



**ATSS**

**Institute of Industrial and Computer  
Management and Research**

**Academic Year 2023-2024**

**MCA IV**

**“ PROJECT REPORT”**

- Title of the Project:- **Dairy Dome**
- Company / Client Name & Contact Details (if any):- **Dudh Utpadak Sahkari Sanstha Maryadit Advihir [R.N :- 297]**

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<b>Project Guide</b>	<b>Mrs. Swati Kirange</b>
<b>Division</b>	Technocrats

# CERTIFICATE

## To whomsoever it may Concern

This is to certify that Mr. Prasad Patil of Institute of Industrial and Computer Management and Research (IICMR) pursuing his full time Master's Degree in Computer Applications has successfully completed the project assigned to him entitled—"DairyDome" from December 2023 to till date. The project is a Web based Application developed and designed by him using technologies such as Python, Django, and SQLite covering the following requirements:

- 1) A 'DiaryDome' application is used for Purchasing Various Diary Product by ease of an web based Application.
- 2) Our Application is User friendly and has a Smooth Interface for Customers.
- 3) Our System is capable to bridge the gap between Customers and Diary Product Seller.

This letter is solely issued for college purpose only upon his request.

We would like to wish him the best luck in his future endeavours.

**Kind Regards** आडविहीर दूध उत्पादक सह. रास्था

मर्या.आडविहीर रजि.नं.२१७

**Dudh Utpadak Sahkari Sanstha Maryadit Advihir [R.N :- 297]**

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**Name :- Ravindra Patil**

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## Acknowledgement

I own my sincere gratitude to all those people who have given me their constant support and encouragement without which my project report would not reached this stage.

I would like to express my thanks to **Mrs. Swati Kirange** from her advice and encouragement. She has been pillar of strength through the project till preparation of this report and helped by boosting morale, so I could surmount the difficulties that came across the completion of this project.

I would like to express my gratitude to **Dr. Deepali Sawai**, Director, IICMR College Pune. And **Prof. Renu Mathew**. Head of computer department for the support and infrastructure they have provided, so I could successfully complete the project on time.

Last but not the least I would like to express my sincere thanks to all staff members and friends for their help and cooperation in all phases of project .

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# **1 Chapter 1. INTRODUCTION**

## **1.1 Abstract: -**

- In the fast-moving world, most of people do not have time to step out of the door to buy dairyproducts.
- Faster Process: - To make sure gets his/her desire product, the Dairy shop management willprovide a faster response to complete the process.
- Centralized: - All types of data and the activities related to the application will be kept in a singleplace so that it is easy to monitor the application and provide the customer the best services.
- It is designed such a way that one can view all the updates of the products from any place throughonline.

## **1.2 Existing System and Need of System: -**

### **Existing System: -**

- An existing system provides manual paperwork or an excel sheet to track the buying and sellingproduct details.
- The customer has to go to the medical shop where the customer can get the required dairy products. Most of the time customer does not get required product which him/her looking the products at different locations. Which results in wasting a lot time in it.
- In the existing system, you cannot provide feedback of the service provided to the admin (shopkeeper) directly.

## **2 Need Of System: -**

- The new system is totally Web based application. Nowadays, there is dairy shop management which benefits customers greatly.
- A new system provides features like time efficiency to show product details and whatever the customer will give the feedback to the admin(shopkeeper).
- This system provides various types of dairy products.
- The buying of product is done easily by customer.

### **1.3 Scope of System: -**

- The Dairy shop management to keep detailed records of both the dairy products and thecustomers.
- The system will be mainly design for small shops that sell dairy products to customers.
- The application will have the ability to carry out a transaction.
- This system will automate the process of buying and selling the products.

## **1.4 Operating Environment – Hardware and Software: -**

### **Hardware Requirements:**

- Processor : i5
- Hard Disk : 28 GB or more
- RAM : 4 GB or more
- Operating System : Any

### **Software Requirements:**

- Any Operating System
- VS Code
- Any web browser

## **1.5 Technology Used: -**

### **Java script:**

JavaScript is a script-based programming language developed by Netscape Communication Corporation. JavaScript originally called Live Script and renamed as JavaScript to indicate its relationship with Java.

### **3 HTML:**

HTML, an initialize of Hypertext Markup Language, is the predominant markup language for web pages. It provides a means to describe the structure of text-based information in a document.

### **CSS:**

Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

### **BOOTSTRAP4:**

Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

### **MySQLite:**

SQLite is a C-language library that implements a small, fast, self-contained, high-reliability, full-featured, SQL database engine. SQLite is the most used database engine in the world. SQLite is built into all mobile phones and most computers and comes bundled inside countless other applications that people use every day.

### **Python:**

**Python has a simple syntax similar to the English language.** Python has syntax that allows developers to write programs with fewer lines than some other programming languages. Python runs on an interpreter system, meaning that code can be executed as soon as it is written.

## **Chapter 2. Proposed System**

### **study of Similar System: -**

Managing the process of customer registration can be extremely time consuming and tedious.

When these things are done manually, the process takes long time and is very inefficient.

Here we take a look at how intelligent automation and software improves the for managementprocess

### **Feasibility Study: -**

#### **1) Technical feasibility:**

- The proposed system is technically feasible on account of following reason:
- The system is being developed in Visual Studio Code and MySQLite (Database).
- The hardware and software requirement to operate or develop the system is easily available thusit is technically feasible.

#### **2) Economical feasibility: -**

- The technique of cost benefit analysis is used to access the economical feasibility. It is findingthat the proposed system is more cost effective than existing system due to following reasons:
  - Automation process reduces processing time, which results in saving of valubleresources.
  - The system seems to be quite cost effective because by limited persons, variety of jobcarried out effectively, accurately, reliable, economically with the help of machine.
  - Maintenance cost is reduced, as there is no need of maintaining some data in variousrecords from various documents.
  - There is no need of extra employees it reduces cost.
  - No need of extra registers, which too reduces the expenses.

### **3) Operational feasibility: -**

- The proposed system is operationally feasible due to following reasons:
  - The design system uses systematic approach.
  - It provides operating requirement of organization effectively; it gives auto generated reports.
  - The end user need not necessarily be a computer professional to operate the system and no special training is required for operating system.
  - Any person can acquaint himself to the system with little practice.

### **2.3 Objectives of Proposed System: -**

- Through this web application, managing and maintaining data become easier.
- This system is user friendly to satisfy the users need.
- This system provides result very quickly.

### **3.1 Users of System: -**

#### **1. Admin/Seller: -**

- The admin module gives the access to the police officer.

#### **2. Customer: -**

- Customer can buy the products online

## **Chapter 3. Analysis and Design**

### **3.1 System Requirements (Functional and Non-Functional): -**

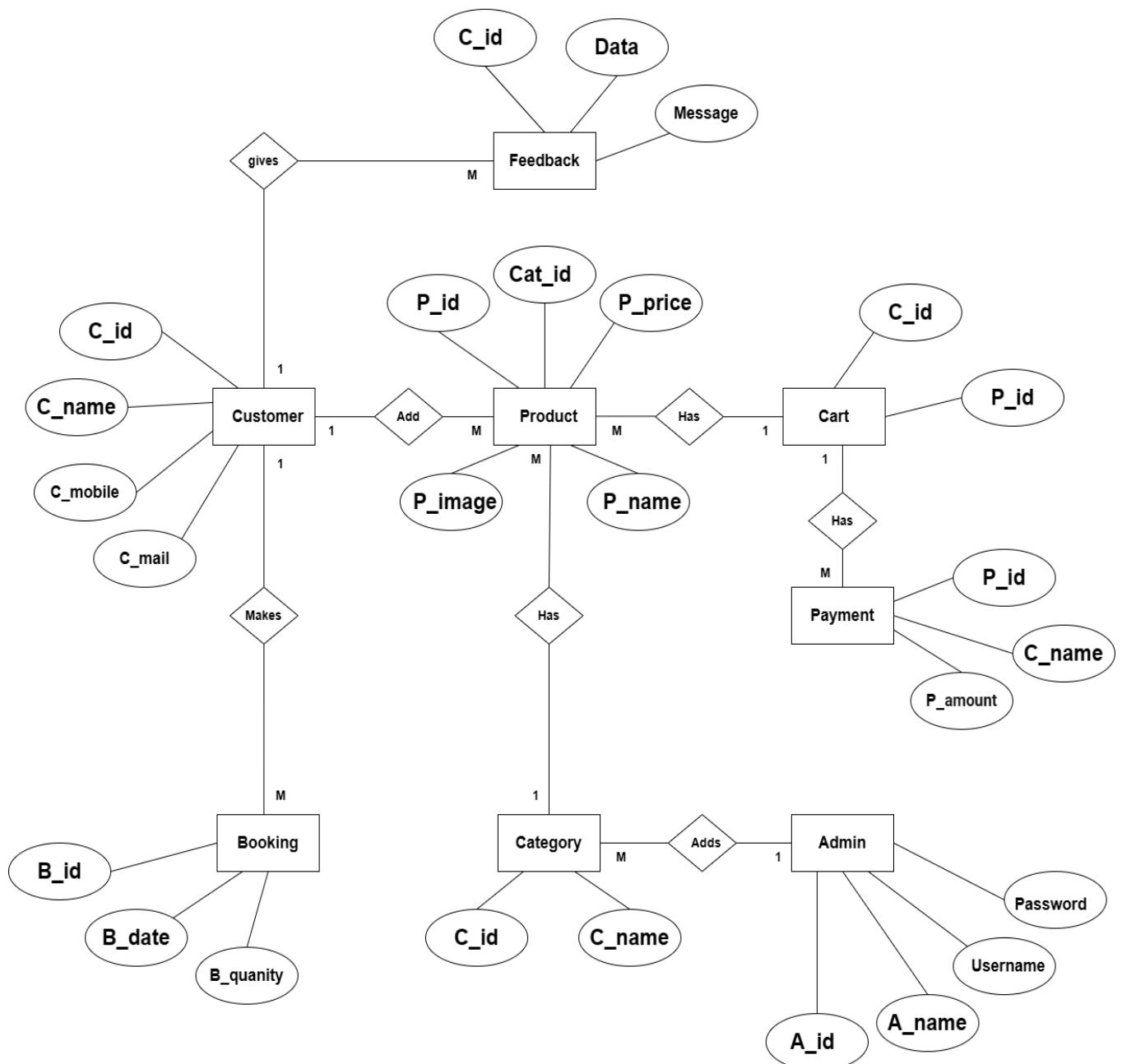
#### **3.1.1 Functional Requirements: -**

- Customer can register in this system.
- Customers can order products online of there choice.
- Seller can keep there products for selling easily.
- 24/7 support.

#### **3.1.2 Non-Functional Requirements: -**

- **Efficiency:** This website provides a user-friendly interface to the admin, and customerand it can be easily accessible.
- **Availability:** This web application is available 24/7 anywhere with user machine.
- **Usability:** DairyDome would be easy to use and also provide a user-friendly environmentfor admin and customer.
- **Reliability:** The system would provide the reliable environment. All the tasks wouldperform easily.
- **Ease of Use:** The proposed system will be user-friendly and would provide a GraphicalUser Interface (GUI).

### 3.2 Entity Relationship Diagram: -



### 3.3 Table Structure: -

#### 1. Customer(login)

Name	Type	Null	Constraints
id	int(10)	No	Primary Key
UserName	varchar(30)	No	-
Password	varchar(128)	No	-

#### 2. product

Name	Type	Null	Constraints
id	Int	No	Primary key
image	varchar(100)	No	-
name	varchar(30)	No	-
price	Int	No	-
desc	Text	No	-
category_id	Int	No	-

#### 3. category

Name	Type	Null	Constraints
id	Int	No	Primary key
name	varchar(30)	No	-

#### 4. booking

Name	Type	Null	Constraints
id	int	No	Primary key
book	varchar(30)	No	-
total	int	Yes	-
booking_id	varchar(20)	Yes	-
profile_id	integer	Yes	-
quality	varchar(100)	No	-
status_id	integer	No	

#### 5. cart

Name	Type	Null	Constraints
id	Int	No	Primary key
product_id	Int	Yes	-
profile_id	Int	Yes	-

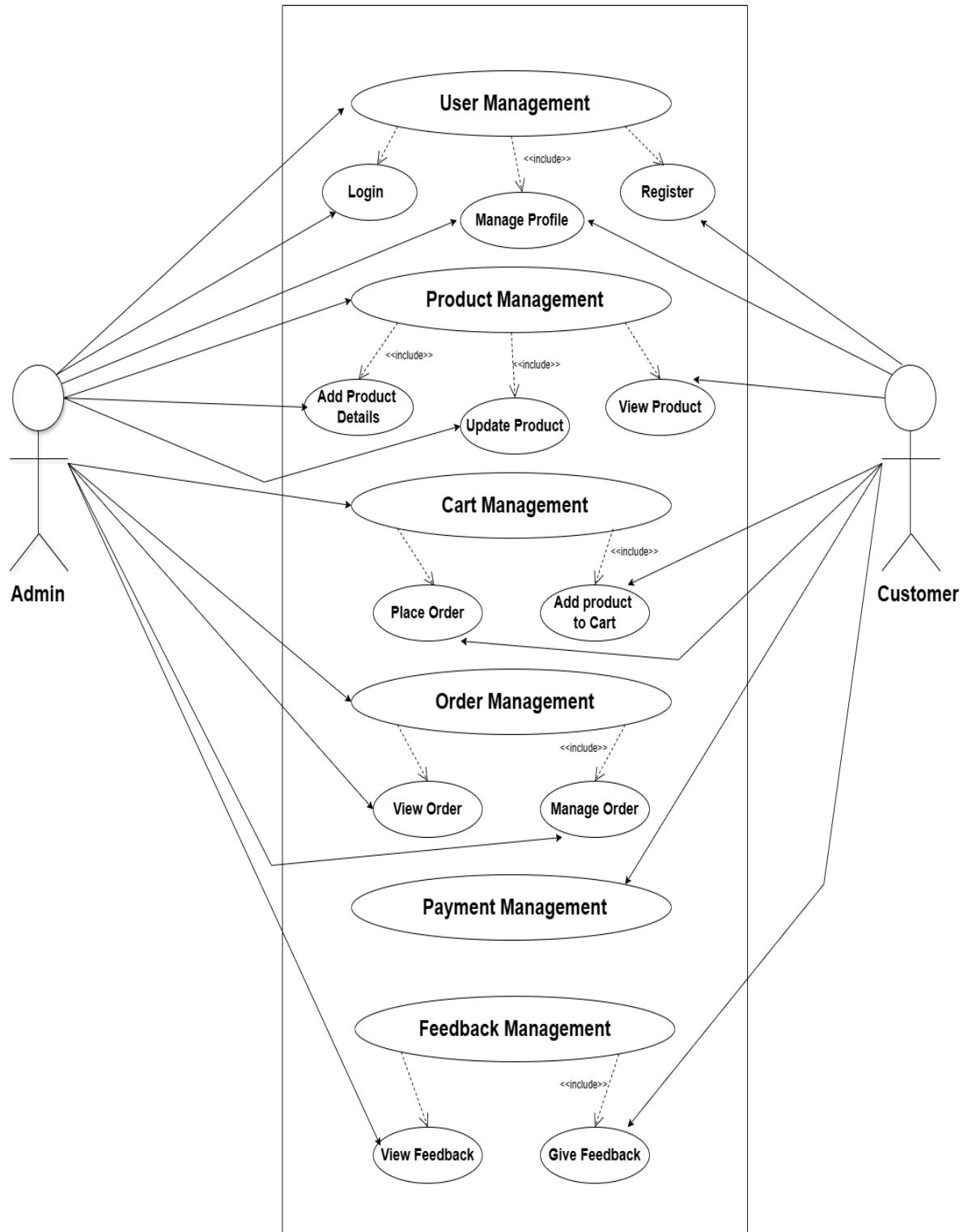
## **6. profile(customer registration)**

Name	Type	Null	Constraints
id	Int	No	Primary key
password	varchar(128)	Yes	-
username	varchar(50)	Yes	-
last_name	varchar(50)	Yes	-
email	varchar(50)	Yes	-
first_name	varchar(50)	Yes	-

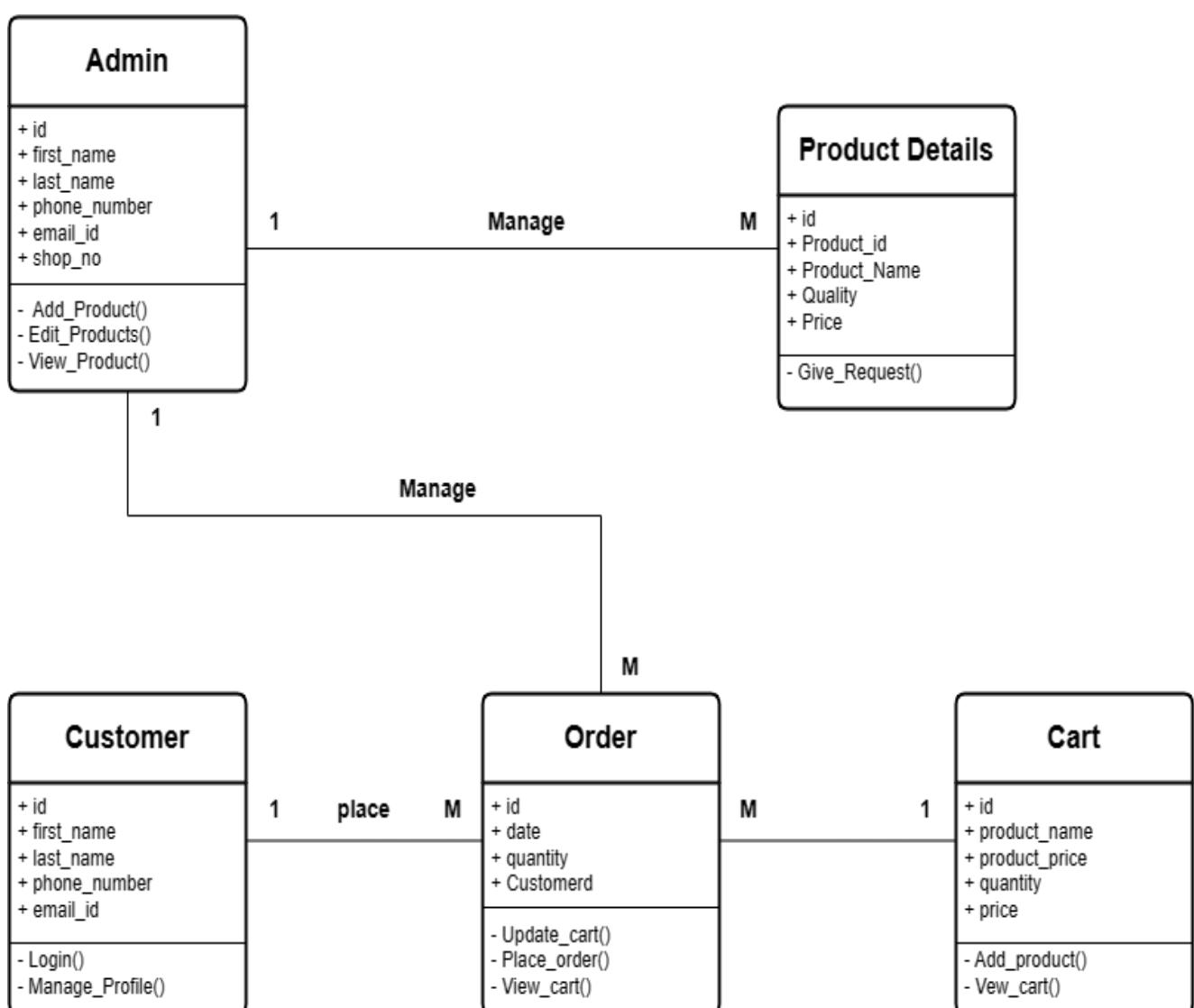
## **7. feedback**

Name	Type	Null	Constraints
id	Int	No	Primary key
message	Text	No	-
date	varchar(30)	No	-
profile_id	Int	No	-

### 3.4 Use Case Diagram: -

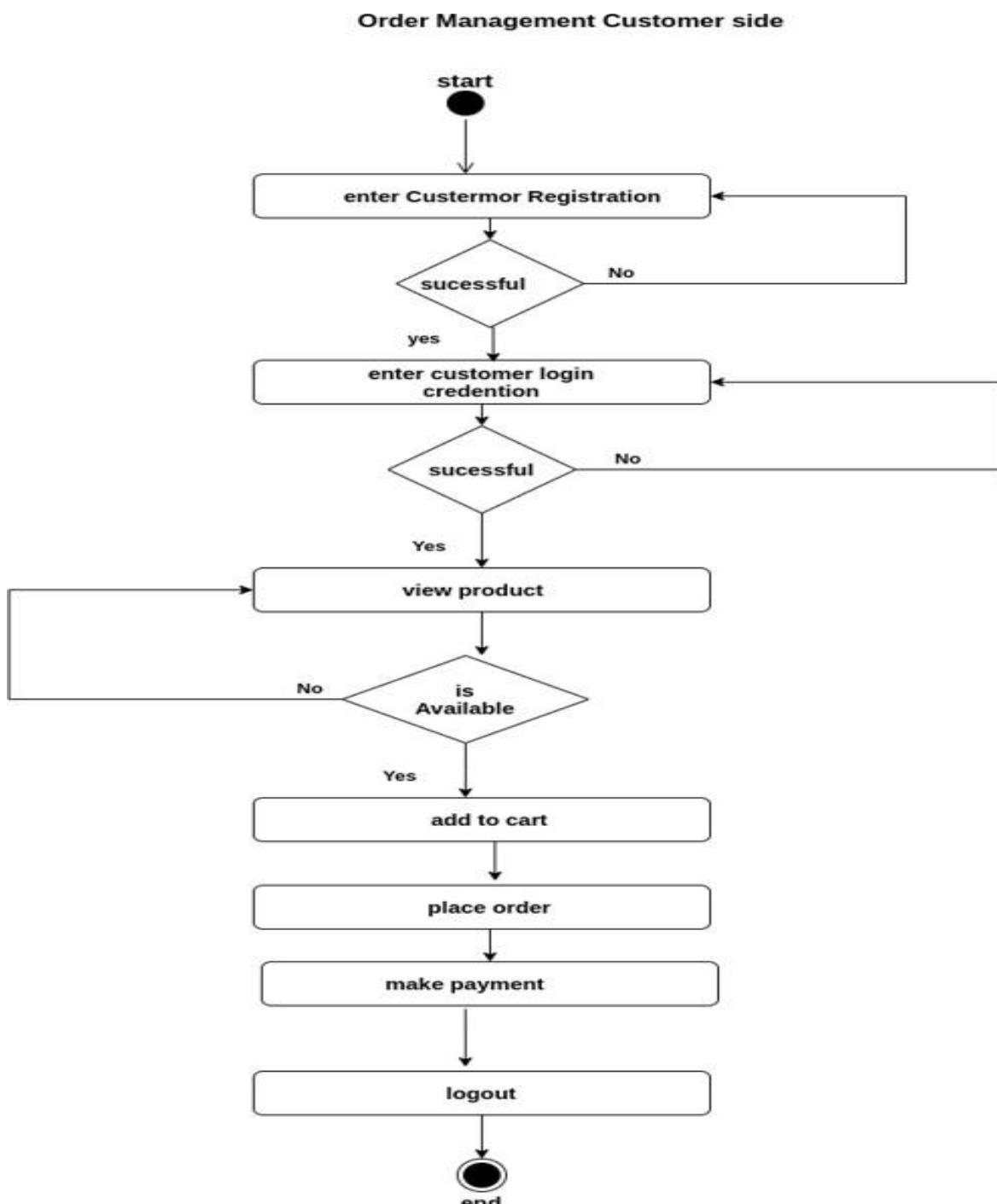


### 3.5 Class Diagram: -

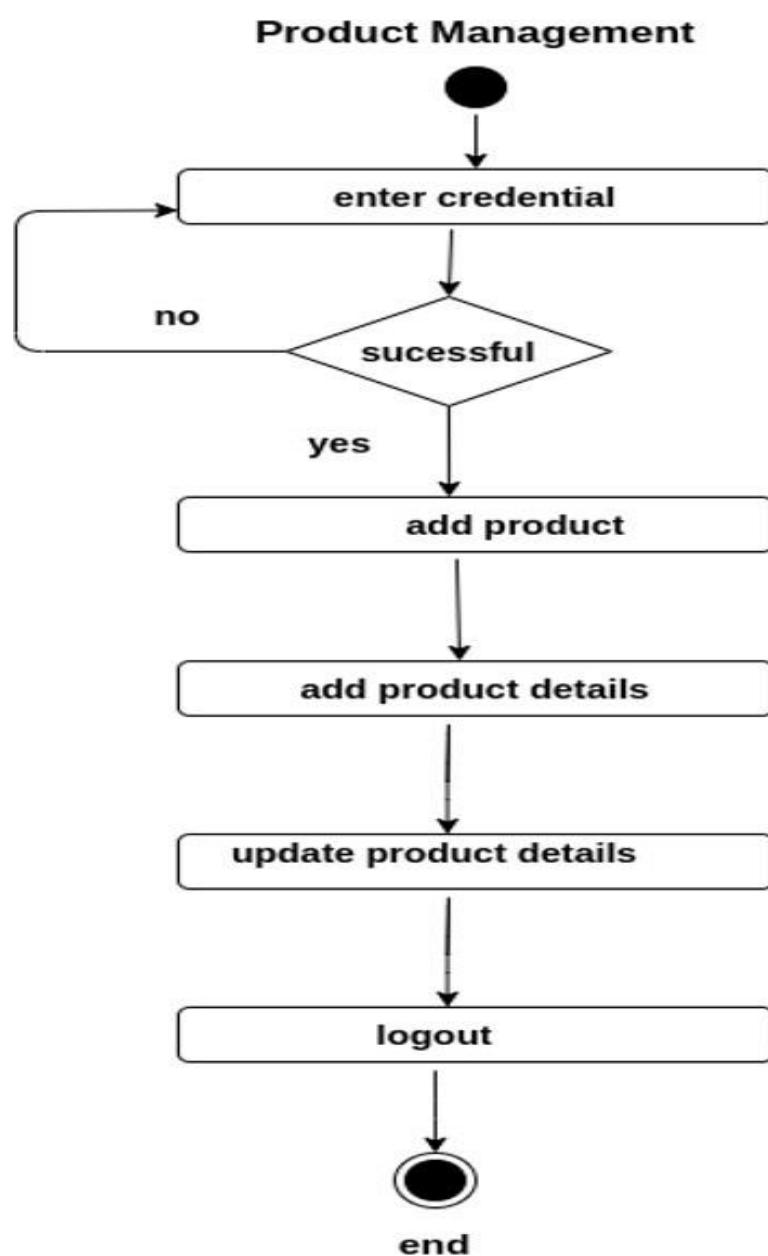


### 3.6 Activity Diagram: -

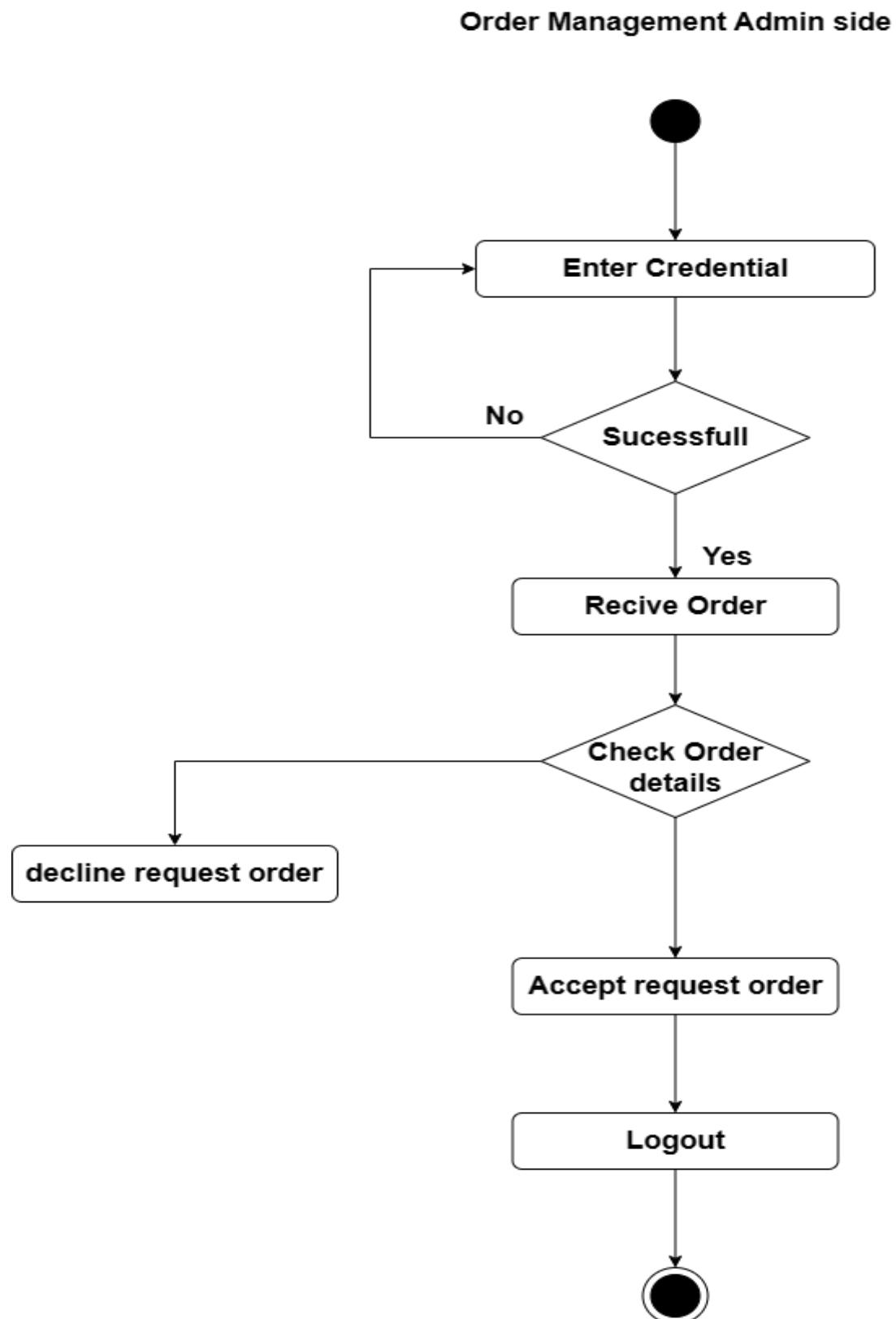
#### 1. Order Management Customer Side:



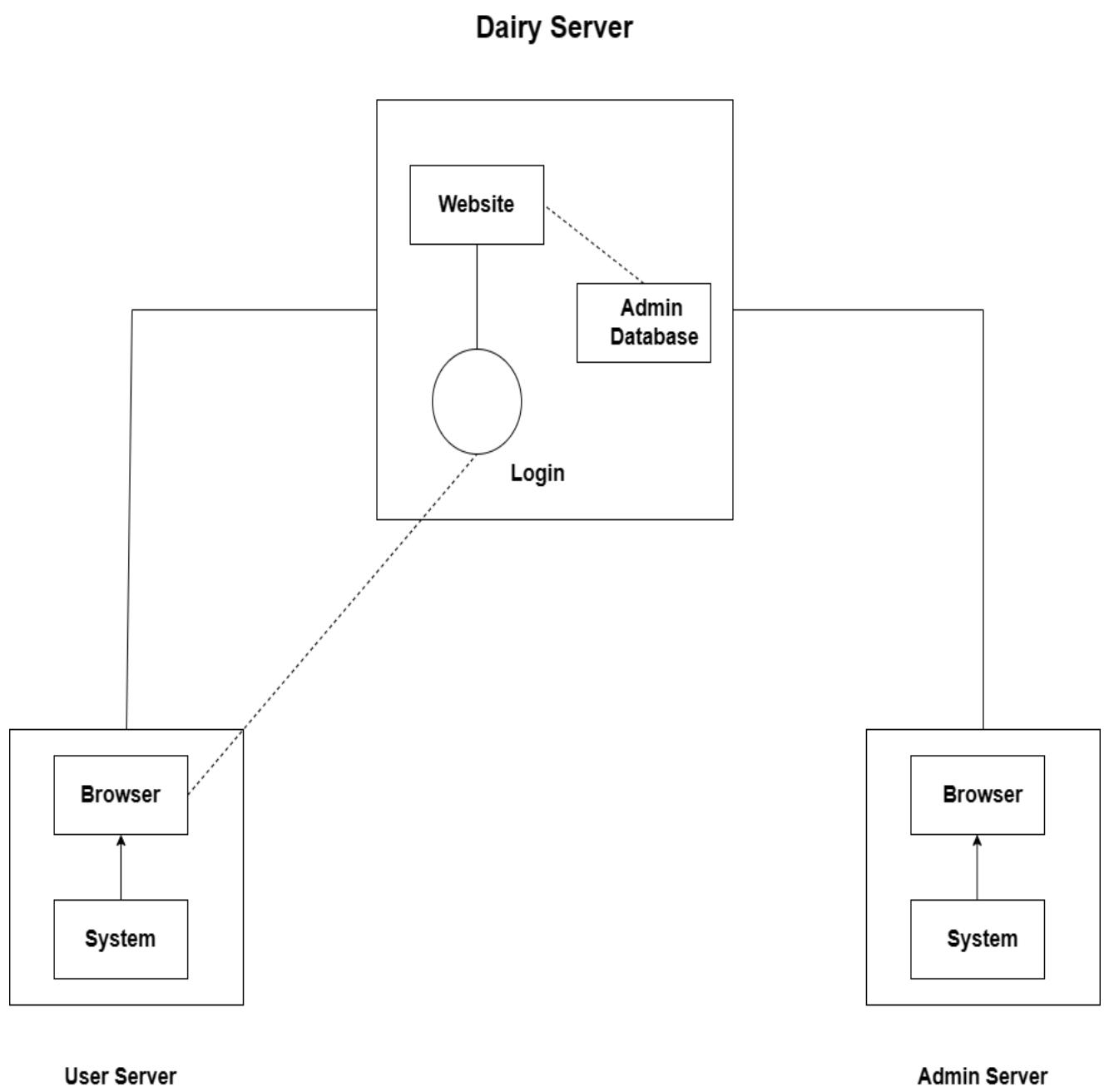
### 3.7 Product Management :-



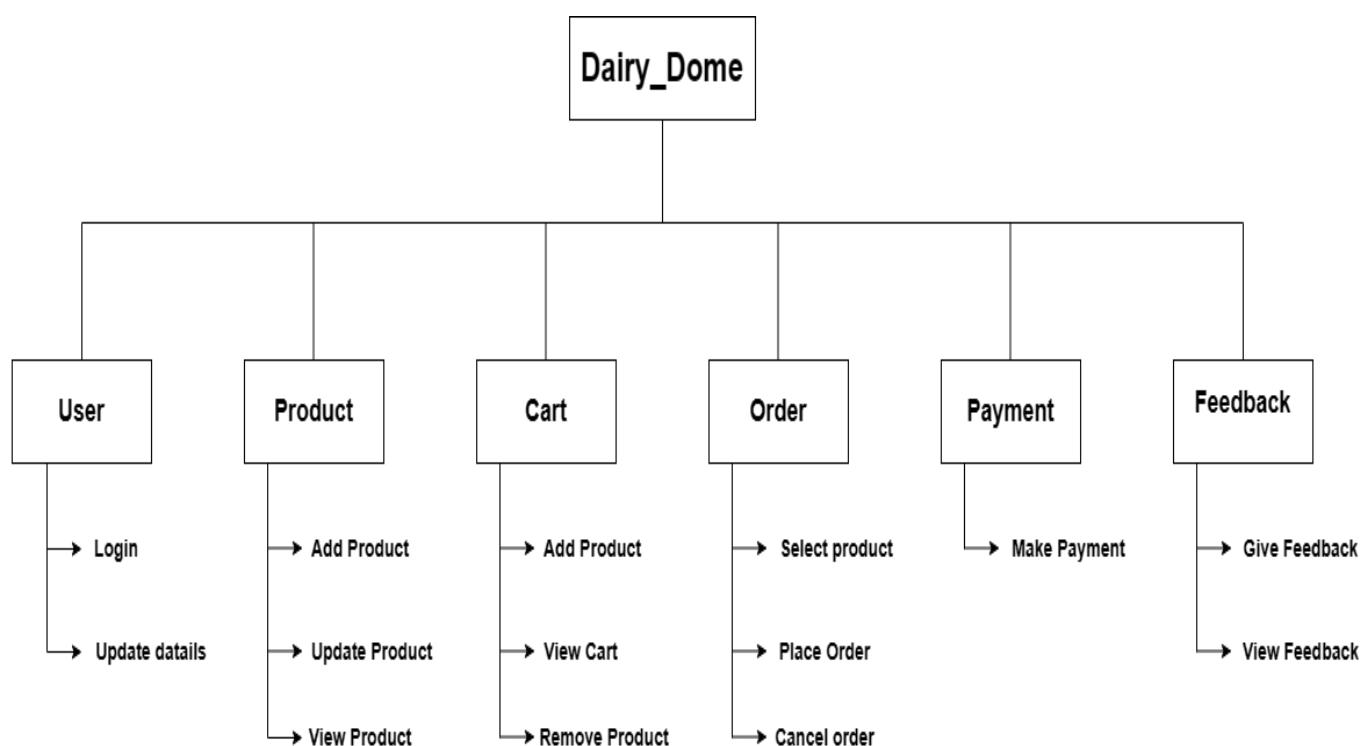
### **3.8 Order Management Admin side:**



### 3.9 Deployment Diagram: -



### 3.10 Module Hierarchy Diagram: -

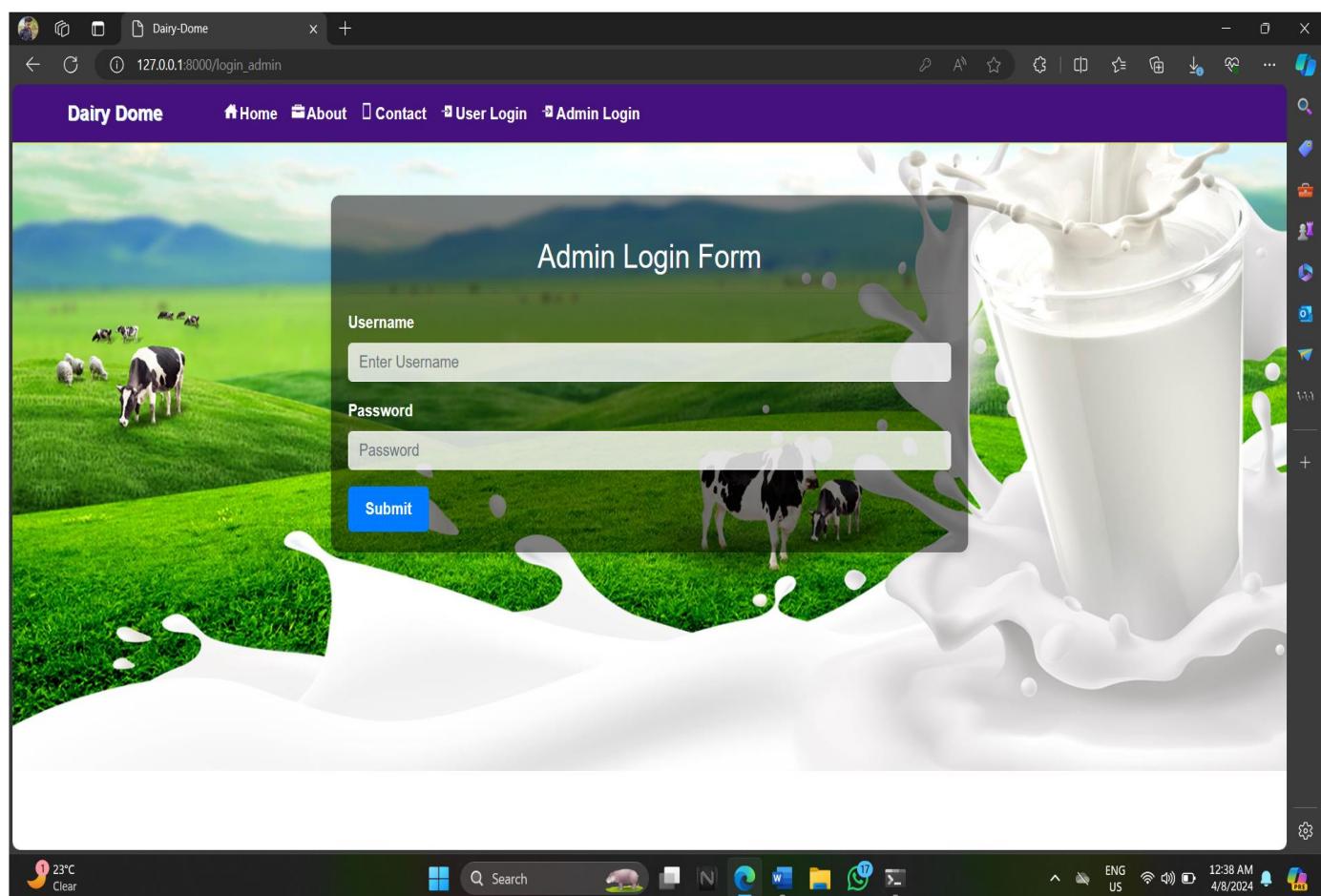


### 3.11 Sample Input and Output Screens:-

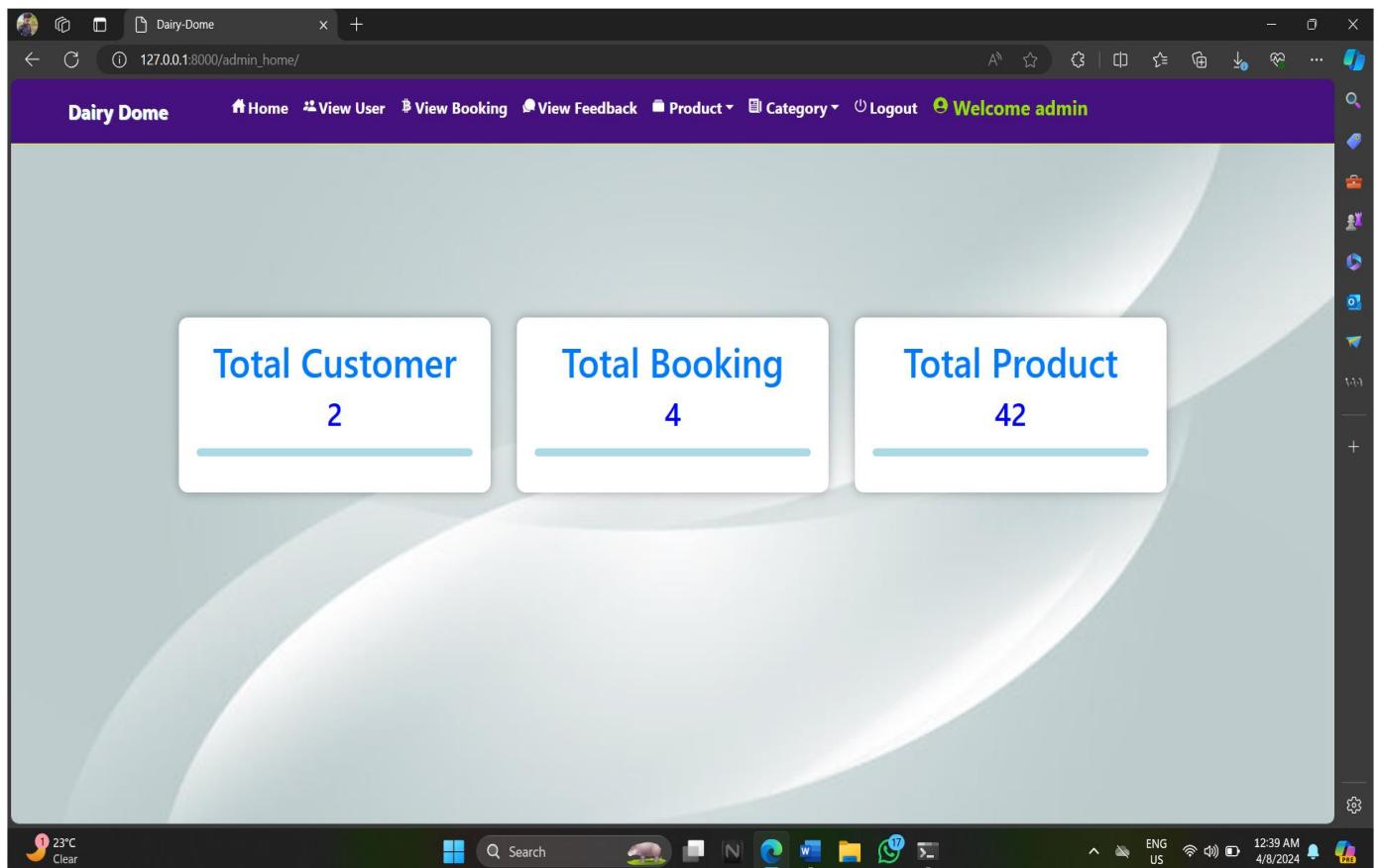
#### Screens: - Sample Input

##### ❖ Admin Side Screen:-

##### ➤ Login Page:-



➤ Home Page:-



## ➤ View User:-

Screenshot of a web browser showing the 'View User' page of the 'Dairy Dome' application.

The URL in the address bar is 127.0.0.1:8000/view\_user.

The page title is 'View User Detail'.

The table displays user information:

Image	First Name	Last Name	Contact	City	Email Id	Delete
	Prasad	Patil	9604126194	Pune	PRASADPATIL24212@gmail.com	<button>Delete</button>
	Nitin	Bhopale	9284626844	Advihir	nitin123@gmail.com	<button>Delete</button>

Showing 1 to 2 of 2 entries

Page navigation: Previous, 1, Next

System tray icons include: Weather (23°C Clear), Search, Task View, File Explorer, File History, Taskbar settings, Network, Battery, Volume, and Date/Time (12:41 AM, 4/8/2024).

## ➤ View Booking:-

Dairy Dome

Home View User View Booking View Feedback Product Category Logout Welcome admin

### View Booking

Sr. No	Booking ID	Booking Date	Customer name	Email Id	Quantity	Total	Status	View Product	Cancel Booking
1	nitin123.320	April 5, 2024	nitin123	nitin123@gmail.com	1	454	in progress	detail	cancel
2	nitin123.364	April 5, 2024	nitin123	nitin123@gmail.com	1	1	in progress	detail	cancel
3	nitin123.320.320	April 5, 2024	nitin123	nitin123@gmail.com	2	908	pending	detail	cancel
4	nitin123.324	April 6, 2024	nitin123	nitin123@gmail.com	1	320	delivered	detail	cancel

Show 10 entries Search:

Showing 1 to 4 of 4 entries Previous 1 Next

23°C Clear

Search

12:42 AM 4/8/2024 ENG US

## ➤ View Feedback:-

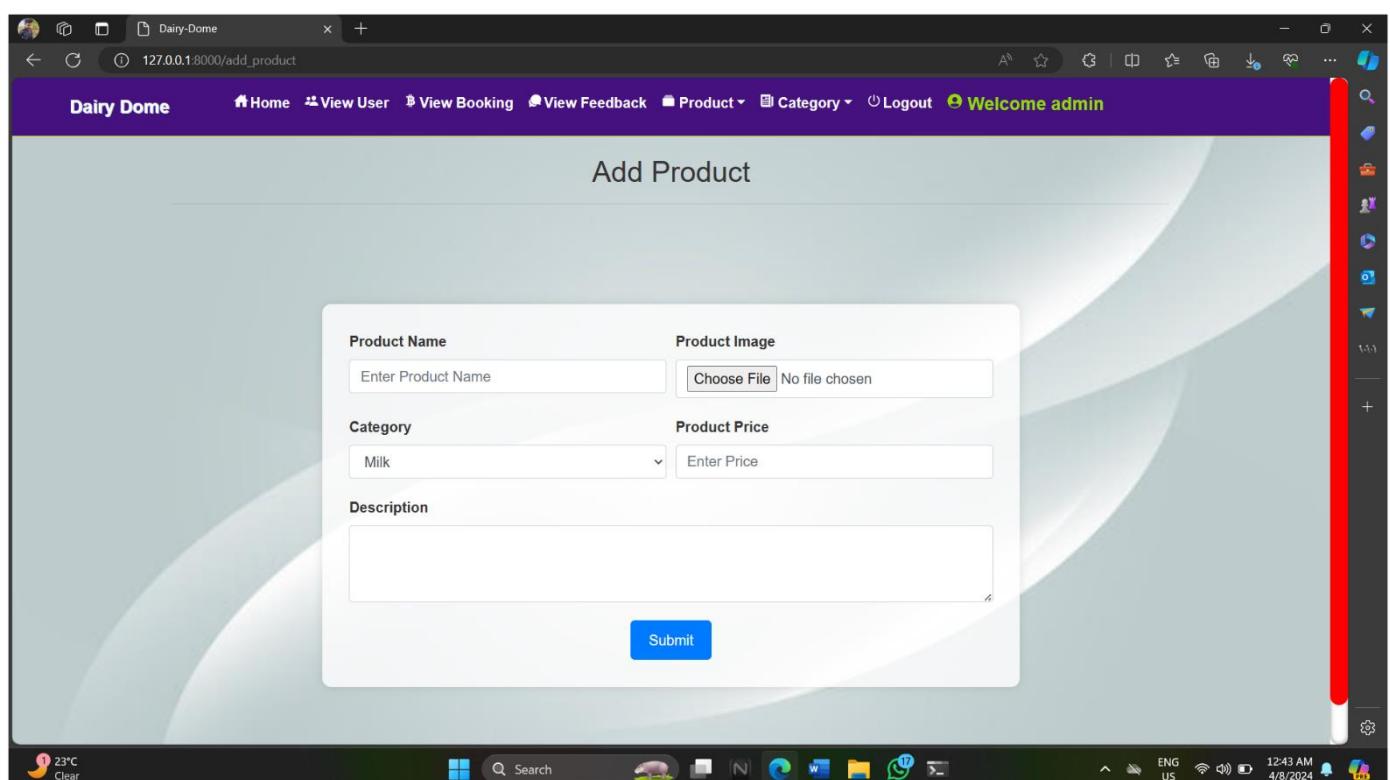
The screenshot shows a web browser window with the URL [127.0.0.1:8000/view\\_feedback](http://127.0.0.1:8000/view_feedback). The page title is "View Feedback". The header includes the "Dairy Dome" logo and navigation links: Home, View User, View Booking, View Feedback, Product, Category, Logout, and a welcome message for "admin".

The main content area is titled "View Feedback" and contains a table with one row of data. The table columns are: Username, Contact Number, Email Id, Date, Message, and Remove. The data row is:

Username	Contact Number	Email Id	Date	Message	Remove
nitin123	9284626844	nitin123@gmail.com	April 5, 2024	Product: [Panner] Rating: [*****] Feedback: I recently purchased [Panner] from your website, and I wanted to ... <a href="#">Read More</a>	<a href="#">Delete</a>

Below the table, it says "Showing 1 to 1 of 1 entries". The bottom of the screen shows the Windows taskbar with various icons and system status.

## ➤ Add Product:-



Dairy-Dome 127.0.0.1:8000/add\_product

Dairy Dome    Home View User View Booking View Feedback Product Category Logout Welcome admin

### Add Product

Product Name      Product Image

Enter Product Name  Choose File No file chosen

Category      Product Price

Milk  Enter Price

Description

23°C Clear Search          ENG US 12:43 AM 4/8/2024

## ➤ View Product:-

Dairy-Dome 127.0.0.1:8000/admin\_view\_product

Dairy Dome Home View User View Booking View Feedback Product Category Logout Welcome admin

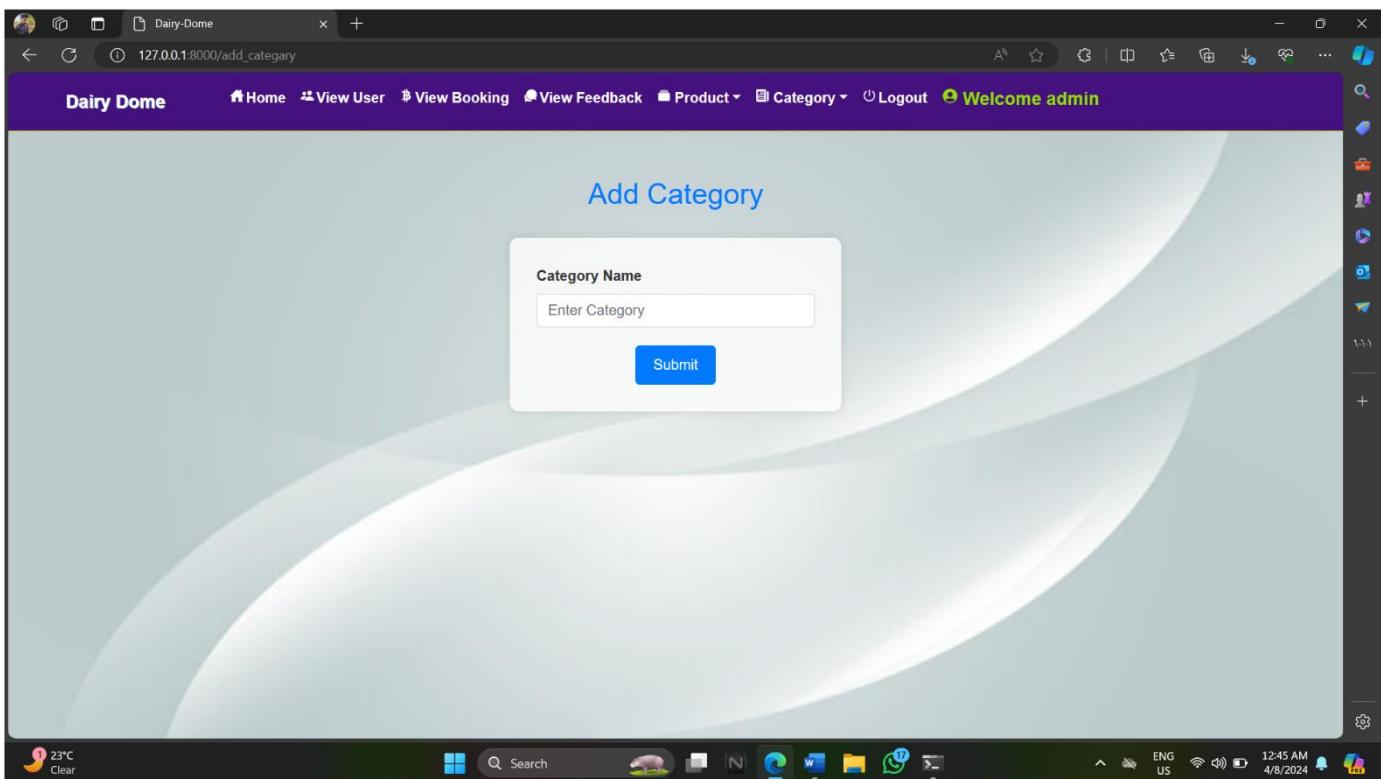
### View Product

Show 10 entries Search:

Product Name	Image	Category	Price	Description	Action
Akshayakapala-milk(1L)		Milk	340	"Akshayakapala Milk (1L, 4 Pack): Fresh, Abundant, Nutritious; Convenient Supply."	Delete
Amar-Dahi (100gm)		Curd	14	"Amar Curd: Creamy, Tangy, Rich; Enhance Every Meal with Flavor."	Delete
Amul butter (100gm)		Butter	65	"Amul Butter (100gm): Creamy, Rich, Flavorful; Perfect Spread for Delightful Meals."	Delete
Amul Chaach(500ml)		ButterMilk	32	"Amul Chaach Buttermilk (500ml): Refreshing, Creamy, Nourishing; Perfect for Every Meal."	Delete
Amul Panner(1kg)		Panner	454	"Fresh Amul Paneer: Creamy, Rich, Nutritious; Perfect for Delicious Dishes."	Delete
Amul Rose Flavor:		Sterilized Flavored Milk	25	"Amul Rose Flavor: Fragrant, Refreshing, Unique; Floral Twist to Refreshment."	Delete

23°C Clear Search ENG US 12:44 AM 4/8/2024

## ➤ Add Category:-



## ➤ View Catrgory:-

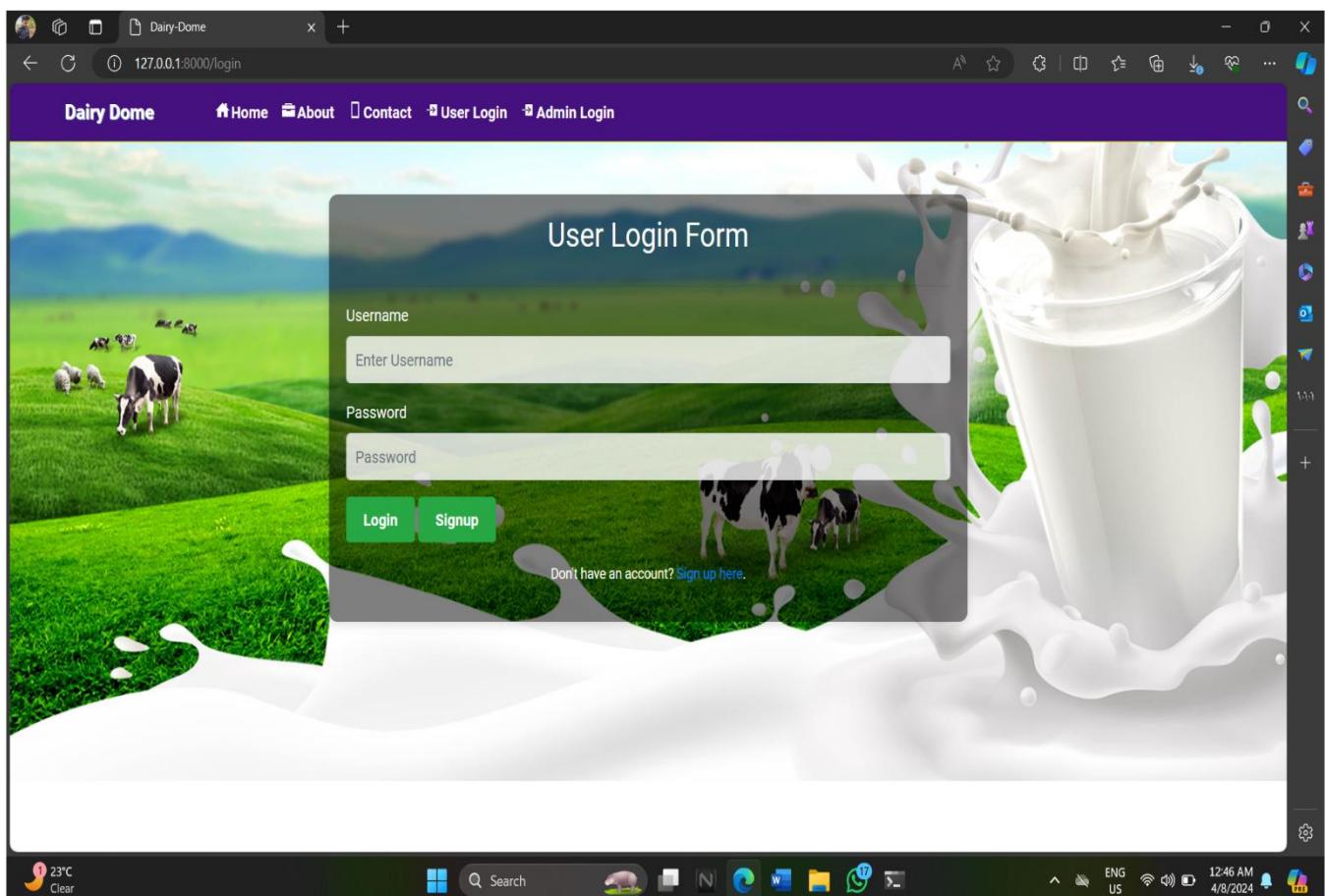
The screenshot shows a web browser window titled "Dairy-Dome" with the URL "127.0.0.1:8000/view\_category/". The page has a purple header with the text "Dairy Dome" and navigation links for Home, View User, View Booking, View Feedback, Product, Category, Logout, and a welcome message for "admin". The main content area is titled "View Category" in red. It contains a table with the following data:

Product Name	Delete
Butter	<button>Delete</button>
ButterMilk	<button>Delete</button>
Curd	<button>Delete</button>
Ghee	<button>Delete</button>
Icecream	<button>Delete</button>
Milk	<button>Delete</button>
Milk Based Sweets	<button>Delete</button>

At the bottom of the browser window, there is a dark taskbar with various icons and status information, including a weather icon showing 23°C and clear skies, a search bar, and system status like ENG US and battery level.

## ❖ User Side Screen:-

### ➤ User Login Page:-



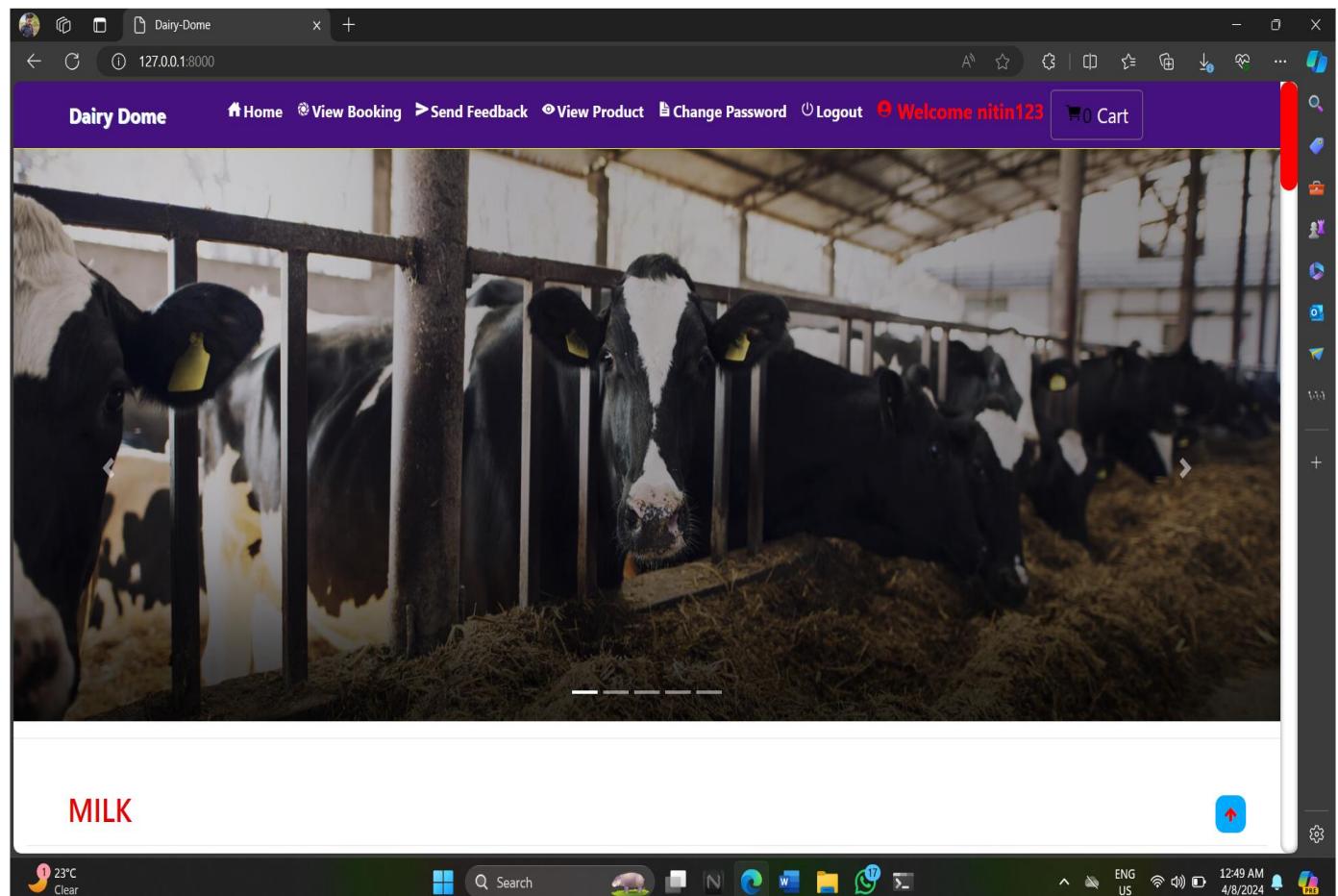
➤ **User Sign-Up Page:-**

The screenshot shows a registration form titled "Registration Form" on a Windows desktop. The form consists of several input fields arranged in a grid:

First Name	Last Name
Enter First Name	Enter Last Name
User Name	Password
Enter User Name	
Email	Contact
Enter Email	Enter Contact Detail
City	Date of Birth
Enter City	mm/dd/yyyy
Full Address	Image
Enter Address Detail	Choose File No file chosen

Below the form is a blue "Submit" button. The browser address bar shows "127.0.0.1:8000/signup". The taskbar at the bottom includes icons for weather (23°C), search, and various system applications like File Explorer and Microsoft Word.

➤ Home page:-



## ➤ View Booking:-

Dairy-Dome

Home View Booking Send Feedback View Product Change Password Logout Welcome nitin123 Cart

### View Booking

Sr. No	Booking ID	Booking Date	Quantity	Total	Status	View Product	Cancel Booking
1	nitin123.320	April 5, 2024	1	454	in progress	<a href="#">Detail</a>	<a href="#">Cancel</a>
2	nitin123.364	April 5, 2024	1	1	in progress	<a href="#">Detail</a>	<a href="#">Cancel</a>
3	nitin123.320.320	April 5, 2024	2	908	pending	<a href="#">Detail</a>	<a href="#">Cancel</a>
4	nitin123.324	April 6, 2024	1	320	delivered	<a href="#">Detail</a>	<a href="#">Cancel</a>

Show 10 entries Search:

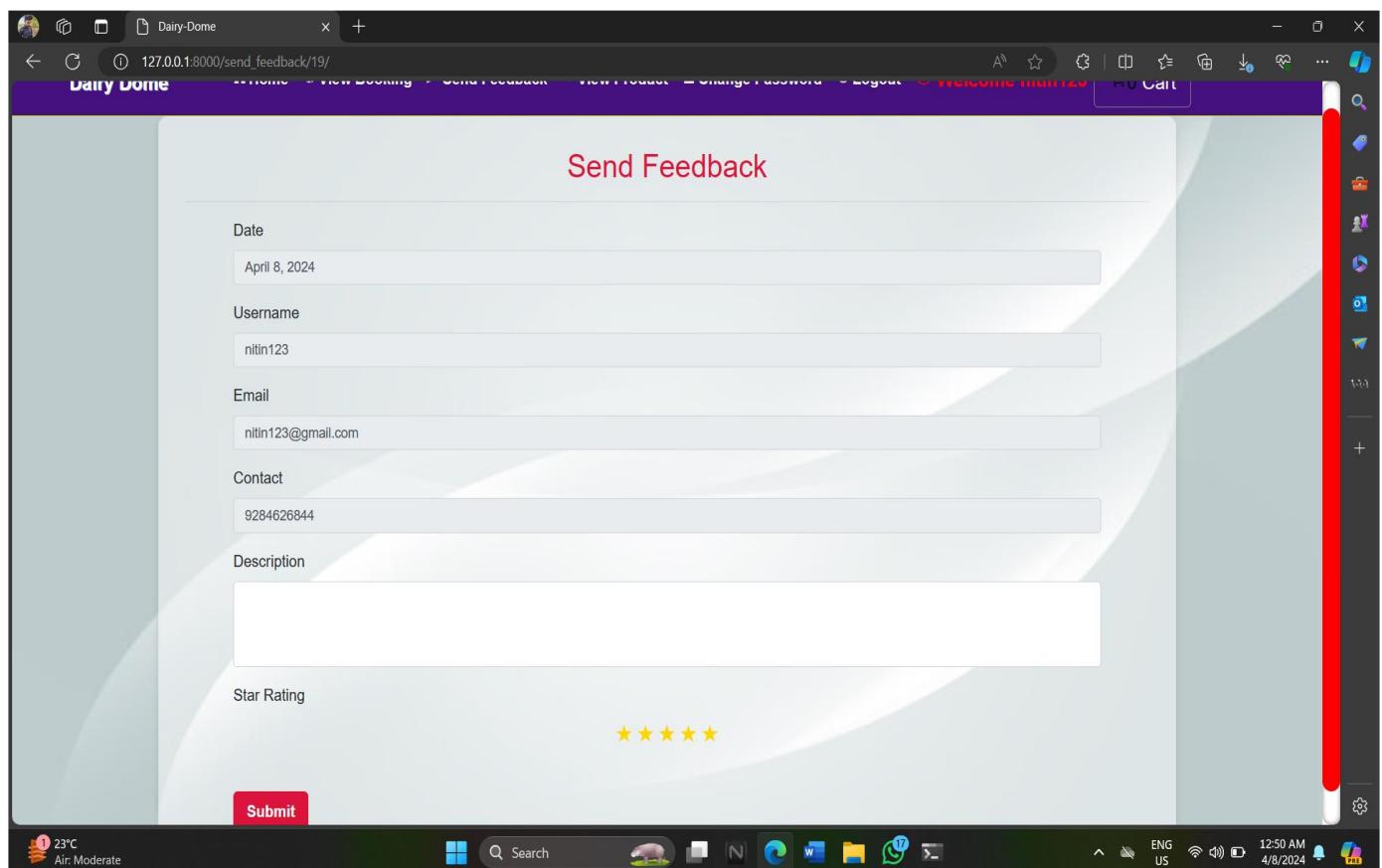
Showing 1 to 4 of 4 entries Previous 1 Next

23°C Clear

Search

12:49 AM 4/8/2024 ENG US

## ➤ Send Feedback:-



Dairy-Dome

127.0.0.1:8000/send\_feedback/19/

Dairy Dome

Welcome nitin123

Cart

### Send Feedback

Date

April 8, 2024

Username

nitin123

Email

nitin123@gmail.com

Contact

9284626844

Description

Star Rating

★★★★★

Submit

23°C Air Moderate

Search

12:50 AM 4/8/2024

## ➤ View Product:-

Dairy Dome

Home View Booking Send Feedback View Product Change Password Logout Welcome nitin123 0 Cart

Start Filtering

All Product

Milk

Curd

Ghee

Butter

Panner

Sterilized Flavored Milk

Buttermilk

Icecream

Milk Based Sweets

Toggle Menu

### View Product

#### Milk Based Sweets



**milk-burfi(1kg)**  
Rs.325  
"Milk Burfi: Creamy, Sweet, Indulgent; Traditional Indian..."  
[Add to Cart](#)



**Milk Desserts**  
Rs.450  
"Milk Desserts: Creamy, Sweet, Versatile; Delightful Treats for Every..."  
[Add to Cart](#)



**Milk-Powder-Barfi(500gm)**  
Rs.250  
"Milk Powder Barfi: Rich, Sweet, Easy; Traditional Indian Sweet with a..."  
[Add to Cart](#)



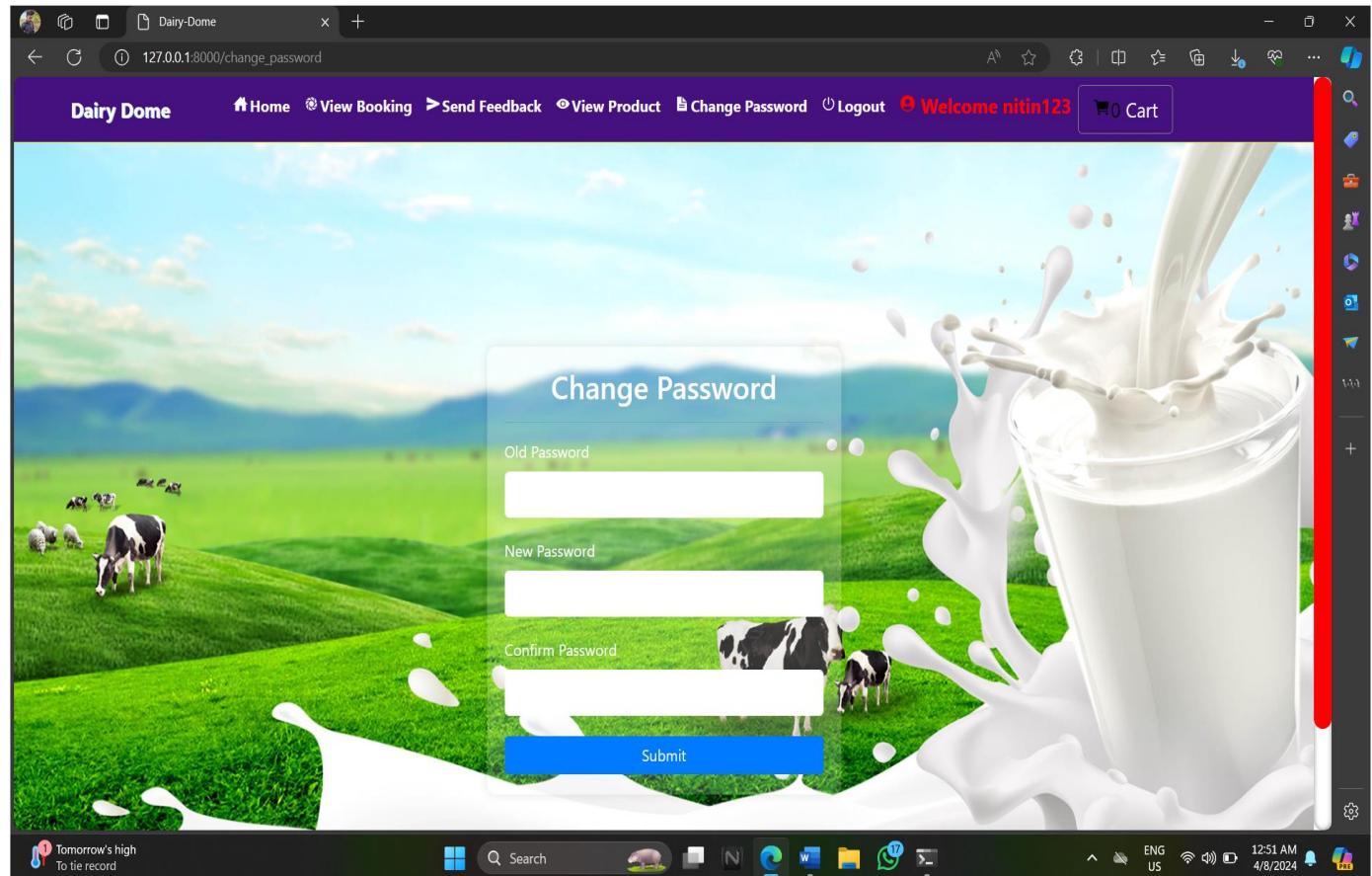
**Milk Cake(250gm)**  
Rs.120  
"Milk Cake: Sweet, Creamy, Indulgent; Timeless Delight of Indi..."  
[Add to Cart](#)

23°C Air: Moderate

Search

12:51 AM 4/8/2024

## ➤ Change Password:-



## ➤ View Profile:-

The screenshot shows a web browser window with a purple header bar. The header bar contains the text "Dairy Dome" and several navigation links: Home, View Booking, Send Feedback, View Product, Change Password, Logout, Welcome nitin123, and Cart. Below the header is a main content area titled "View Profile". Inside this area, there is a table-like structure with the following data:

Full Name:	Nitin Bhopale
Customer Pic:	
Email Id :	nitin123@gmail.com
Contact :	9284626844
Date of Birth :	Dec. 12, 2001
City :	Advihir
Address :	near post office

At the bottom of the "View Profile" section is a blue button labeled "Edit Profile". The browser's status bar at the bottom shows various system icons and the text "Tomorrow's high To tie record". The taskbar below the browser window also has several pinned application icons.

## ➤ Cart Page:-

The screenshot shows a web browser window for the 'Dairy-Dome' website. The URL is 127.0.0.1:8000/cart. The page title is 'View Cart'. At the top, there's a navigation bar with links for Home, View Booking, Send Feedback, View Product, Change Password, Logout, and a welcome message for 'nitin123'. A shopping cart icon indicates 2 items. Below the title, there are three buttons: 'Continue Shopping' (blue), 'Buy Now' (green), and 'Total : Rs. 645'. The main content area displays two items in a card format. Item 1: 'Desi Panner (1kg)' with a price of 'Rs. 320'. It has a small image of paneer and a description: "'Desi Paneer: Traditional, Creamy, Versatile; Ideal for Authentic Indian Cuisine.'". Item 2: 'milk-burfi(1kg)' with a price of 'Rs. 325'. It has a small image of milk burfi and a description: "'Milk Burfi: Creamy, Sweet, Indulgent; Traditional Indian Confectionery Delight.'". Each item has a 'Remove' button to its right. The bottom of the screen shows a dark taskbar with various icons and system status.

## ➤ Confirm Booking Detail :-

The screenshot shows a web browser window with the URL `127.0.0.1:8000/bookingnitin123.324.358/`. The page title is "Dairy Dome". The main content area is titled "Confirm Booking Detail". It contains the following form fields:

Booking Id	Customer Name
nitin123.324.358	nitin123
Booking Date	Email
April 8, 2024	nitin123@gmail.com
City	Contact
Advihir	9284626844
Address	near post office
Total	645

A blue "confirm" button is located at the bottom left of the form.

The browser's status bar at the bottom shows the date and time as "4/8/2024 12:55 AM".

## ➤ PAYMENT DETAIL :-

The screenshot shows a payment detail page titled "PAYMENT DETAIL". At the top, there are three payment method logos: Mastercard (red and yellow), Visa (blue and white), and RuPay (dark blue). Below the logos are input fields for payment information:

- CARD NUMBER: A placeholder text field containing "Valid Card Number".
- EXPIRY DATE: A placeholder text field containing "MM / YY".
- CVC CODE: A placeholder text field containing "CVC".
- Card Holder Name: A placeholder text field containing "Card Holder Name".
- Amount In Rs.: A placeholder text field containing "645".

At the bottom, there are two large buttons: a blue "Payment" button and a green "Cash On Delivery" button.

The browser's address bar shows the URL "127.0.0.1:8000/payment645/". The taskbar at the bottom of the screen includes icons for weather (23°C), search, file explorer, messaging, and other system functions, along with system status indicators like battery level and network connection.

### 3 Chapter 4. Coding

#### Code Snippets:

```
{% extends 'navigation.html' %}

{% block body %}

{% load static %}

{% ifequal error "yes" %}

<script>

    alert('logged in successfully');

    window.location="{% url 'home'

% }";

</script>

{% endifequal %}

{% ifequal error "not" %}

<script>

    alert('Username & Password are not Matching');

</script>

{% endifequal %}

<!DOCTYPE html>
```

```
<head>
```

```
<style>

.mybtnone:hover{
background-color : #E40203;

}

.form-group{
color: wheat;

}

.form{
padding: 20px;

}

</style>

<link rel="stylesheet" type="text/css" href="{ % static 'css/util.css' % }">
<link rel="stylesheet" type="text/css" href="{ % static 'css/main1.css' % }">

</head>
```

```
<div class="limiter">

<div class="container-login100" style="background-image: url('/media/milk.jpg'); ">

<div class="wrap-login100 p-t-30 p-b-50">

<div class="container">

<span class="login100-form-title p-
b-41">User Login

</span>

<div class="container-fluid">

<form class="form" method="post" action="">

{ % csrf_token % }

<div class="form-group">

<label for="exampleInputEmail1">Username</label>

<input type="text" class="form-control" id="exampleInputEmail1" aria-
describedby="emailHelp" name="uname" placeholder="Enter Username">

</div>

<div class="form-group">

<label for="exampleInputPassword1">Password</label>

<input type="password" class="form-control"
id="exampleInputPassword1" placeholder="Password" name="pwd">
```

```
</div>

<button type="submit" class="btn btn-primary mybtnone">Login</button>

<button  class="btn  btn-primary  mybtnone"><a href="{% url 'signup' % }" style="color:white">Signup</a></button>

</form>

</div>

</div>

</div>

</div>

</div>

</div>

<% endblock % }

</html>
```

```
<!-- <div class="container">

<h2 style="margin-top:20px" align="center">User Login Form</h2><hr>

<div class="container-fluid" style="width:70%;margin-top:10%">

<form method="post" action="">

{ % csrf_token % }

<div class="form-group">
```

```
<label for="exampleInputEmail1">Username</label>

<input type="text" class="form-control" id="exampleInputEmail1" aria-
describedby="emailHelp" name="uname" placeholder="Enter Username">
</div>

<div class="form-group">

<label for="exampleInputPassword1">Password</label>

<input type="password" class="form-control" id="exampleInputPassword1"
placeholder="Password" name="pwd">

</div>

<button type="submit" class="btn btn-primary mybtnnone">Login</button>

<button class="btn btn-primary mybtnnone"><a href="{% url 'signup' %}" style="color:white">Signup</a></button>

</form>

</div>

</div> -->
```

```
{% extends 'navigation.html' %}
```

```
{% load static %}
```

```
{% block body %}
```

```
<!DOCTYPE html>
```

```
<html style="font-size: 16px;" lang="en"><head>
```

```
<link rel="stylesheet" href="/ayurcare/static/css/nicepage.css" media="screen">

<link rel="stylesheet" href="Aboutus.css" media="screen">

<script class="u-script" type="text/javascript" src="/ayurcare/static/js/jquery.js"
     ="" defer=""></script>

<script class="u-script" type="text/javascript" src="/ayurcare/static/js/jquery.js"
     ="" defer=""></script>

<meta name="generator" content="Nicepage 4.15.8, nicepage.com">

<link id="u-theme-google-font"
      rel="stylesheet"
      href="https://fonts.googleapis.com/css?family=Roboto:100,100i,300,300i,400,400i,500,
      500i,700,700i,
      900,900i|Open+Sans:300,300i,400,400i,500,500i,600,600i,700,700i,800,800i">

<link id="u-page-google-font"
      rel="stylesheet"
      href="https://fonts.googleapis.com/css?family=Cherry+Cream+Soda:400">

<style>

body,htm

  {
    height: 100%;

  }

.u-section-1{

background-image:
url("/media/115408.jpg");background-
```

```
position: center;  
height: 100%;  
width: 100%;  
color: rgb(9, 1, 1);  
font-weight: 500;  
}  
  
.u-text-1{  
padding-left: 650px;  
}  
  
.u-text-2{  
padding-left: 650px;  
}  
  
</style>  
</head>  
  
<body class="u-body u-xl-mode" data-lang="en">  
  
<header class="u-clearfix u-header" id="sec-023e">  
  
<div class="u-clearfix u-sheet u-sheet-1">  
  
</div>  
  
</header>
```

```
<section class="u-align-right u-clearfix u-image u-shading u-section-1"
id="carousel_f9ca">

<div class="u-clearfix u-sheet u-sheet-1">

    <h1 class="u-custom-font u-font-titillium-Web u-text u-text-palette-3-base u-title u-
text-1">About Us</h1>

    <p class="u-align-left u-custom-font u-text u-text-2">

        <span style="font-size: 1.875rem;" id="text"> Hola folks!&nbsp;<br>It looks like
you are here to know us better. DairyDome is a user friendly, easy to use website
where&nbsp;<br>one can order dairy by just search products and fill up a simple products
order form available on the website. Admin can see the product order request and deliver
product.&nbsp;To use all these features you need to login first . So register fast and order
products.

    </span>

    <br>&nbsp; &nbsp; &nbsp; &nbsp;&nbsp;

    </p>

</div>

</section>

<section class="u-clearfix u-section-2" id="sec-8623">

    <div class="u-clearfix u-sheet u-sheet-1"></div>

</section>

</body></html>

{ % endblock % }
```

## Chapter 5. Testing

### 4 Test Case Name:

**Registration Test Case ID:**

**TC01\_Registration**

**Test Case Prerequisite: User must open the portal.**

Sr. No	Test to be Performed	Expected Result	Actual Result	Test Pass/Failed	Remark
1.	Do the registration with empty fields.	Registration failed. Message Should be display “Please enter username”.	Registration failed. Message shown“Please enter username”.	Pass	
2.	Do the registration with duplicate username .	Registration failed. Message Should be display “Username already registered”.	Registration failed. Messageshown “Username already registered”.	Pass	
3.	Do the registration with invalid email address.	Registration failed. Message Should be display“Invalid email id”.	Registration failed. Message shown “Invalid email id”.	Pass	
4.	Do the registration with password contained less than 8 characters	Registration failed. Message Should be display “Password Should be minimum of 6 characters”.	Registration failed. Message shown “Password should be minimum of 6 characters”.	Pass	
5.	Enter valid mobile number.	Registratin should be successful.	Registratin Successful.	Pass	

7.	Verify whether the user has left empty fields.	Registration should be Failed. All fields are mandatory.	Registration Failed.	Pass	
----	--	--	----------------------	------	--

## 5 Test Case Name:

**Login Test Case ID:**

**TC02\_Log\_in**

**Test Case Prerequisite:** User must have visited the portal.

## 6 User must be registered.

Sr. No	Test to be Performed	Expected Result	Actual Result	Test Pass/Failed	Remark
1.	Check login with valid data	Login successful & should be open home Page	Login successful. Home page opened.	Pass	
2.	Check login with invalid data	Login failed. Message should be displayed “Username or Password is invalid”.	Login failed. Message shown, “Username or Password is invalid”.	Pass	

3.	Check login with empty fields.	Login failed. Message should be displayed “Please enter username & password”.	Login failed, Message shown “Please enter username & password”.	Pass	
4.	Check whether username or password is case sensitive	Login failed, Message should be displayed “Username or Password is invalid”.	Login failed message shown “Username or Password is invalid”.	Pass	

**Test Case Name:Order**

**management Test Case ID:**

**TC03\_Order**

**7 Test Case Prerequisite: User must visit portal.**

**User must be registered.**

**User must be Login.**

Sr. No	Test to be Performed	Expected Result	Actual Result	Test Pass/Failed	Remark
1.	Verify whether the customer is able to select product.	Product should be select from dropdown.	Product selected successfully from dropdown.	Pass	
2.	Check whether the customer has filled all the valid details.	All filled details should be valid.	All field details added successfully.	Pass	

4.	Check whether the customer has leave the empty fields.	On screen error message should be display “Please fill all the details”.	On screen error message is showing “Please fill all the details”.	Pass	
6	Check whether the customer is able to add product to cart.	Cart should be updated .	Added product successfully.	Pass	
7	Check whether the customer is able to delete existing cart product.	Record should be added and view to delete details.	Record deleted successfully.	Pass	

Test Case Name: Payment Management Test Case ID: TC04\_Payment

**Test Case Prerequisite:** User must launch the service application.

## 8 User must be registered. User must be

Login.

Sr. No	Test to be Performed	Expected Result	Actual Result	Test Pass/Failed	Remark
1.	Select card type.	Card is selected.	Card selected Successfully.	Pass	
2.	Enter card details	Only numeric values should be entered.	Only numeric values entered successfully.	Pass	
3.	Check whether payment details is valid.	All field details should be valid.	All field details added successfully.	Pass	

**Test Case Name: Feedback**

**Test Case ID:**

**TC05\_feedback**

**9 Test Case Prerequisite: User must visit portal.**

**User must be registered.**

**User must be Login.**

<b>Sr. No</b>	<b>Test to be Performed</b>	<b>Expecte dResult</b>	<b>Actual Result</b>	<b>Test Pass/Faile d</b>	<b>Remark</b>
1.	Verify whether the user can give feedback .	After submitting feedback message should appear successfully.	Feedback successfully.	Pass	
2.	Verify whether the user is able to enter a comments.	Comment should be entered successfully.	Comment entered successfully.	Pass	

## **6 Limitations of Proposed System: -**

- It makes bug fixes little harder.
- This system does not provide fully automotive process.
- This website does not generate graphical reports therefore admin cannot understand reports.

## **7 Proposed Enhancement: -**

- User will get the receipt of the payment.
- Will also add maps to locate stores for nearby areas .

## **8 Conclusion: -**

The system will be able to serve as web application when it is finally developed, where these small upcoming shops can make use of it to publish different categories of Dairy products in a wide range and also help the shop to manage their service more effectively. On the other hand, it will enable customers to freely buy their required type of product more freely and interactively.

## **9 Bibliography: -**

### **For python**

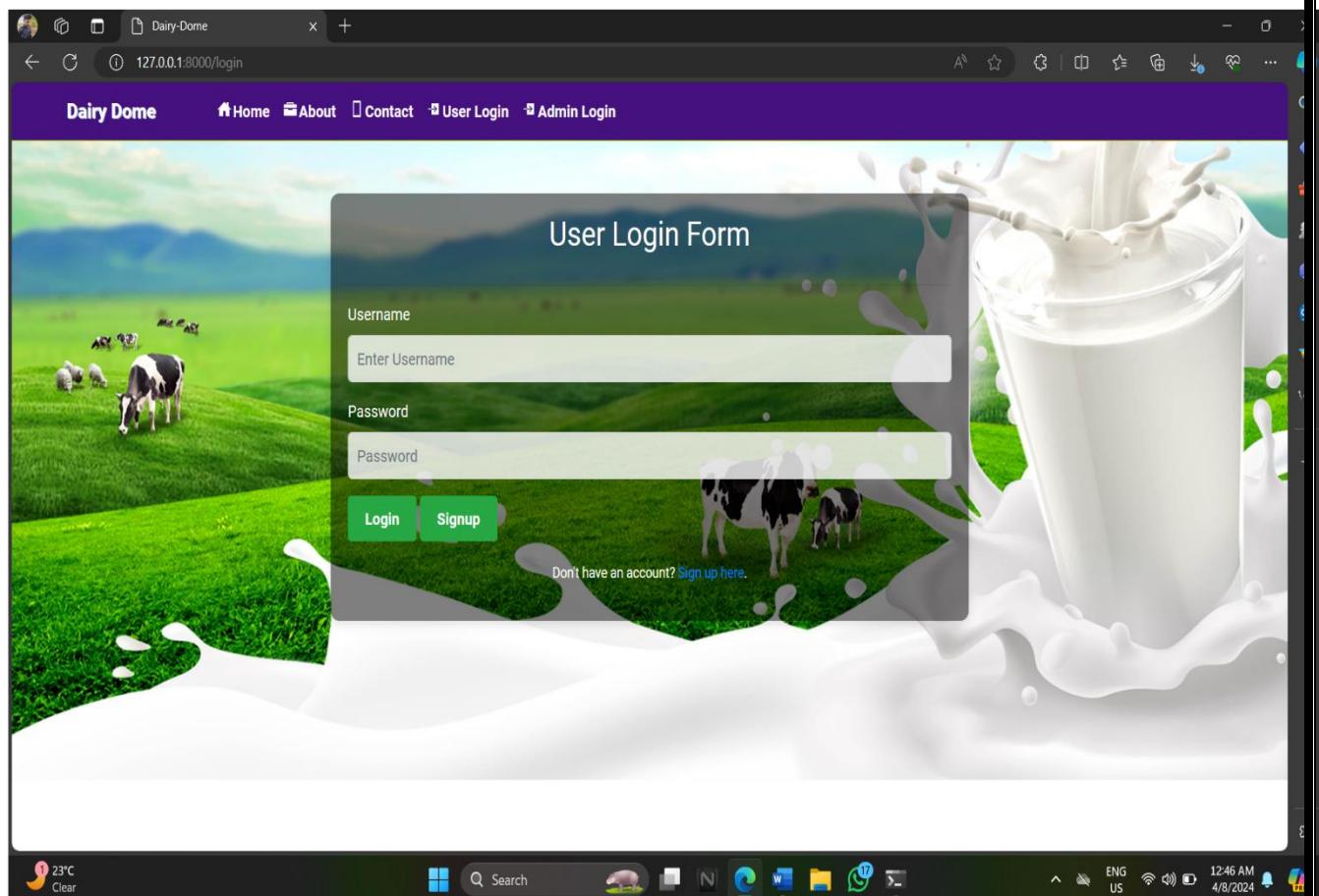
- <https://www.w3schools.com/python/default.asp>
- <https://www.sitepoint.com/python/>
- <https://www.python.net/>

### **For MySQLite**

- <https://www.sqlite.com/>
- <http://www.sqlitetutorial.org>

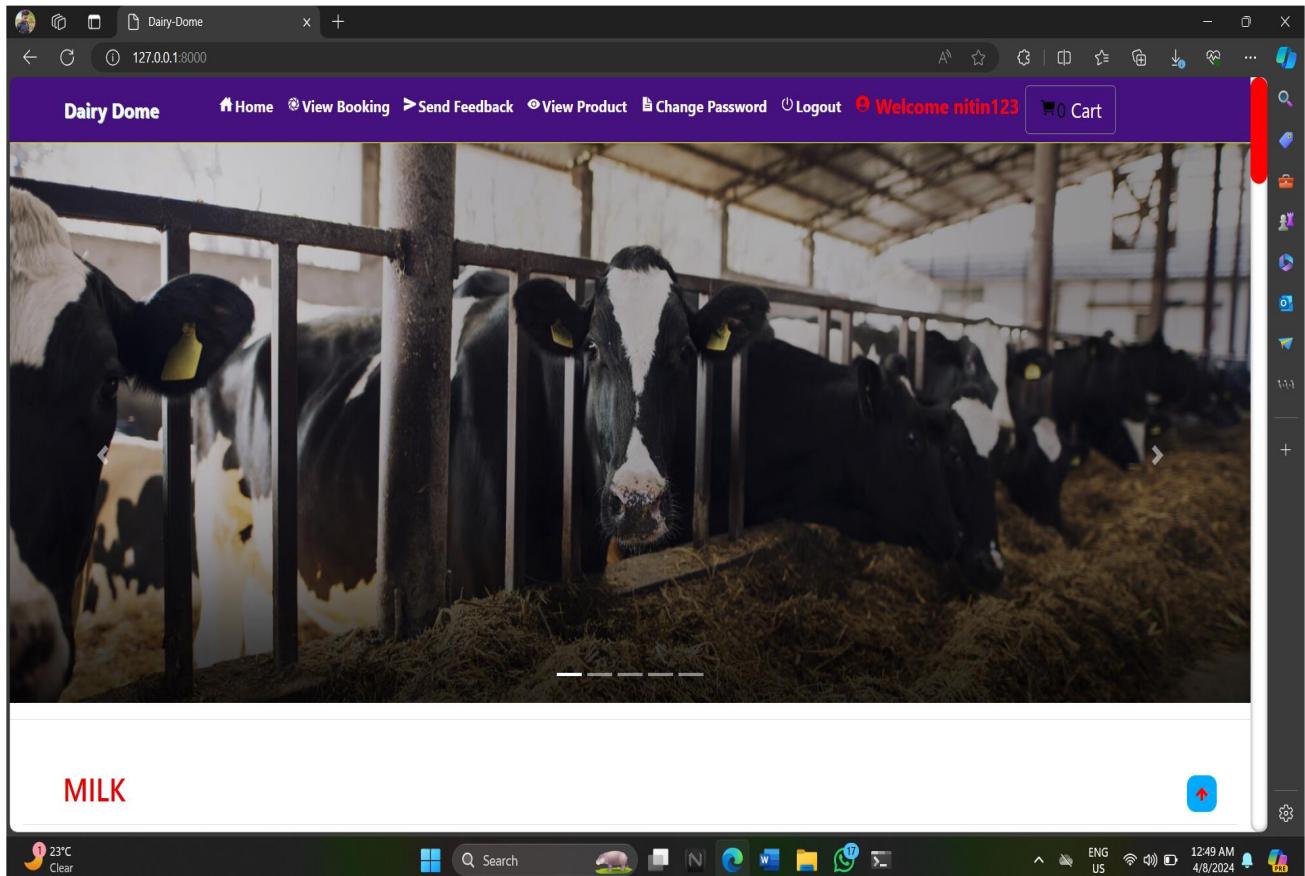
## 10 User Manual (All GUI screens with validation descriptionetc.)

### ➤ User Manual Screens: -



- This page is the user login page where user will login.
- Validations are applied for all the text inputs

➤ **Home Page:**



- This is the home page where we can view the options .
- Validations are applied for all the text inputs

➤ **View Booking:**

The screenshot shows a web browser window for 'Dairy-Dome' at the URL 127.0.0.1:8000/admin\_viewBooking. The page title is 'View Booking'. The header includes links for Home, View User, View Booking, View Feedback, Product, Category, Logout, and a welcome message for 'admin'. Below the header is a search bar and a table with 4 entries. The table columns are: Sr. No, Booking ID, Booking Date, Customer name, Email Id, Quantity, Total, Status, View Product, and Cancel Booking. The entries are:

Sr. No	Booking ID	Booking Date	Customer name	Email Id	Quantity	Total	Status	View Product	Cancel Booking
1	nitin123.320	April 5, 2024	nitin123	nitin123@gmail.com	1	454	in progress	detail	cancel
2	nitin123.364	April 5, 2024	nitin123	nitin123@gmail.com	1	1	in progress	detail	cancel
3	nitin123.320.320	April 5, 2024	nitin123	nitin123@gmail.com	2	908	pending	detail	cancel
4	nitin123.324	April 6, 2024	nitin123	nitin123@gmail.com	1	320	delivered	detail	cancel

At the bottom, it says 'Showing 1 to 4 of 4 entries' and has navigation buttons for Previous, Next, and page number 1. The browser taskbar shows various open tabs and system icons.

- Details are viewed .

➤ **Feedback:-**

The screenshot shows a web browser window titled "View Feedback" from the "Dairy Dome" application. The URL is 127.0.0.1:8000/view\_feedback. The page includes a navigation bar with links for Home, View User, View Booking, View Feedback, Product, Category, Logout, and Welcome admin. The main content area is titled "View Feedback" and displays a table of feedback entries. The table has columns for Username, Contact Number, Email Id, Date, Message, and Remove. One entry is shown: nitin123, 9284626844, nitin123@gmail.com, April 5, 2024, "Product: [Panner] Rating: [\* \* \* \*] Feedback: I recently purchased [Panner] from your website, and I wanted to ...", and a "Read More" link. The table also includes a search bar and pagination controls (Showing 1 to 1 of 1 entries, Previous, Next). The browser's status bar at the bottom shows system information like weather, battery level, and system date.

Username	Contact Number	Email Id	Date	Message	Remove
nitin123	9284626844	nitin123@gmail.com	April 5, 2024	Product: [Panner] Rating: [* * * *] Feedback: I recently purchased [Panner] from your website, and I wanted to ... <a href="#">Read More</a>	<a href="#">Delete</a>

- In this page, we will get feedback.

➤ **View Products:**

The screenshot shows a web browser window for the 'Dairy Dome' website. The URL is 127.0.0.1:8000/view\_product/91/. The top navigation bar includes links for Home, View Booking, Send Feedback, View Product, Change Password, Logout, and a welcome message for 'nitin123'. A 'Cart' icon is also present. On the left, a sidebar titled 'Start Filtering' lists categories like All Product, Milk, Curd, Ghee, Butter, Panner, Sterilized Flavored Milk, ButterMilk, Icecream, and Milk Based Sweets. A 'Toggle Menu' button is located at the top of the sidebar. The main content area is titled 'View Product' and 'Milk Based Sweets'. It displays four product cards: 'milk-burfi(1kg)' (Rs.325), 'Milk Desserts' (Rs.450), 'Milk-Powder-Barfi(500gm)' (Rs.250), and 'Milk Cake(250gm)' (Rs.120). Each card includes a small image, the product name, price, a brief description, and an 'Add to Cart' button. The bottom of the screen shows a Windows taskbar with various icons and system status.

- In this page, We can view products.

## ➤ View Cart

The screenshot shows a web browser window for the 'Dairy-Dome' website. The URL is 127.0.0.1:8000/cart. The top navigation bar includes links for Home, View Booking, Send Feedback, View Product, Change Password, Logout, and a welcome message for 'nitin123'. A shopping cart icon indicates 2 items. The main content area is titled 'View Cart' and features two items:

- Desi Panner (1kg)**  
Price: Rs. 320  
Description: "Desi Paneer: Traditional, Creamy, Versatile; Ideal for Authentic Indian Cuisine."  
Remove button
- milk-burfi(1kg)**  
Price: Rs. 325  
Description: "Milk Burfi: Creamy, Sweet, Indulgent; Traditional Indian Confectionery Delight."  
Remove button

At the bottom, there are 'Continue Shopping' and 'Buy Now' buttons, and a total amount of 'Total : Rs. 645'. The browser taskbar shows various open tabs and system icons.

- In this page, We can View Cart.

➤ **Confirming Booking Detail:**

Dairy-Dome

Home View Booking Send Feedback View Product Change Password Logout Welcome nitin123 Cart

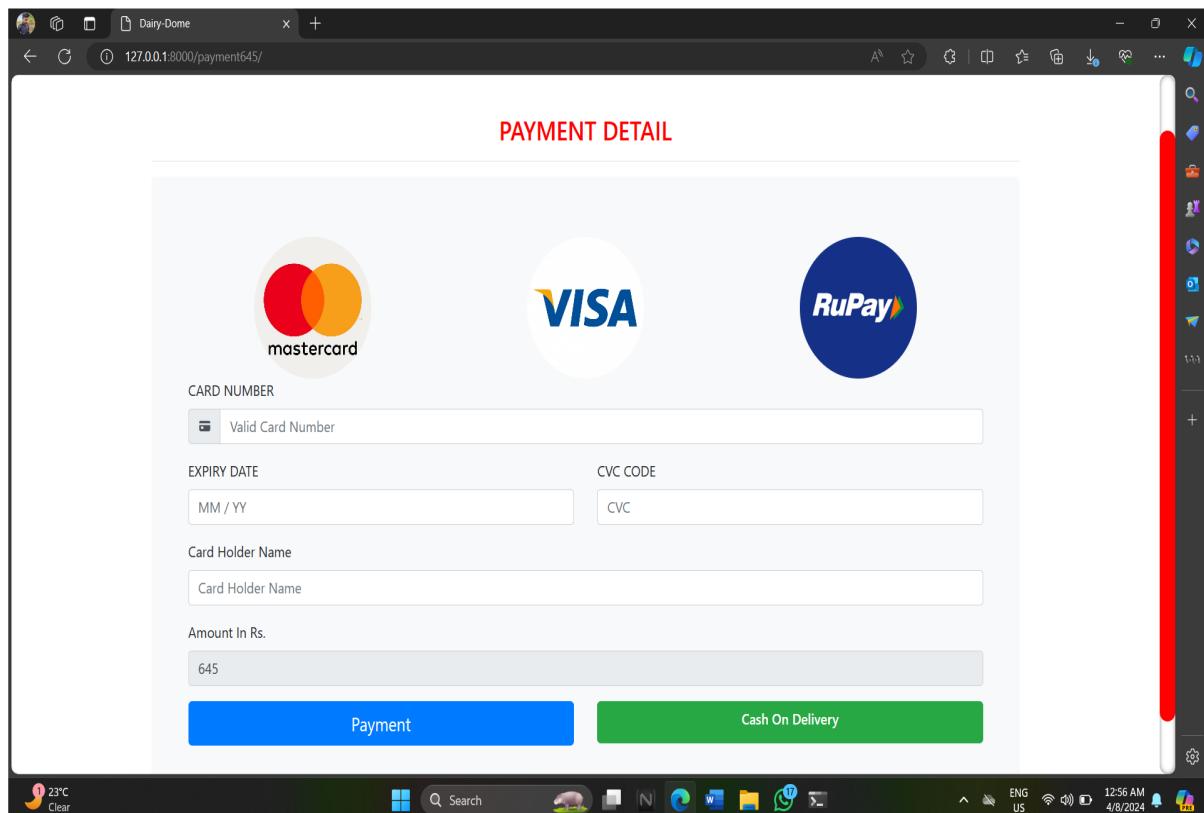
### Confirm Booking Detail

Booking Id	Customer Name
nitin123.324.358	nitin123
Booking Date	Email
April 8, 2024	nitin123@gmail.com
City	Contact
Advihir	9284626844
Address	
near post office	
Total	
645	

confirm

- Confirming details of booking.

## ➤ Payment Detail



- View payment details