

DIRECT TO FARMER (D2F)

A Mini-Project Report

Submitted for partial fulfillment of the requirement for the award of the degree of

Bachelor of Computer Application

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PG DEPARTMENT OF COMPUTER APPLICATIONS

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM

CUDDALORE - 607 001

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CERTIFICATE

This is to certify that the Mini-Project entitled

DIRECT 2 FARMER (D2F)

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai university – Chidambaram)

Submitted By

BALAJI S (A21CADA10)

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For the partial Fulfillment for the award of degree of

Bachelor of Computer Application

Is a Bonafide record of work carried out by Them, Under my guidance and supervision.

INTERNAL GUIDE

HEAD OF THE DEPARTMENT

Submitted for the viva-voice examination on _____

Examiners:

1. _____

2. _____

ACKNOWLEDGEMENT

First and foremost, I thank God, the Almighty, for showering His kindness and blessings to complete this project successfully.

I extend my sincere gratitude to respected **Rev. Fr. Dr. M. Swaminathan**, Secretary, and **Dr. M. Arumai Selvam**, Principal of St. Joseph's College of Arts & Science (Autonomous), for providing such a good congenial environment to enlighten my knowledge.

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At the outset, I take pleasure in extending my sincere gratitude to all my teachers who have taken pains to shape and mold me in all my endeavors. I am bound to express my sincere and hearty gratitude to my dear parents for their financial and material support, which helped me to make this project a successful one. Last but not least, I place the deepest sense of gratitude to all my friends who have supported me to complete this project more successfully.

BALAJI S
AVINASH A
DHINESH S

CONTENT

S.NO	DESCRIPTION	PAGE NO
1	ABSTRACT	1
2	PROJECT DESCRIPTION	2
3	HARDWARE AND SOFTWARE REQUIREMENT	6
4	SOFTWARE DESCRIPTION	7
5	SOURCE CODE	12
6	OUTPUT SCREEN	34
7	CONCLUSION	63
8	REFERENCES	64
9	BIBLIOGRAPHY	65
10	FURTHER ENHANCEMENT	66

ABSTRACT

The Direct to Farmer (D2F) Portal is a web-based platform which serves as online marketplaces where consumers can purchase fresh fruits, vegetables, and nuts. It also aims to serve the seller by providing a direct connection between farmers and consumers, enabling farmers to sell their goods without intermediaries such as retailers or distributors. This leads the farmer to gain better profit.

This website includes features like Product Listing, Online Stores, Producer Profiles, Ordering and Delivery, Seasonal Offerings, Community Management, Direct Messages, Open Reviews, and Ratings, etc. This portal is built using a combination of technologies like PHP for server-side scripting, HTML, CSS as front-end, and MySQL as back-end to provide an intuitive and user-friendly interface for the admin and the end-users.

PROJECT DESCRIPTION

PROJECT DEFINITION:

The Direct to Farmer (D2F) Portal is a web-based platform which serve as online marketplaces where consumers can purchase fresh Fruits, Vegetables and Nuts. It also aims to serves the seller by a direct connection between farmers and consumers, enabling farmers to sell their goods without intermediaries such as retailer or distributors.

MODULES:

The project “DIRECT TO FARMER (D2F)” deals with the following modules:

➤ Home Page

1. Admin
2. Retailer
3. User
4. Contact

➤ Admin

1. Update Product
2. Message Box

➤ Retailer

1. New Product add
2. Vegetables
3. Fruits

4. Nuts
5. Issue Request
6. Subscription

➤ **User**

1. Subscription
2. Back
3. Buying

HOME PAGE:

It is the first page of a website that visitors see when they arrive at the site.

1. Contact:

It seems like you're reporting an issue related to logging in or making payments. Could you please provide more details or context so that I can better understand the problem and assist you accordingly?

ADMIN PAGE:

It is designed to provide administrators with a convenient and easy-to-use interface for managing the Retailer and User Subscription access, Product Update and Delete etc.

Admin page are having some modules. There is Updating a product, Message box.

1. Update product:

When a retailer posts a product on the website and notices an error, they will submit a request form to the admin. The admin will then correct the mistake using the update product module.

2. Message box:

If a retailer encounters any issues while posting a product, they will promptly send a message to the admin.

RETAILER PAGE:

This page is utilized by farmers to add their products for sale, while retailers have access to various modules.

1. New product adds:

The retailer has decided to sell our product on our website and will use the new product add module to post the product.

2. Vegetables:

If a retailer posts a vegetable item, this module helps to review whether the product posting is correct or incorrect.

3. Fruits:

If a retailer posts a fruit item, this module helps to verify whether the product posting is correct or incorrect.

4. Nuts:

If a retailer posts a nuts item, using this module will help to verify whether the product posting is correct or incorrect.

5. Issue request:

If a retailer posts a product and it's found to be incorrect, they can use this module to raise a request form to the admin for correction.

6. Subscription:

The retailer sells our products on my website and pays a subscription fee, which grants access to all pages necessary for product sales.

USER PAGE:

The user page will be used by customers to purchase products and contains various modules.

1. Subscription:

Users buy products on my website before paying a subscription fee.

2. Buying:

The user purchases your product on the buying page

HARDWARE AND SOFTWARE REQUIREMENTS:

HARDWARE REQUIREMENTS

The hardware requirements are the hardware, which is essential for software to run on a particular system.

- Hard Disk : 32 GB
- RAM : 4 GB
- Processor : Intel Pentium, Intel core, Ryzen

SOFTWARE REQUIREMENTS

The Software Requirements deal with the analysis of the software, operating system and tools that are essential for the project.

- Operating system : WINDOWS
- Language : ANDROID & SQLITE

SOFTWARE DESCRIPTION

HTML

HTML (Hyper Text Markup Language) is the standard markup language used to create web pages. It is a combination of Hyper Text and Markup Language and is used to display information in a structured way. HTML is written in the form of tags, which are enclosed in angle brackets. HTML tags provide the structure of the web page and tell the web browser how to display the content. HTML consists of a series of elements, which are used to define the structure and content of a web page. These elements include headings, paragraphs, lists, images, videos, and tables. HTML tags can also be used to create links, forms, and other interactive elements. HTML is a key element of web development, as it provides the structure and content of a website. It is used to create visually appealing websites, as well as to ensure that the website is accessible and works properly across different browsers and devices. HTML is a major part of web development, and it is important to have a basic understanding of it in order to create a website that is both aesthetically pleasing and functional.

HTML is used to create webpages, along with CSS and JavaScript. CSS is used to give webpages their style and structure, while JavaScript is used to make webpages interactive. HTML is the foundation of all webpages, and it is used to define the structure of the page, add content, and link to other webpages. HTML is an essential part of web development, and it is used by web developers to create websites, applications, and more. It is a powerful language that is easy to learn and use, and it is constantly evolving to meet the needs of the web.

PHP

PHP is a widely-used open source scripting language that is especially suited for web development and can be embedded into HTML. It is used to create dynamic webpages, and is one of the most popular scripting languages on the web. PHP has a wide range of features and capabilities, including access control, object-oriented programming, database integration, and communication with other web-based systems. It also supports a range of databases, including MySQL, Oracle, and PostgreSQL. One of the main advantages of PHP is its scalability, meaning it can be used to create large, complex websites that can grow with your business.

It is also highly portable, meaning it can be used on a variety of platforms, including Windows, Linux, and Mac. PHP is also very secure and regularly updated, which is essential for any website. It also has a large community of developers and resources available, making it easy to find help and support when needed. Overall, PHP is a powerful, versatile, and secure scripting language that is well-suited for web development. From small websites to large applications, PHP is an excellent choice for creating dynamic, engaging websites

JAVASCRIPT

JavaScript is a scripting language that is most commonly used to create interactive websites and web applications. It is the language of the web, and can be used to add dynamic elements to a web page. It is a popular language for both front-end and back-end development, and can be used to create both client-side and server-side applications. JavaScript is an object-oriented programming language. It is based on the ECMAScript specification. It is a lightweight and interpreted language, which means that it can be run directly in a web browser without any additional software.

JavaScript is a scripting language, so it can be used to create dynamic webpages and applications. JavaScript is used to create interactive websites and web applications. It can be used to add animations and effects to webpages, as well as to create games and applications. It can also be used to create user interfaces, as it has a wide range of built-in objects, functions, and methods. It is also used to connect webpages to databases and to create APIs. JavaScript is widely used because it is easy to learn and use. It is an interpreted language, which means that it can run directly in a web browser without needing to be compiled. It is also open-source and free, so it can be used by anyone. JavaScript is also supported by all major web browsers, which makes it a popular choice for web development.

MYSQL

MySQL is a relational database management system based on the Structured Query Language, which is the popular language for accessing and managing the records in the database. MySQL is open-source and free software under the GNU license. It is supported by **Oracle Company**.

What is database?

It is very important to understand the database before learning MySQL. A database is an application that stores the organized collection of records. It can be accessed and managed by the user very easily. It allows us to organize data into tables, rows, columns, and indexes to find the relevant information very quickly. Each database contains distinct API for performing database operations such as creating, managing, accessing, and searching the data it stores. Today, many databases available like MySQL, Sybase, oracle, Mongo DB, SQL Server etc. In this section, we are going to focus on MySQL mainly.

MySQL is currently the most popular database management system software used for managing the relational database. It is open-source database software, which is supported by Oracle Company. It is fast, scalable, and easy to use database management system in comparison with Microsoft SQL Server and Oracle Database. It is commonly used in conjunction with PHP scripts for creating powerful and dynamic server-side or web-based enterprise applications.

MySQL is a Relational Database Management System (RDBMS) software that provides many things, which are as follows:

- It allows us to implement database operations on tables, rows, columns, and indexes.
- It defines the database relationship in the form of tables (collection of rows and columns), also known as relations.
- It provides the Referential Integrity between rows or columns of various tables.
- It allows us to update the table indexes automatically.
- It uses many SQL queries and combines useful information from multiple tables for the end-users.

History of MySQL

The project of MySQL was started in 1979 when MySQL's inventor **Michael Widenius** developed an in-house database tool called **UNIREG** for managing databases. After that, UNIREG has been rewritten in several different languages and extended to handle big databases. After some time, Michael Widenius contacted **David Hughes**, the author of SQL, to see if Hughes would be interested in connecting MySQL to UNIREG's B+ ISAM handler to provide indexing to MySQL. That's the way MySQL came into existence.

MySQL Features

MySQL is a relational database management system (RDBMS) based on the SQL (Structured Query Language) queries. It is one of the most popular languages for accessing and managing the records in the table. MySQL is open-source and free software under the GNU license. Oracle Company supports it.

Relational Database Management System (RDBMS)

MySQL is a relational database management system. This database language is based on the SQL queries to access and manage the records of the table

Easy to use

MySQL is easy to use. We have to get only the basic knowledge of SQL. We can build and interact with MySQL by using only a few simple SQL statements.

It is secure

MySQL consists of a solid data security layer that protects sensitive data from intruders. Also, passwords are encrypted in MySQL.

Client/ Server Architecture

MySQL follows the working of a client/server architecture. There is a database server (MySQL) and arbitrarily many clients (application programs), which communicate with the server; that is, they can query data, save changes, etc.

Free to download

MySQL is free to use so that we can download it from MySQL official website without any cost.

It is scalable

MySQL supports multi-threading that makes it easily scalable. It can handle almost any amount of data, up to as much as 50 million rows or more. The default file size limit is about 4 GB. However, we can increase this number to a theoretical limit of 8 TB of data.

Speed

MySQL is considered one of the very fast database languages, backed by a large number of the benchmark test.

High Flexibility

MySQL supports a large number of embedded applications, which makes MySQL very flexible.

Compatible on many operating systems

MySQL is compatible to run on many operating systems, like Novell NetWare, Windows*, Linux*, many varieties of UNIX* (such as Sun* Solaris*, AIX, and DEC* UNIX), OS/2, FreeBSD*, and others. MySQL also provides a facility that the clients can run on the same computer as the server or on another computer (communication via a local network or the Internet).

Allows roll-back

MySQL allows transactions to be rolled back, commit, and crash recovery.

Memory efficiency

Its efficiency is high because it has a very low memory leakage problem.

High Performance

MySQL is faster, more reliable, and cheaper because of its unique storage engine architecture. It provides very high-performance results in comparison to other databases without losing an essential functionality of the software. It has fast loading utilities because of the different cache memory.

High Productivity

MySQL uses Triggers, Stored procedures, and views that allow the developer to give higher productivity.

SOURCE CODE

HOME

HOME_PAGE:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-T3c6Coli6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN" crossorigin="anonymous">
<title>DIRECT 2 FARMER</title>
</head>
<style>
body{
background-image: url(carousel-2.jpg) ;
background-size: cover;
background-repeat: no-repeat;
}
.home-text {
text-align: left;
padding: 20px;
padding-top: 350px;
margin: 20px;
color:#fff;
}
h1 {
```

```

font-size: 50px;
color: green;
}

</style>

<body>

<nav class="navbar bg-dark border-bottom border-body navbar navbar-expand-lg bg-body-tertiary "data-bs-theme="dark">

<div class="container-fluid">

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">
<ul class="navbar-nav me-auto mb-2 mb-lg-0">
<li class="nav-item">
<a class="nav-link " href="admin/admin_login.php">ADMIN</a>
</li>
<li class="nav-item">
<a class="nav-link" href="retailer/retailer_login.php">RETAILER</a>
</li>
<li class="nav-item">
<a class="nav-link " href="user/user_login.php">USER</a>
</li>
<li class="nav-item">
<a class="nav-link " href="contact.html">CONTACT</a>
</li>
</ul>
</div>
</div>

```

```
</nav>

<div class="home-text ">

<h1><b>A DAYS START WITH <BR> ORGANIC PRODUCTS</b></h1>

<!-- Your page content goes here -->

</body>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-C6RzsynM9kWDrMNeT87bh95OGNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDfL"
crossorigin="anonymous"></script>

</html>
```

ADMIN

ADMIN_ACCESS:

```
<?php  
// Assume you start the session and retrieve the username during login  
session_start();  
  
$username = isset($_SESSION['username']) ? $_SESSION['username'] : null;  
$displayName = isset($_SESSION['display_name']) ? $_SESSION['display_name'] : null;  
?  
<!DOCTYPE html>  
<html lang="en">  
<head>  
<meta charset="UTF-8">  
<meta name="viewport" content="width=device-width, initial-scale=1">  
<title>Admin Panel</title>  
<style>  
body {  
background-image: url(carousel-2.jpg) ;  
background-size: cover;  
background-repeat: no-repeat;  
font-family: Arial, sans-serif;  
margin: 0;  
padding: 0;  
}  
  
nav {  
background-color: #333;  
overflow: hidden;  
}  
  
nav a {
```

```
float: left;  
display: block;  
color: white;  
text-align: center;  
padding: 14px 16px;  
text-decoration: none;  
}  
  
nav a:hover {  
background-color: #ddd;  
color: black;  
}  
  
.content {  
padding: 20px;  
}  
  
h2 {  
color: #333;  
}  
  
.home-text {  
text-align: left;  
padding: 20px;  
padding-top: 350px;  
margin: 20px;  
color:#fff;  
}  
  
h1 {  
font-size: 50px;  
color: green;  
}  
  
</style>
```

```
</head>

<body>

<nav>

<a href="upload.php">Update Product</a>
<a href="complaints.php">Message Box</a>
<a href="admin_login.php">Logout</a>

</nav>

<div class="content">

<h2>Welcome, <?php echo $displayName ? htmlspecialchars($displayName) : 'Admin';
?>!</h2>

<div class="home-text ">

<h1><b>“Don’t Let Yesterday <br> Take Up Too Much of <br>Today.”</b></h1>

<!-- Add your admin panel content here -->

<!-- For example, you can have different sections for profile, new product, and update product -->

</div>

</body>

</html>
```

RETAILER

RETAILER_PANEL

```
<?php  
// Assume you start the session and retrieve the username during login  
session_start();  
  
$username = isset($_SESSION['username']) ? $_SESSION['username'] : null;  
$displayName = isset($_SESSION['display_name']) ? $_SESSION['display_name'] : null;  
?>  
<!DOCTYPE html>  
<html lang="en">  
<head>  
<meta charset="UTF-8">  
<meta name="viewport" content="width=device-width, initial-scale=1">  
<title>Admin Panel</title>  
<style>  
body {  
background-image: url(carousel-2.jpg) ;  
background-size: cover;  
background-repeat: no-repeat;  
font-family: Arial, sans-serif;  
margin: 0;  
padding: 0;  
}  
  
nav {  
background-color: #333;  
overflow: hidden;  
}  
  
nav a {
```

```
float: left;  
display: block;  
color: white;  
text-align: center;  
padding: 14px 16px;  
text-decoration: none;  
}  
  
nav a:hover {  
background-color: #ddd;  
color: black;  
}  
  
.content {  
padding: 20px;  
}  
  
h2 {  
color: #333;  
}  
  
.home-text {  
text-align: left;  
padding: 20px;  
padding-top: 350px;  
margin: 20px;  
color:#fff;  
}  
  
h1 {  
font-size: 50px;  
color: green;  
}  
  
</style>
```

```
</head>
<body>
<nav>
<a href="add.php">New Product</a>
<a href="fruits.php">Fruits</a>
<a href="veg.php">Vegetables</a>
<a href="nuts.php">Nuts</a>
<a href="retailer_subscription.html">Subscription</a>
<a href="product_issue.php">Issue Request</a>
<a href="retailer_login.php">Logout</a>
</nav>
<div class="content">
<h2>Welcome, <?php echo $displayName ? htmlspecialchars($displayName) : 'Guest'; ?>!</h2>
<div class="home-text ">
<h1><b>PROMISILY TOLD ! <BR> ORGANIC PRODUCTS<BR> WILL BE
SOLD</b></h1>
<!-- Add your admin panel content here -->
<!-- For example, you can have different sections for profile, new product, and update product --
>
</div>
</body>
</html>
```

USER

USER_PRODUCT:

```
<?php  
// Assume you start the session and retrieve the username during login  
session_start();  
  
$username = isset($_SESSION['username']) ? $_SESSION['username'] : null;  
$displayName = isset($_SESSION['display_name']) ? $_SESSION['display_name'] : null;  
?  
<!DOCTYPE html>  
<html>  
<head>  
<title>USER_PRODUCT_PAGE </title>  
<meta charset="utf-8">  
<meta name="viewport" content="width=device-width, initial-scale=1">  
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta2/css/all.min.css" integrity="sha512-YWzhKL2whUzgiheMoBFwW8CKV4qpHQAEuvilg9FAn5VJUDwKZZxkJNuGM4XkWuk94WCrrwslk8yWNGmY1EduTA==" crossorigin="anonymous" referrerPolicy="no-referrer" />  
  
<link rel="stylesheet" href="style.css">  
</head>  
  
<style>  
h1{  
color: rgb(23, 241, 23);  
text-align: center;  
letter-spacing: 20PX;
```

```
padding-bottom: -1px;  
text-shadow: 5PX 5PX black ;  
margin-top: -125px;  
font-size: 70px;  
  
}
```

```
.main{  
width: 100px;  
height: -1000px;  
width: 1350Px;  
padding: -620px;  
background-color: greenyellow;  
padding-bottom: -5PX;  
letter-spacing: 20PX;  
}
```

```
nav {  
background-color: #333;  
margin-left: 1050px;  
}  
  
ul {  
list-style-type: none;  
margin: 1pc;  
padding: 0px;  
overflow: hidden;  
  
}
```

```
li {  
    float: left;  
}  
  
a {  
    display: block;  
    color: rgb(255, 255, 255);  
    text-align: center;  
    padding: 05px 16px;  
    text-decoration: none;  
}  
  
a:hover {  
    background-color: #ddd;  
    color:rgb(2, 2, 2);  
}  
  
}
```

```
input {  
    padding: 20px;  
    border: 1px solid #ccc;  
    border-radius: 10px 0 10px 0;  
}  
  
body{  
    margin: 0;  
    font-family: sans-serif;  
    background:#f2f2f2;  
}  
  
label{  
    font-size:x-large;  
    font-style: italic;
```

```
}

h3{
    text-align: center;
    font-size: 30px;
    margin: 0;
    padding-top: 10px;
}

a{
    text-decoration: none;
}

.gallery{

    display: flex;
    flex-wrap: wrap;
    width: 100%;
    justify-content: center;
    align-items: center;
    margin: 50px 0;
}

.content {
    width: 23%;
    margin: 15px;
    box-sizing: border-box;
    float: left;
    text-align: center;
    border-radius: 20px;
    cursor: pointer;
    padding-top: 10px;
    box-shadow: 0 14px 28px rgba(0,0,0,0.25),
```

```
0 10px 10px rgba(0,0,0,0.22);
transition: .4s;
background:#f2f2f2;
}

.content:hover{
box-shadow: 0 3px 6px rgba(0,0,0,0.16),
0 3px 6px rgba(0,0,0,0.23);
transform: translate(0px, -8px);
}

img{
width: 200px;
height: 200px;
text-align: center;
margin: 0 auto;
display: block
}

p{
text-align: center;
color: #b2bec3;
padding-top: 0 8px;
}

body{
margin: 0;
font-family: sans-serif;
background:#f2f2f2;
}

h3{
text-align: center;
```

```
font-size: 30px;  
margin: 0;  
padding-top: 60px;  
}  
a{  
text-decoration: none;  
}  
  
.nuts{  
width: 23%;  
margin: 15px;  
box-sizing: border-box;  
float: left;  
text-align: center;  
border-radius: 20px;  
cursor: pointer;  
padding-top: 10px;  
box-shadow: 0 14px 28px rgba(0,0,0,0.25),  
0 10px 10px rgba(0,0,0,0.22);  
transition: .4s;  
background:#f2f2f2;  
}  
.nuts:hover{  
box-shadow: 0 3px 6px rgba(0,0,0,0.16),  
0 3px 6px rgba(0,0,0,0.23);  
transform: translate(0px, -8px);  
}  
h3{  
color: #000000;
```

```
text-align: center;  
font-size: 30px;  
margin: 0;  
padding-top: 60px;  
}  
  
.fruit{  
width: 23%;  
margin: 15px;  
box-sizing: border-box;  
float: left;  
text-align: center;  
border-radius: 20px;  
cursor: pointer;  
padding-top: 10px;  
box-shadow: 0 14px 28px rgba(0,0,0,0.25),  
0 10px 10px rgba(0,0,0,0.22);  
transition: .4s;  
background:#f2f2f2;  
}  
.fruit:hover{  
box-shadow: 0 3px 6px rgba(0,0,0,0.16),  
0 3px 6px rgba(0,0,0,0.23);  
transform: translate(0px, -8px);  
}  
.camp{  
display: flex;  
flex-wrap: wrap;  
width: 100%;
```

```
justify-content: center;  
align-items: center;  
margin: 50px 0;  
}  
a{  
text-decoration: none;  
}  
.sound{  
display: flex;  
flex-wrap: wrap;  
width: 100%;  
justify-content: center;  
align-items: center;  
margin: 50px 0;  
}
```

```
img{  
width: 200px;  
height: 200px;  
text-align: center;  
margin: 0 auto;  
display: block  
}  
p{  
text-align: center;  
color: #08a5e8;  
padding-top: 0 8px;  
}
```

```
@media(max-width:1000px){  
    .content{  
        width: 45px;  
    }  
}  
  
@media(max-width: 750px){  
    .content{  
        width: 100%;  
    }  
}
```

```
@media(max-width:1000px){  
    .content{  
        width: 45px;  
    }  
}  
  
@media(max-width: 750px){  
    .content{  
        width: 100%;  
    }  
}  
  
b{  
    color: #333;  
}  
  
P{  
    color: red;  
}  
  
.logo{  
    padding-right: 1000px;
```

```

}

.B{
color: black;
}

</style>

<body>



<h1>DIRECT FARMER</h1>

<div CLASS="main">

<Marquee>ORGANIC FOOD IS A ORGANIC HEALTH</Marquee>

</div>

</form>

</form>

<nav class="navbar">

<ul>

<li><a href="user_subscription.html">SUBSCRIPTION_PAGE</a></li>

</ul>

</nav>

<CENTER><label><B><I>VEGETABLES</B></I></label></CENTER>

<div class="gallery">

<div class="content">



<h3>Tomoto</h3>

<p>FARMER NAME: <B><i>Ganeshan</i></B><BR>

AREA: <B><i>Villupuram</i></B><BR>

MOBILE NO: <B><i>8838818193</i></B><BR> </p>

</div>

```

```

<div class="content">

<h3>Onion1</h3>
<p>FARMER NAME: <B><i>Kumaravel</i></B><BR>
AREA: <B><I>Coimbatore</I></B><BR>
MOBILE NO: <B><i>7859645218</i></B><BR> </p>
</div>

<div class="content">

<h3>Carrot</h3>
<p>FARMER NAME: <B><i>Sakthivel</i></B><BR>
AREA: <B><I>Kancheepuram</I></B><BR>
MOBILE NO: <B><i>9685452537</i></B><BR> </p>
</div>

<a href="veg.php"> <input type="button" value="View more"></a>

</div>
<CENTER><label><B><I>FRUITS</I></B></label></CENTER>
<div class="camp">
<div class="fruit">

<h3>Mango</h3>
<p>FARMER NAME: <B><i>Kumar</i></B><BR>
AREA: <B><I>Namakkal</I></B><BR>
MOBILE NO: <B><i>8567954259</i></B><BR> </p>
</div>
<div class="fruit">


```

```

<h3>JackFruit</h3>
<p>FARMER NAME: <B><i>Ranga</i></B><BR>
AREA: <B><i>salem</i></B><BR>
MOBILE NO: <B><i>7458954865</i></B><BR> </p>
</div>

<div class="fruit">

<h3>Banana</h3>
<p>FARMER NAME: <B><i>KUPPUSAMI</i></B><BR>
AREA: <B><i>VALAVANUR</i></B><BR>
MOBILE NO: <B><i>6985745894</i></B><BR> </p>
</div>

<a href="fruits.php"> <input type="button" value=" View more"></a>
</div>

<CENTER><label><B><i>NUTS</i></B></label></CENTER>
<div class="sound">
<div class="nuts">

<h3>Cashew Nuts</h3>
<p>FARMER NAME: <B><i>Siva Moorthi</i></B><BR>
AREA: <B><i>Vellore</i></B><BR>
MOBILE NO: <B><i>7589685948</i></B><BR> </p>
</div>

<div class="nuts">

<h3>Peanut</h3>
<p>FARMER NAME: <B><i>Abdul</i></B><BR>
AREA: <B><i>Pudukkottai</i></B><BR>
MOBILE NO: <B><i>7859684596</i></B><BR> </p>

```

```
</div>
<div class="nuts">

<h3>Almond</h3>
<p>FARMER NAME: <B><i>Devarasu</i></B><BR>
AREA: <B><I>Madurai</I></B><BR>
MOBILE NO: <B><i>8574625813</i></B><BR> </p>
</div>
<a href="nuts.php"> <input type="button" value="View more"></a>
</div>
</body>
</html>
```

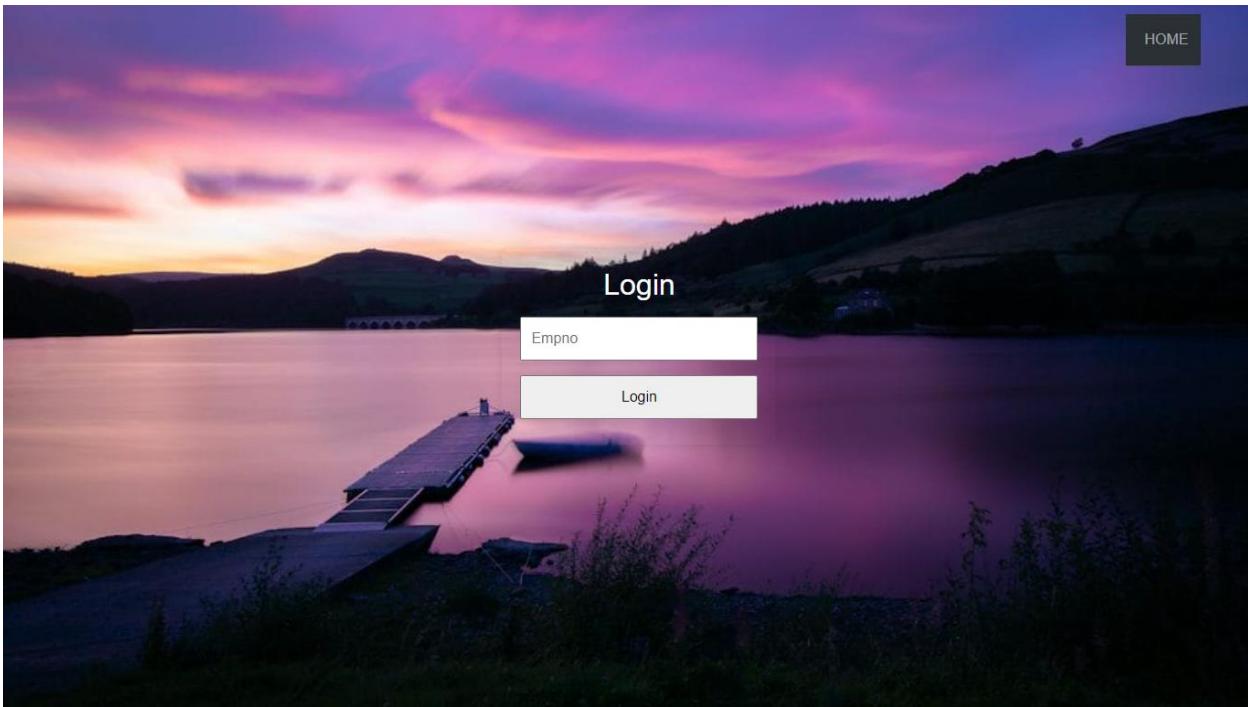
OUTPUT

ADMIN

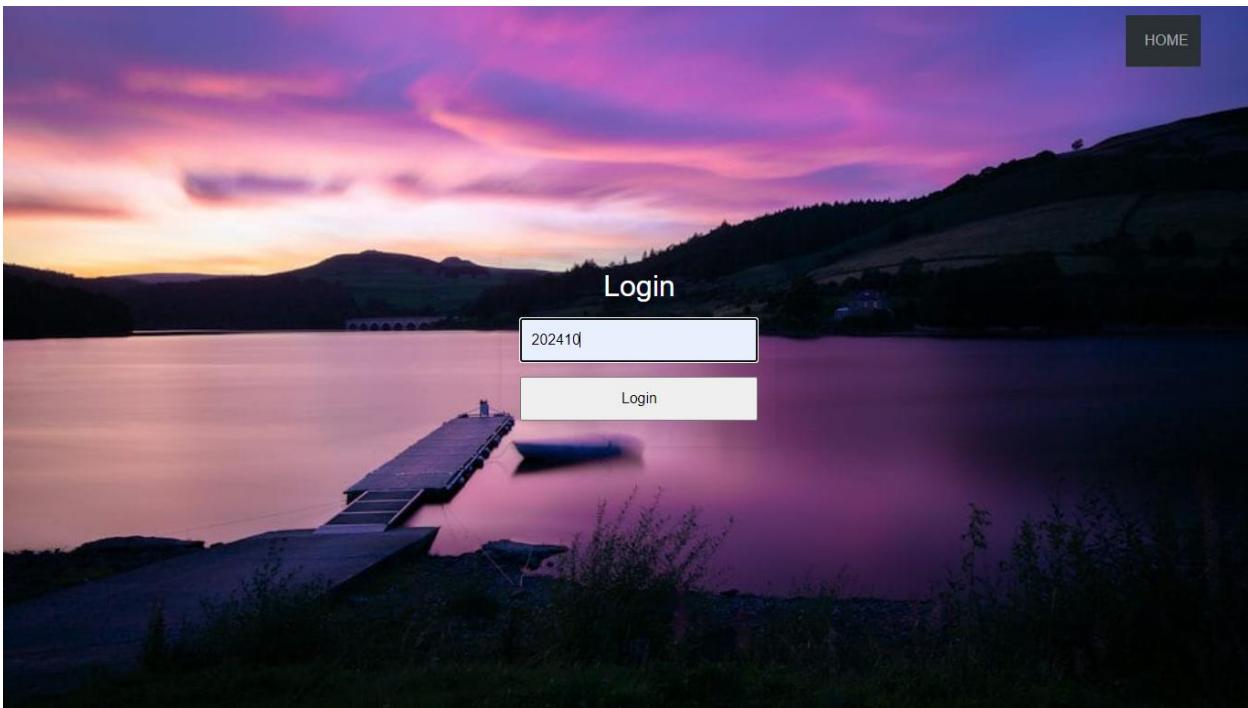
HOME_PAGE



ADMIN_LOGIN BEFORE WITHOUT DATA



ADMIN_LOGIN AFTER WITH DATA



ADMIN_ACCESS

Update Product Message Box Logout

Welcome, Admin!



“Don’t Let Yesterday Take Up Too Much of Today.”

UPDATE PRODUCT BEFORE WITHOUT DATA

Product Management

Search by email:

UPDATE PRODUCT AFTER WITH DATA

Product Management

Search by email:

UPDATE PRODUCT (UPDATE, DELETE) METHOD

Product Management

Search by email:

Product Type	Product Name	Amount Per Kg	Discount Per Kg	Image	Action
fruits	orang	500	50		<p>New Product Type: fruits</p> <p>New Product Name: orang</p> <p>New Amount Per Kg: 500</p> <p>New Discount Per Kg: 50</p> <p>New Image URL: uploads/org.jpg</p> <p><input type="button" value="Update"/></p> <p><input type="button" value="Delete"/></p> <p>New Product Type:</p>

UPDATE PRODUCT (AMOUNT UPDATE)

Product Management

Search by email:

Product Type	Product Name	Amount Per Kg	Discount Per Kg	Image	Action
fruits	orang	5000	50		New Product Type: fruits New Product Name: orang New Amount Per Kg: 5000 New Discount Per Kg: 50 New Image URL: uploads/org.jpg Update Delete New Product Type:

UPDATE PRODUCT (PRODUCT DELETE)

localhost says

Are you sure you want to delete this product?

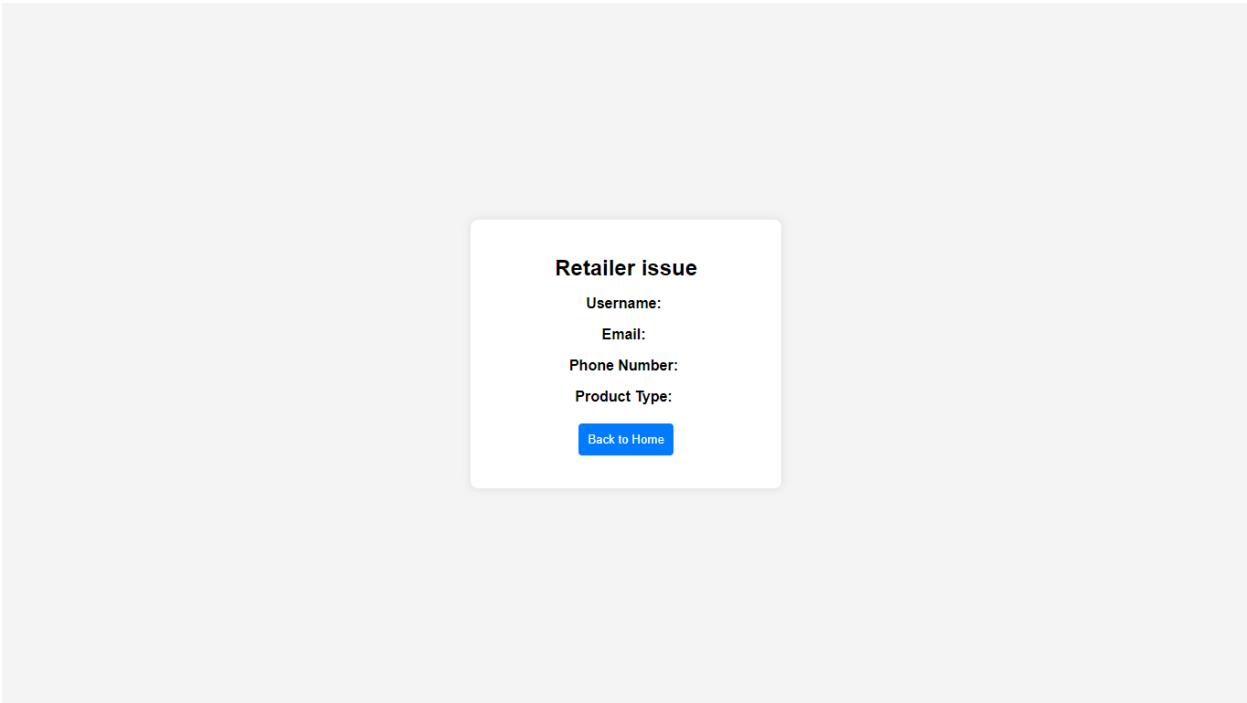
ok Cancel

Product Management

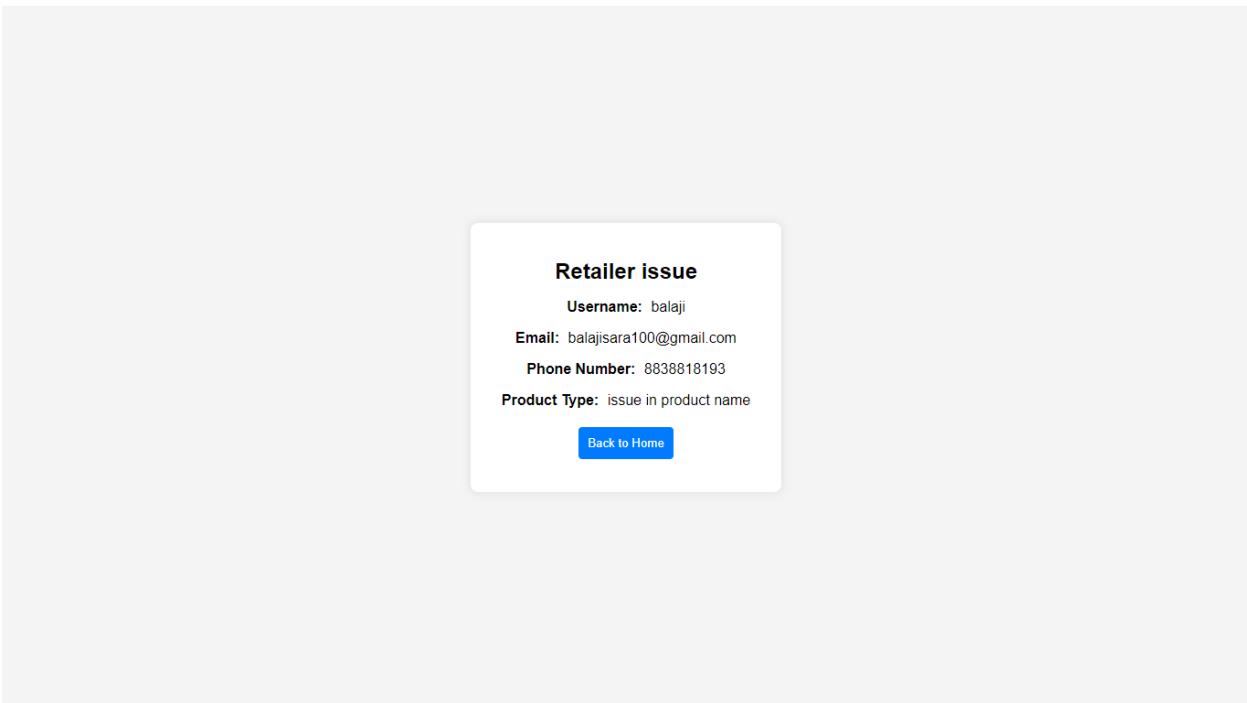
Search by email:

Product Type	Product Name	Amount Per Kg	Discount Per Kg	Image	Action
fruits	orang	5000	50		New Product Type: fruits New Product Name: orang New Amount Per Kg: 5000 New Discount Per Kg: 50 New Image URL: uploads/org.jpg Update Delete New Product Type:

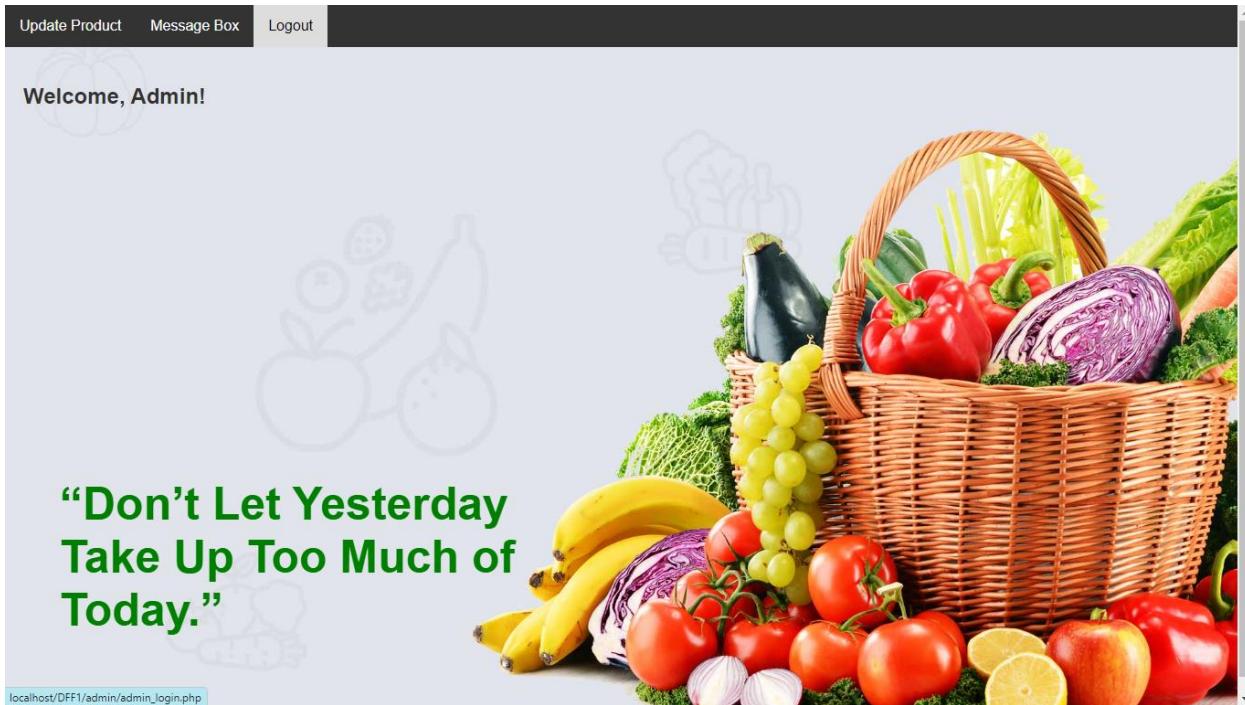
MESSAGE BOX WITHOUT CONTENT



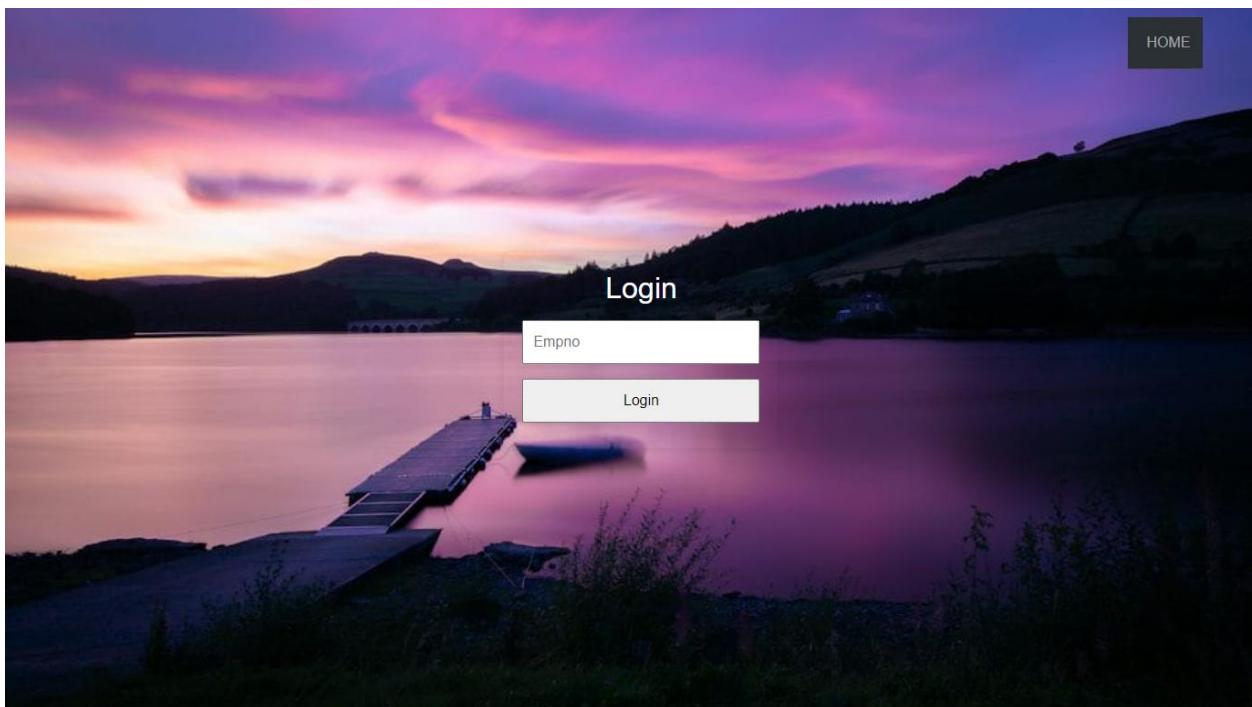
MESSAGE BOX WITH CONTENT



ADMIN LOGOUT BEFORE VISUAL



ADMIN LOGOUT AFTER VISUAL

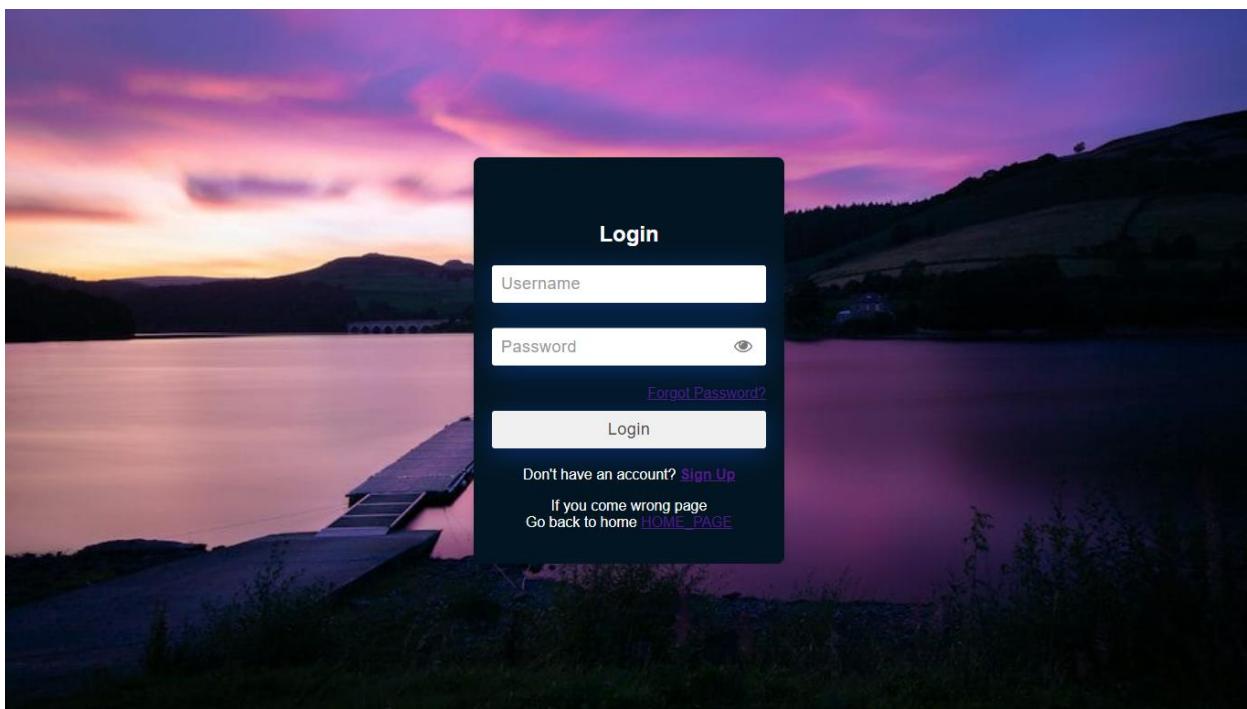


RETAILER

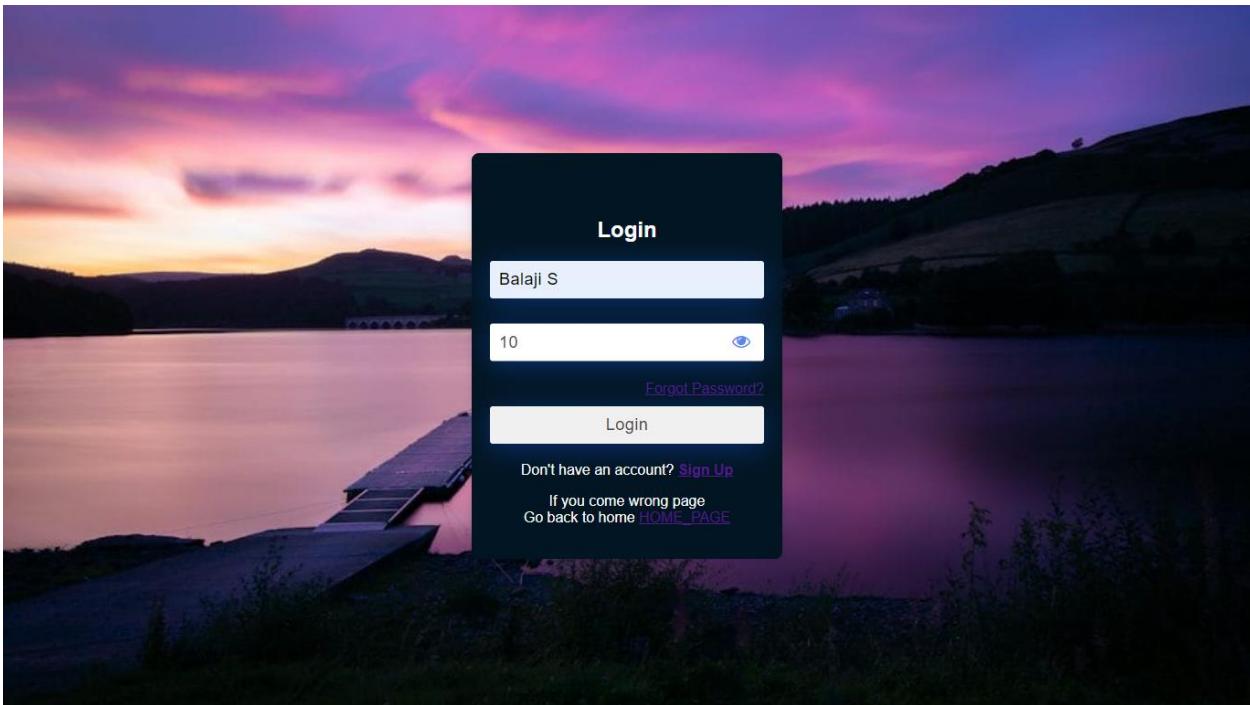
HOME PAGE



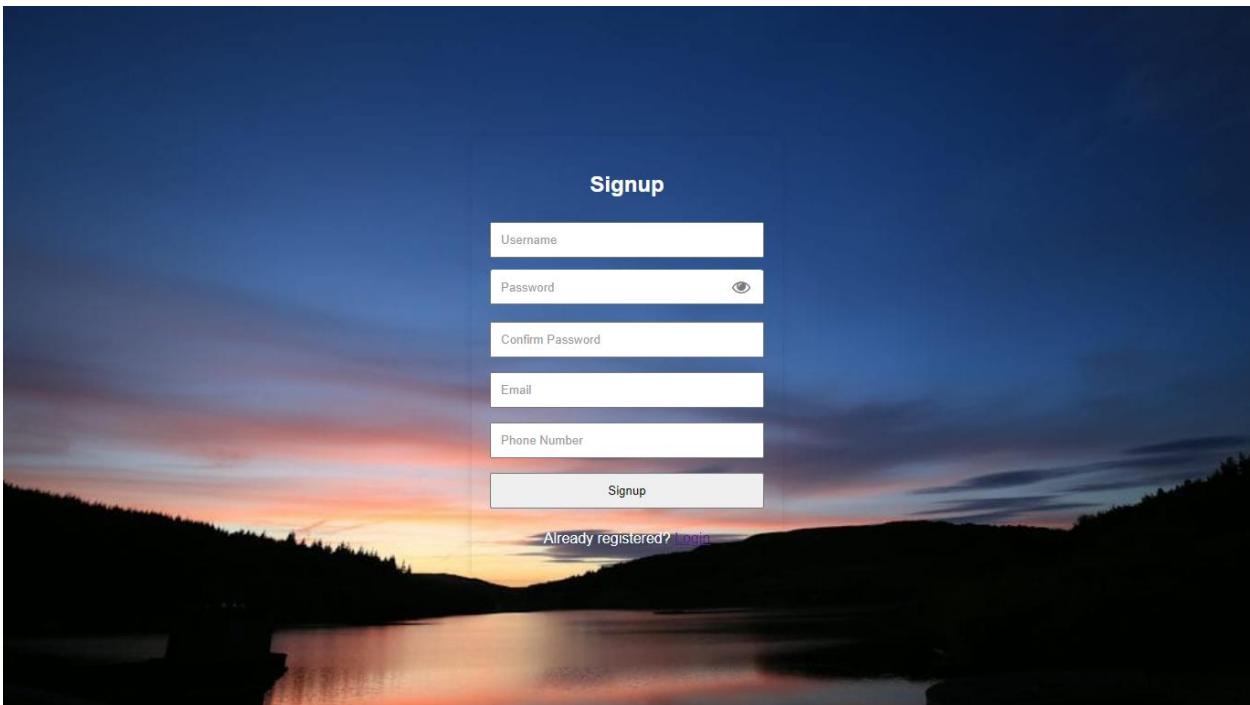
RETAILER LOGIN BEFORE WITHOUT DATA



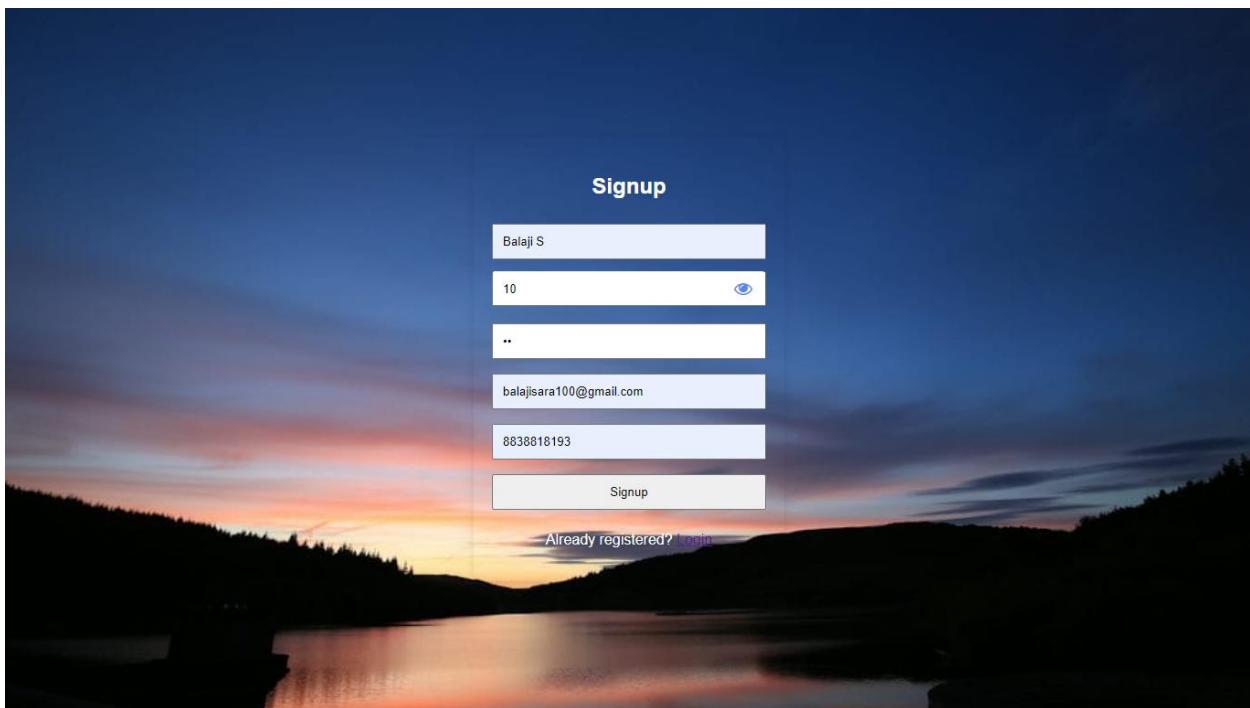
RETAILER LOGIN AFTER WITH DATA



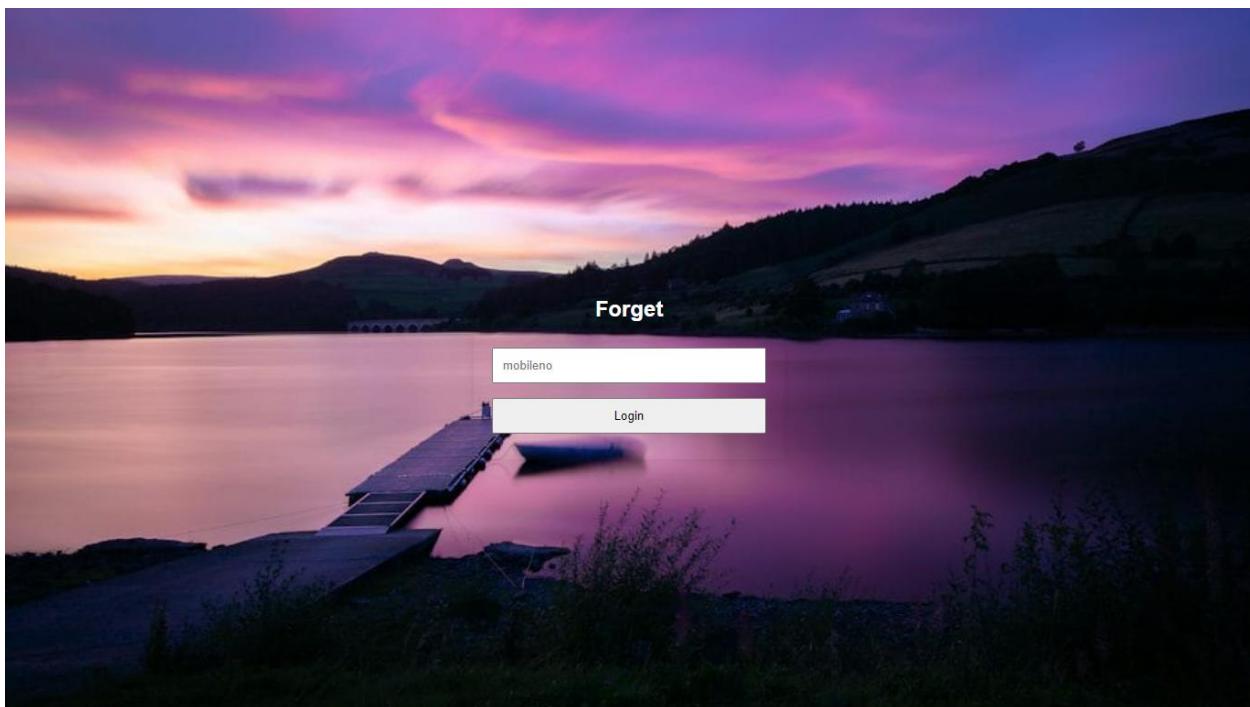
RETAILER SIGNUP BEFORE WITHOUT DATA



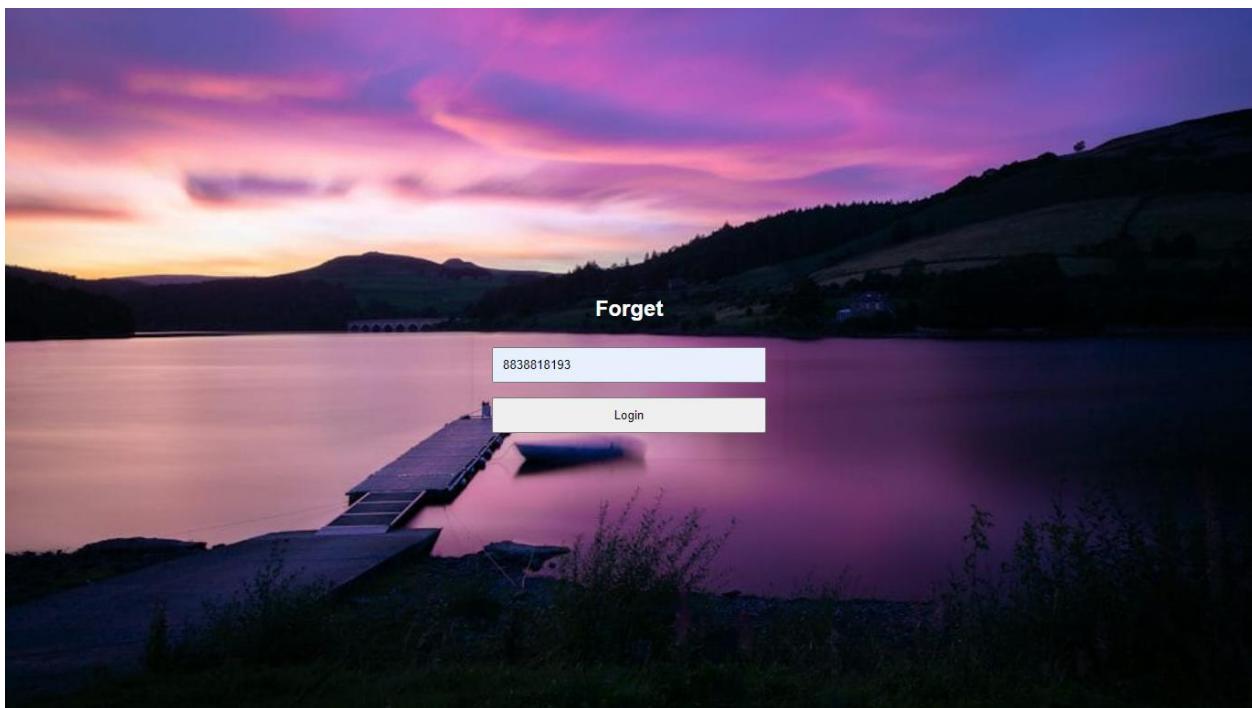
RETAILER SIGNUP AFTER WITH DATA



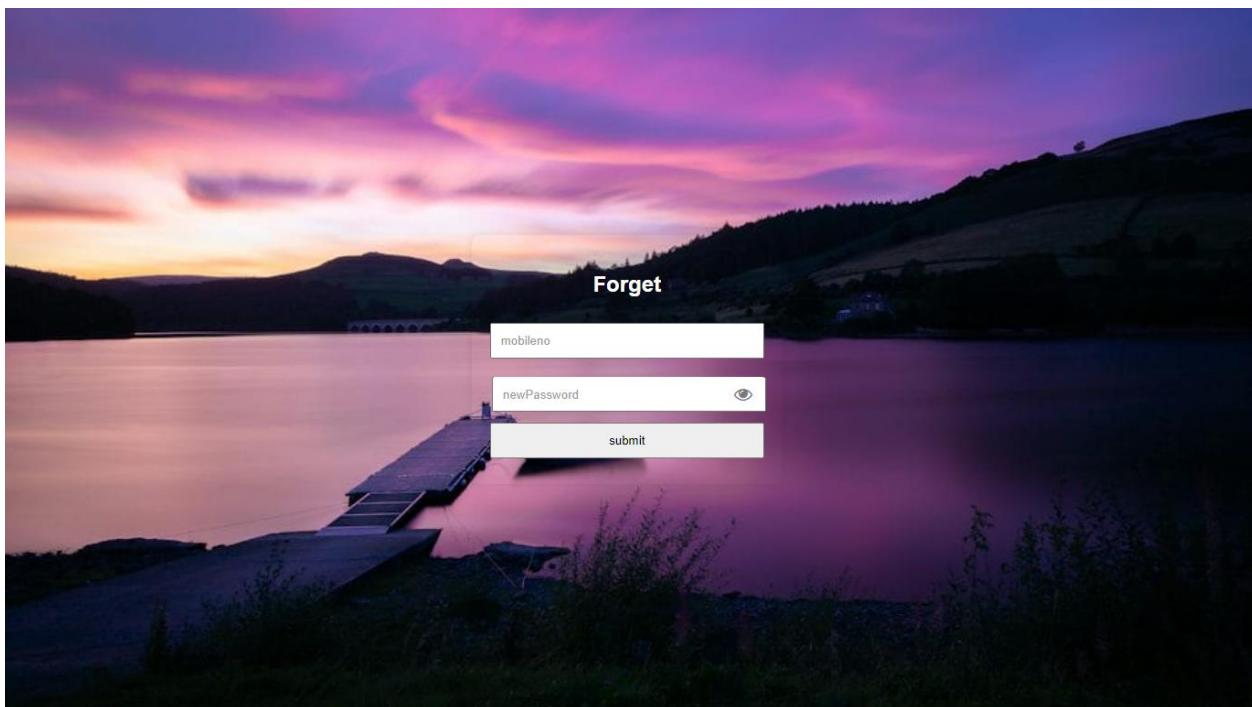
RETAILER FORGET BEFORE WITHOUT DATA



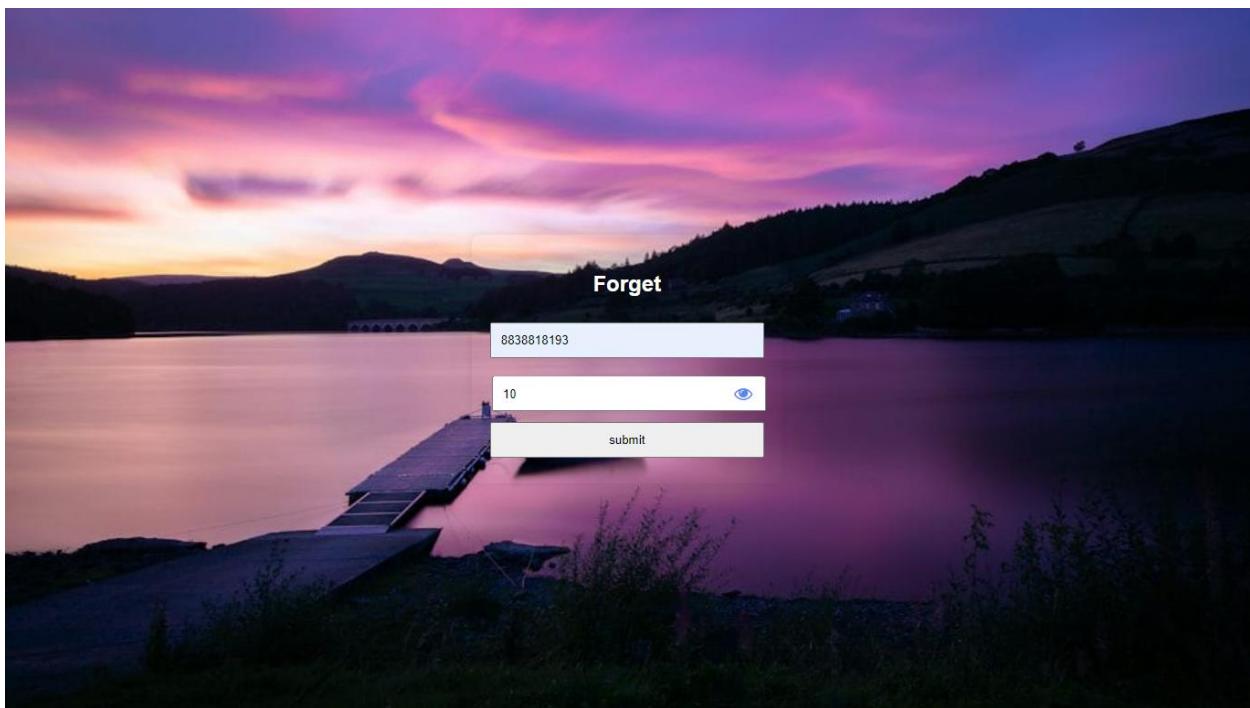
RETAILER FORGET AFTER WITH DATA (VALIDATION PHONENO)



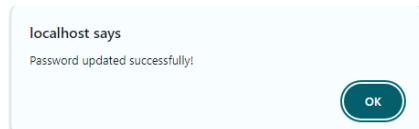
RETAILER SECFORGET BEFORE WITHOUT DATA



RETAILER SECFORGET AFTER WITH DATA (CHANGE PASSWORD)



RETAILER SECFORGET UPDATE



RETAILER PANEL

New Product Fruits Vegetables Nuts Subscription Issue Request Logout

Welcome, Guest!

**PROMISILY TOLD !
ORGANIC PRODUCTS
WILL BE SOLD**



NEW PRODUCT ADD BEFORE WITHOUT DATA

Product Details Form

Product Type:

Product Name:

Email:

Amount per kg(Rs.):

Discount per kg(Rs.):

Product Image:

No file chosen

NEW PRODUCT ADD AFTER WITH DATA

The screenshot shows a "Product Details Form" with the following data:

- Product Type: Fruits
- Product Name: orang
- Email: balajsara100@gmail.com
- Amount per kg(Rs.): 800
- Discount per kg(Rs.): 50
- Product Image: Choose File org.jpg

Buttons at the bottom include "Submit" and "Back to Home". A success message box is displayed in the center of the form area.

NEW PRODUCT ADDING

The screenshot shows a "Product Details Form" with the following data:

- Product Type: Select Type
- Product Name: (empty)
- Email: (empty)
- Discount per kg(Rs.): (empty)
- Product Image: Choose File No file chosen

A success message box is displayed in the center of the form area, stating "Product added successfully!". Buttons at the bottom include "Close" and "Back to Home".

FRUITS ADDED VISUAL

HOME

Fruits Product List

Product Type	Product Name	Phoneno	Amount per Kg	Discount per Kg	Image
fruits	orang	balajisara100@gmail.com	500	50	

VEGETABLES ADDED VISUAL

HOME

Vegetables Product List

Product Type	Product Name	Phoneno	Amount per Kg	Discount per Kg	Image
vegetables	tomato	balajisara100@gmail.com	50	0	

NUTS ADDED VISUAL

[Back to Home](#)

Nuts Product List

Product Type	Product Name	Phone no	Amount per Kg	Discount per Kg	Image
nuts	peant	balajisara100@gmail.com	100	0	

RETAILER SUBSCRIPTION

Subscription page

HOME

FARMER PACK

1 month pack=300
3 month pack=800
1 year pack=1500

PAYMENT

gpay, phone pay,
paytm no: 8838818193
customer care no: 8610791966




ISSUE REQUEST BEFORE WITHOUT DATA

Request Form

Username:

Email:

Phoneno:

Issue:

ISSUE REQUEST AFTER WITH DATA

Request Form

Username:

Email:

Phoneno:

Issue:

ISSUE REQUEST (SUBMIT)

localhost says
Form submitted successfully!

Email:

Phoneno:

Issue:

Select Type

RETAILER LOGOUT BEFORE CLICK

New Product Fruits Vegetables Nuts Subscription Issue Request [Logout](#)

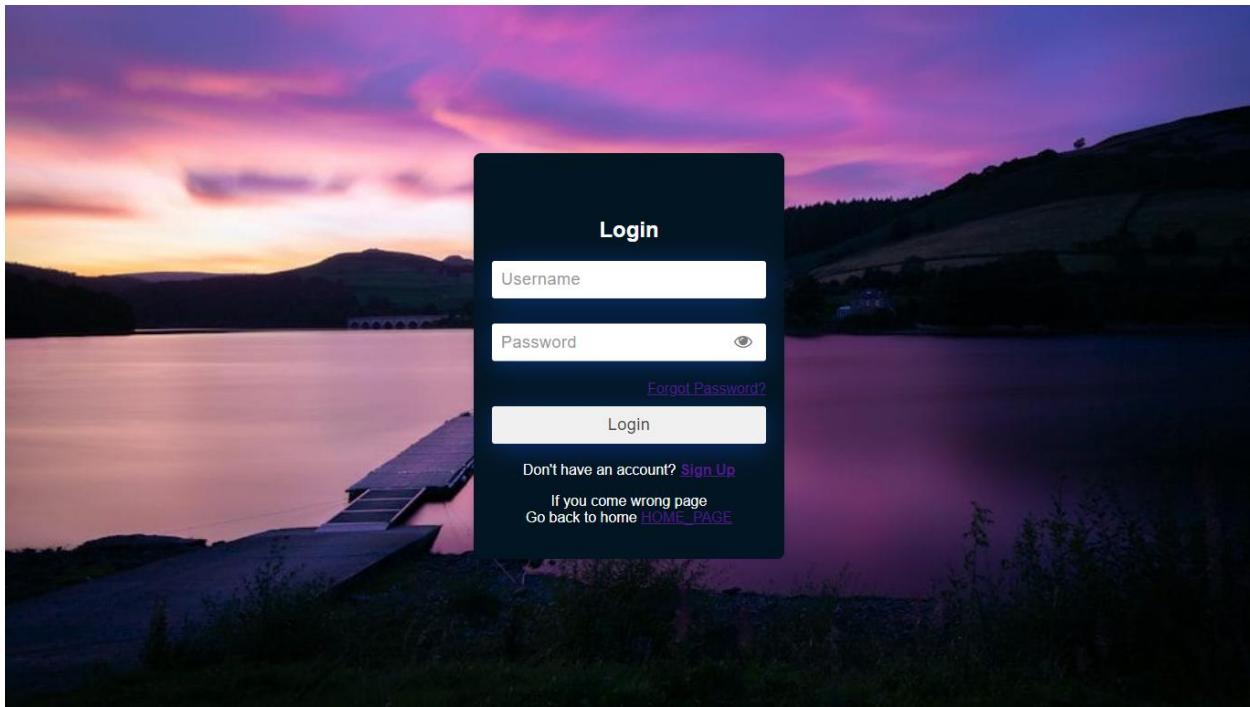
Welcome, Guest!

**PROMISILY TOLD !
ORGANIC PRODUCTS
WILL BE SOLD**



localhost/DFF1/retailer/retailer_login.php

RETAILER LOGOUT AFTER CLICK

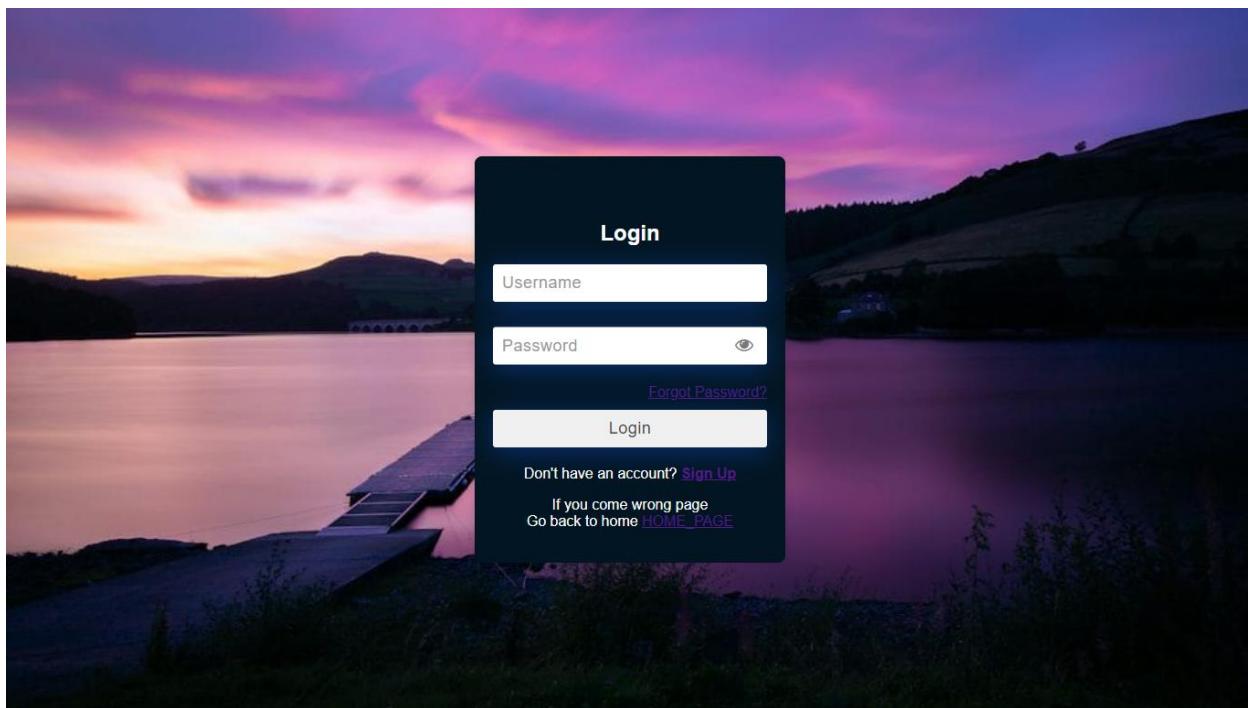


USER

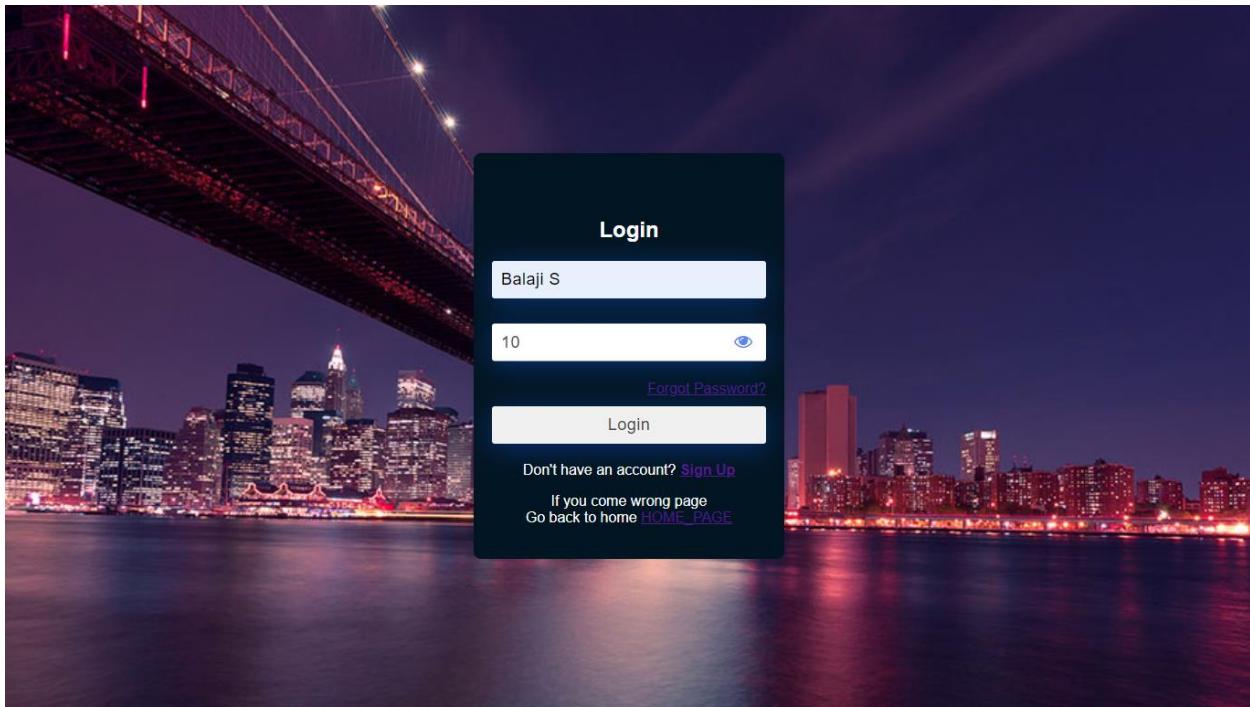
HOME PAGE



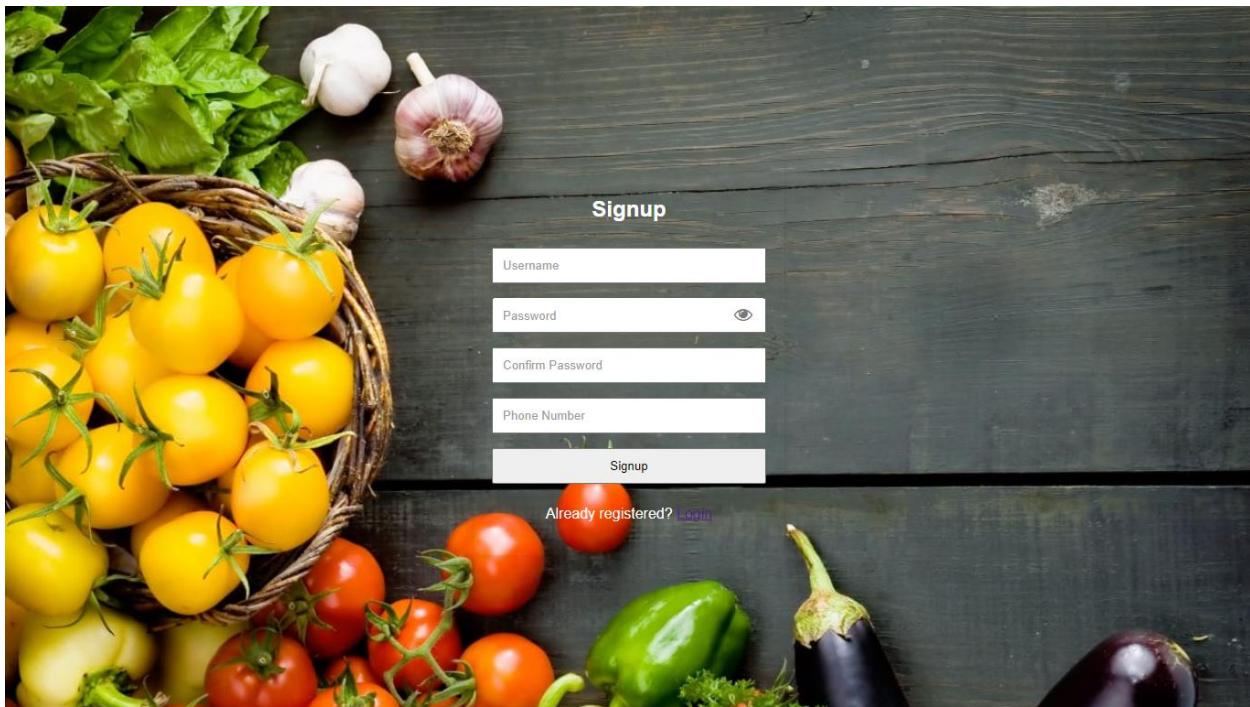
USER LOGIN BEFORE WITHOUT DATA



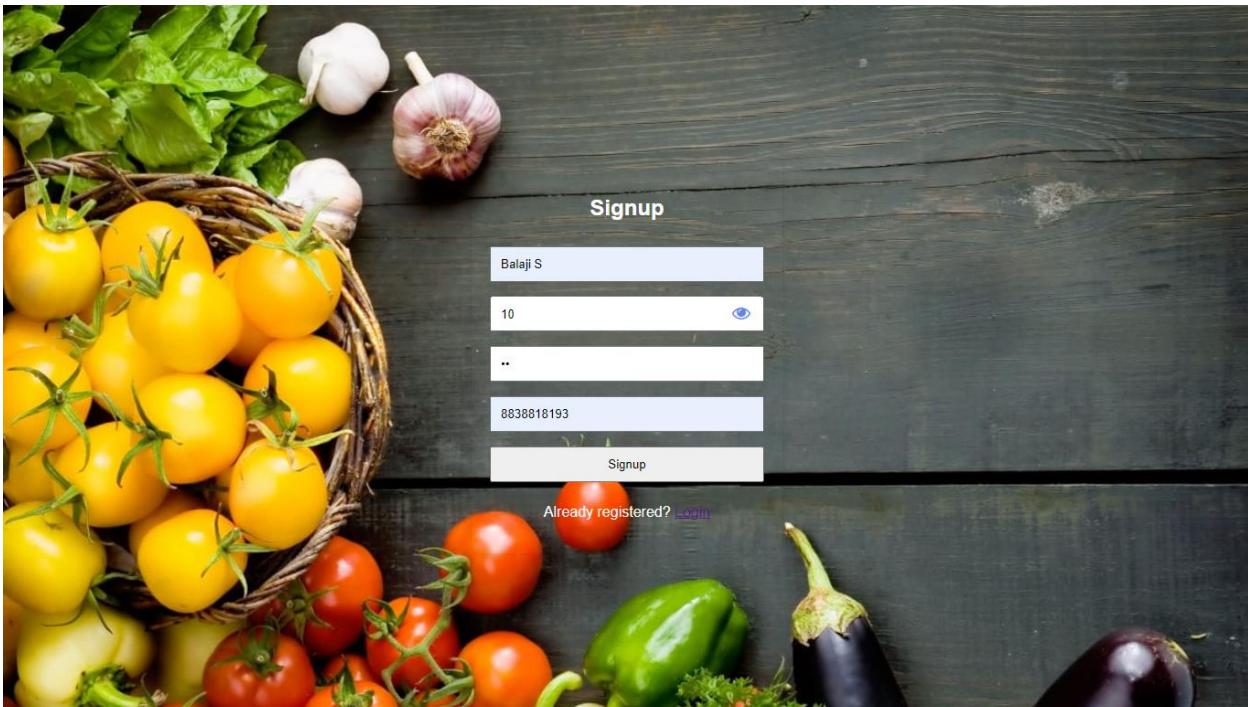
USER LOGIN AFTER WITH DATA



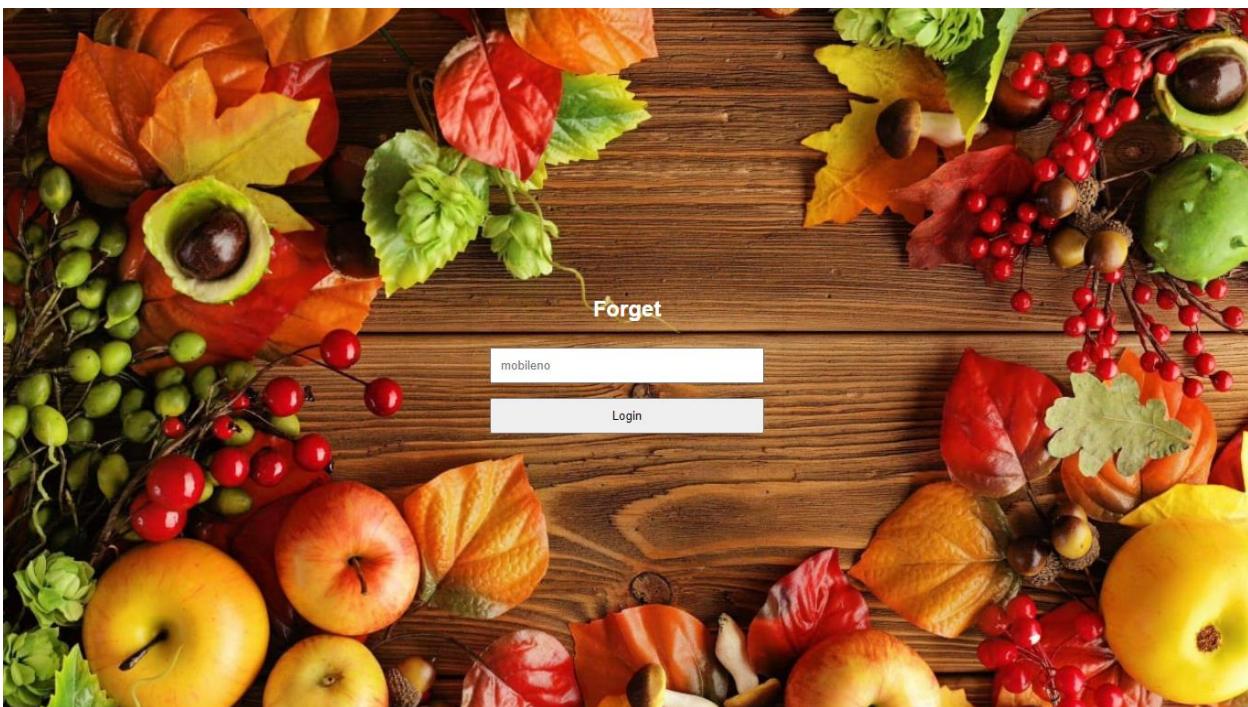
USER SIGNUP BEFORE WITHOUT DATA



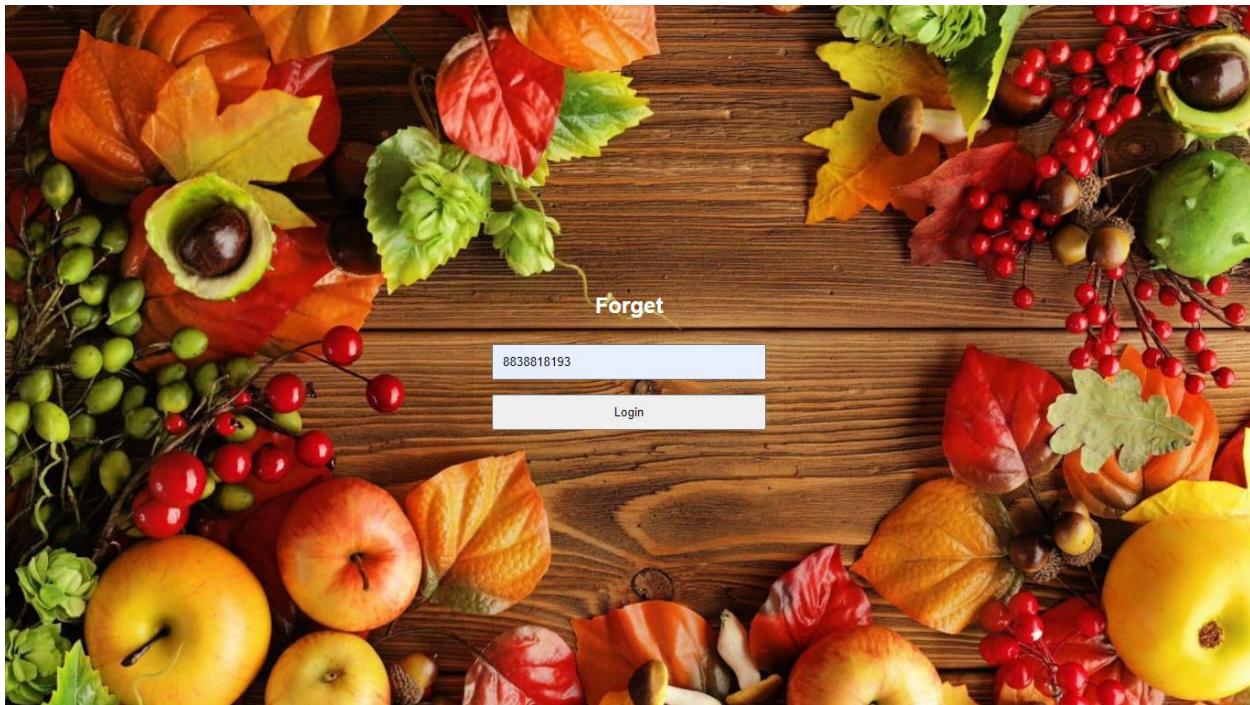
USER SIGNUP AFTER WITH DATA



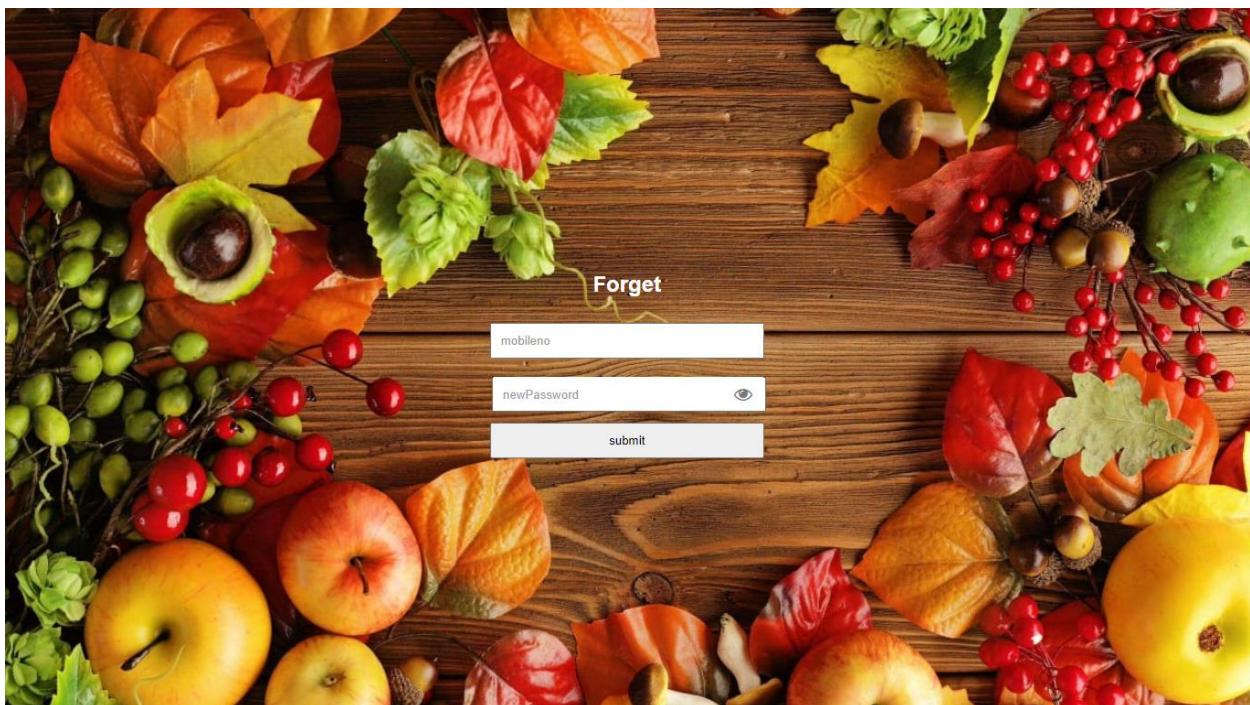
USER FORGET BEFORE WITHOUT DATA



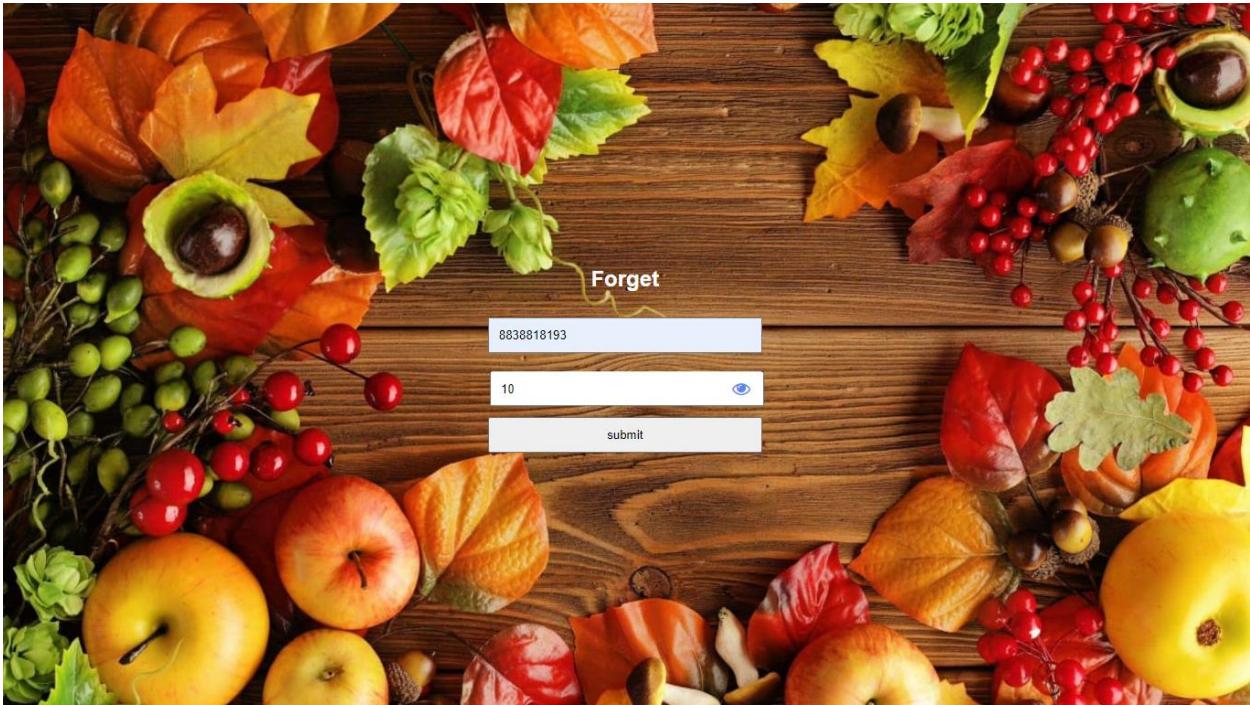
USER FORGET AFTER WITHOUT DATA (VALIDATING MOBILE NO)



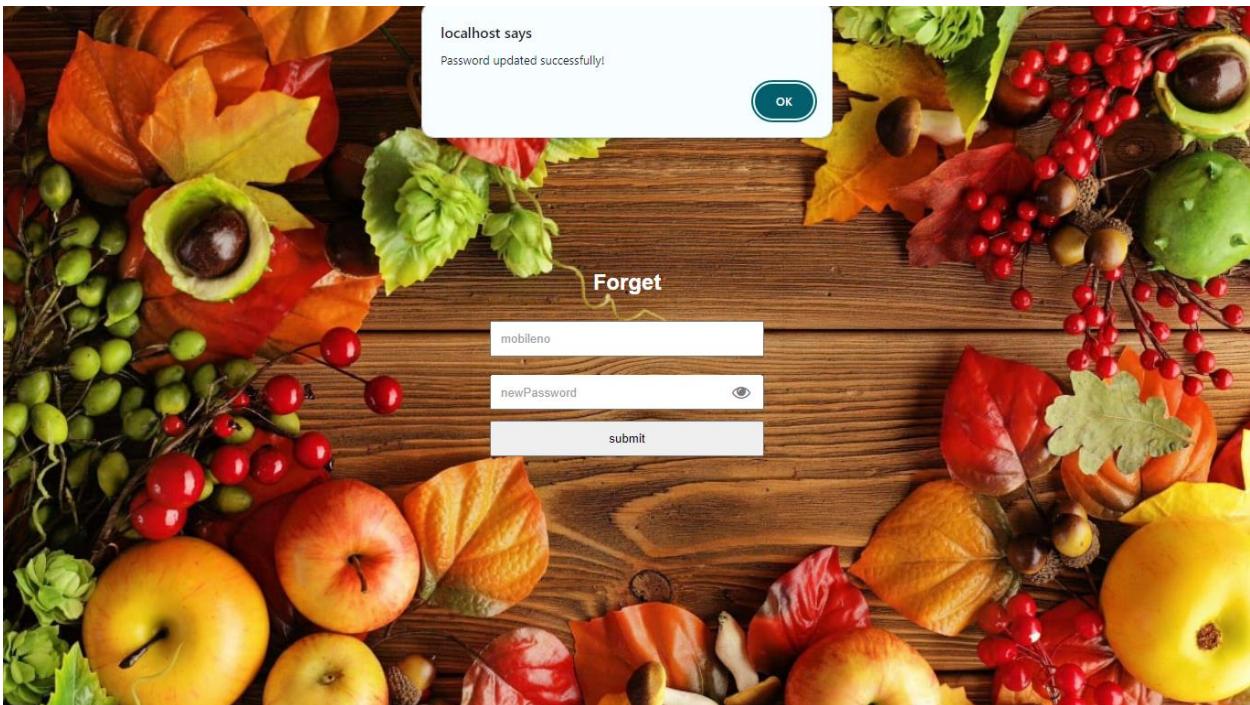
USER SECFORGET BEFORE WITHOUT DATA



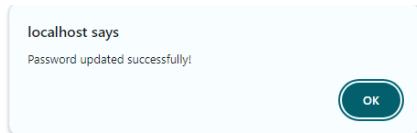
USER SECFORGET AFTER WITH DATA (CHANGE PASSWORD)



USER FORGET UPDATED



USER FORGET PASSWORD UPDATED



USER PRODUCT

A screenshot of a website for "DIRECT FARMER". The logo "DF" is above a stylized heart made of a red pepper and a green leaf. The main title "DIRECT FARMER" is in large green letters. Below it, a horizontal bar reads "ORGANIC FOOD IS A ORGANIC HEALTH". To the right is a "SUBSCRIPTION_PAGE" button. The page features a section titled "VEGETABLES" with three items: "Tomoto", "Onion1", and "Carrot", each with an image and a "View more" link. Each item also has a "FARMER NAME", "AREA", and "MOBILE NO." listed below it.

DF DIRECT FARMER

ORGANIC FOOD IS A ORGANIC HEALTH

SUBSCRIPTION_PAGE

VEGETABLES

Tomoto

FARMER NAME: Ganeshan
AREA: Villupuram
MOBILE NO: 8838818193

Onion1

FARMER NAME: Kumaravel
AREA: Coimbatore
MOBILE NO: 7859645218

Carrot

FARMER NAME: Sakthivel
AREA: Kancheepuram
MOBILE NO: 9685452537

[View more](#)

USER SUBSCRIPTION



VEGETABLE BUYING PAGE

The image shows a "Vegetables Product List" page. At the top right is a "HOME" button. Below it is a table titled "Vegetables Product List". The table has a "BUY" button at the top right and columns for Product Type, Product Name, Phone no, Amount per Kg, Discount per Kg, and Image. The data in the table is as follows:

Product Type	Product Name	Phone no	Amount per Kg	Discount per Kg	Image
vegetables	tomato	balajisara100@gmail.com	45	15	
vegetables	onion	balajisara100@gmail.com	55	15	
vegetables	carrot	balajisara100@gmail.com	60	10	

FRUITS BUYING PAGE

[HOME](#)

Fruits Product List

Product Type	Product Name	Phoneno	Amount per Kg	Discount per Kg	Image
fruits	bananna	balajisara100@gmail.com	60	10	
fruits	mango	balajisara100@gmail.com	120	20	
fruits	jack fruit	balajisara100@gmail.com	230	30	

NUTS BUYING PAGE

[Back to Home](#)

Nuts Product List

Product Type	Product Name	Phoneno	Amount per Kg	Discount per Kg	Image
nuts	Cashew Nuts	balajisara100@gmail.com	250	50	
nuts	almond	balajisara100@gmail.com	200	50	
nuts	peanut	balajisara100@gmail.com	80	20	

BILLING WITHOUT DATA PAGE

Billing Information

Name

Email Address

Billing Address

Mobile Number

Quantity:

Payment Mode

Fruits

Amount:
₹0

BILLING WITH DATA PAGE

Billing Information

Name

Email Address

Billing Address

Mobile Number

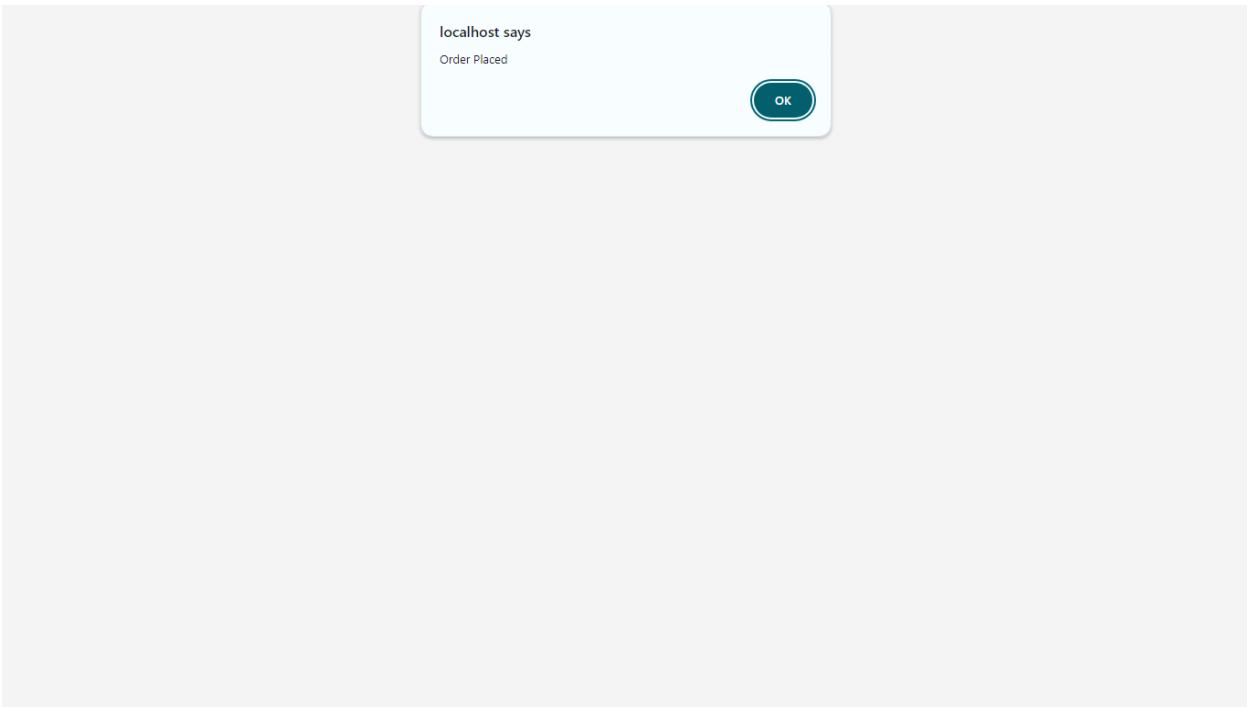
Quantity:

Payment Mode

Fruits

Amount:
₹150

ORDER PLACED



CONCLUSION

The Direct TO Farmer (D2F) Portal represents a transformative approach to agricultural commerce, fostering direct connections between farmers and consumers. By leveraging PHP, HTML, CSS, and MySQL, the portal offers a seamless and user-friendly experience. This innovative platform not only empowers farmers to increase profits by bypassing intermediaries but also enhances transparency and community engagement through features like Community Management, Direct Messages, and Open Reviews. Overall, the D2F Portal emerges as a promising solution that embraces technology to revolutionize the fresh produce market, benefiting both farmers and consumers alike.

REFERENCES

- <https://www.pexels.com/search/4k%20wallpaper/>
- <https://youtu.be/-C-qR1gziNc?si=f48a3YJw9Jk2y1WI>
- <https://www.w3schools.com/js>
- <https://youtu.be/UlxMjWvHJcU?si=-RhhknDF-Nmp925s>
- https://youtu.be/MC--T_ULUGE?si=LSKTVXaoPReoDF-9

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FURTHER ENHANCEMENT

-  Update a payment method in website subscription
-  It's startup idea to build a big brand in India
-  Add & upgrade product types
-  To develop a retailer request quires page
-  Develop cart page
-  Develop online bill payment mode

