mysqli_query($con,$user_products_query) or die(mysqli_er
ror($con));

                    $no_of_user_products= mysqli_num_rows($user_products_result);
                    $counter=1;
                    while($row=mysqli_fetch_array($user_products_result)){

                        ?>
                        <tr>
                            <th><?php echo $counter ?></th><th><?php echo $row['name']?></th><th><?php
echo $row['price']?></th>

```

```

        <th><a href='cart_remove.php?id=<?php echo $row['id'] ?>'>Remove</a></th>
    </tr>
    <?php $counter=$counter+1;??>
    <tr>
        <th></th><th>Total</th><th>Rs <?php echo $sum;?>-
    </th><th><a href="success.php?id=<?php echo $user_id?>" class="btn btn-primary">Confirm Order</a></th>
    </tr>
</tbody>
</table>
</div>
<br><br><br><br><br><br><br><br><br>
<footer class="footer">
    <div class="container">
        <center>
            <p>Copyright &copy; . All Rights Reserved.</p>
        </center>
    </div>
</footer>
</div>
</body>
</html>

```

Validation.js

```

function validation()
{
    var email = document.myForm.emailid.value;
    var fname = document.myForm.Username.value;
    var phone = document.myForm.Phone.value;
    var city= document.myForm.opt.value;
    var pass = document.myForm.Password.value;
    var rpass = document.myForm.cpass.value;
    var lang = document.getElementsByName("LanguagesKnown[]");
    var i = 0;
    var mail = /^\\w+([\\.-]?\\w+)*@\\w+([\\.-]?\\w+)*(\\.\\w{2,3})+$/;
    var reg_pass = /^(?=.*\\d)(?=.*[a-z])(?=.*[A-Z]).{4,8}$/;
    var valid_fname = /^[A-Za-z]+$/;
    if (email == "" || email == "null")
    {
        alert("email should not be empty");
        return false;
    }
    if(!email.match(mail))
    {
        alert("Enter valid email");
        return false;
    }
    if(!fname.match(valid_fname))

```



```
{
alert("Enter valid name");
return false;
}
if(fname == "" || fname == "null")
{
alert("name should not be empty");
return false;
}
if(!pass.match(reg_pass))
{alert("Enter valid password, which contains Uppercase, lowercase and special char");
return false;
}
if(!rpass.match(reg_pass))
{
alert("Enter valid retype password, which contains Uppercase, lowercase and special char");
return false;
}
if(pass == "" || pass == null || rpass == "" || rpass == null)
{
alert("password should not be empty");
return false;
}
if (!pass.match(rpass))
{
alert("password and retype password not matching");
return false;
}
if(isNaN(phone))
{
alert("Enter valid contact number");
return false;
}
if(phone == "" || phone == null || phone.length!= 10)
{
alert("Enter valid phone number of length 10");
return false;
}
if(dob == null || dob == "")
{
alert("Enter valid DOB");
return false;
}
if(country == "select")
{
alert("Select your country name");
return false;
}
}
```

```
var hasChecked = false;
for (i = 0; i < lang.length; i++)
{
  if(lang[i].checked)
  {
    hasChecked = true;
    break;
  }
}
if(hasChecked == false){
  alert("select terms and condition");
  return false;
}
return true;
}
```

Conclusion & Future Work

The Project was successfully completed and executed.

In future there can be certain things that can be improved like:

- Adding multiple stores
- Billing structure
- Auto Searching for location
- Delivery Tracking

References

- Youtube
- W3School
- W3Resources
- Phptpoint
- github
- javatpoint

Tech Used and Why

Html

Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. HTML describes the structure of a web page [semantically](#) and originally included cues for the appearance of the document.

Css

CSS stands for Cascading Style Sheets. CSS describes how HTML elements are to be displayed on screen, paper, or in other media. CSS saves a lot of work. It can control the layout of multiple web pages all at once. External stylesheets are stored in CSS files

JavaScript

JavaScript is the programming language of the Web.

HTML form validation can be done by JavaScript.

If a form field (fname) is empty, this function alerts a message, and returns false, to prevent the form from being submitted:

Example:

```
function validateForm() {  
  var x = document.forms["myForm"]["fname"].value;  
  if (x == "") {  
    alert("Name must be filled out");  
    return false;  
  }  
}
```

Php

The PHP Hypertext Pre-processor (PHP) is a programming language that allows web developers to create dynamic content that interacts with databases. PHP is basically used for developing web-based software applications.

Connection to database and fetching products from database to display on webpage is don't here. Business logic implementation is also done on this side.

MySQL

MySQL is an open-source relational database management system (RDBMS).

Queries link INSERT, DELETE, UPDATE, etc are used here. In the project all the user details and product details are stored in SQL database.