



ATSS

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

Academic Year 2023-2024

MCA IV

“ PROJECT SYNOPSIS”

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

Name of Team Member	Prasad Ravindra Patil
Roll Number	32
Contact Number	9604126194
E-mail ID	prasadpatil24212@gmail.com
Project Guide	Mrs. Swati Kirange
Division	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 'DairyDome' application is used for Purchasing Various Dairy 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 Dairy 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

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

**Address :- Dudh Utpadak Sahkari Sanstha Maryadit,
Advihir Internal Rd, Advihir, Maharashtra 443103**

Name :- Ravindra Patil

Contact :- 7391873991

1. Existing System :

- An existing system provides manual paperwork or an excel sheet to track the buying and selling product 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

3. Scope of System: -

- The Dairy shop management to keep detailed records of both the dairy products and the customers.
- 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

4. Objective of the Proposed System :-

- **Easy Access:** Let customers easily browse and buy dairy products online.
- **Save Time:** Make it quick for customers to see product details and for the shopkeeper to get feedback.
- **Offer Variety:** Provide lots of different dairy products for customers to choose from.
- **Simple Buying:** Make it easy for customers to pick what they want and buy it without any hassle.
- **-231** Allow customers to share their thoughts easily so the shopkeeper can improve the service based on their feedback.

5. Technology Description for Management:-

5.1 Hardware Requirements:

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

5.2 Software Requirements:

- Any Operating System
- VS Code
- Any web browser

5.3 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.

➤ **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 frontend 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, fullfeatured, 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:-**

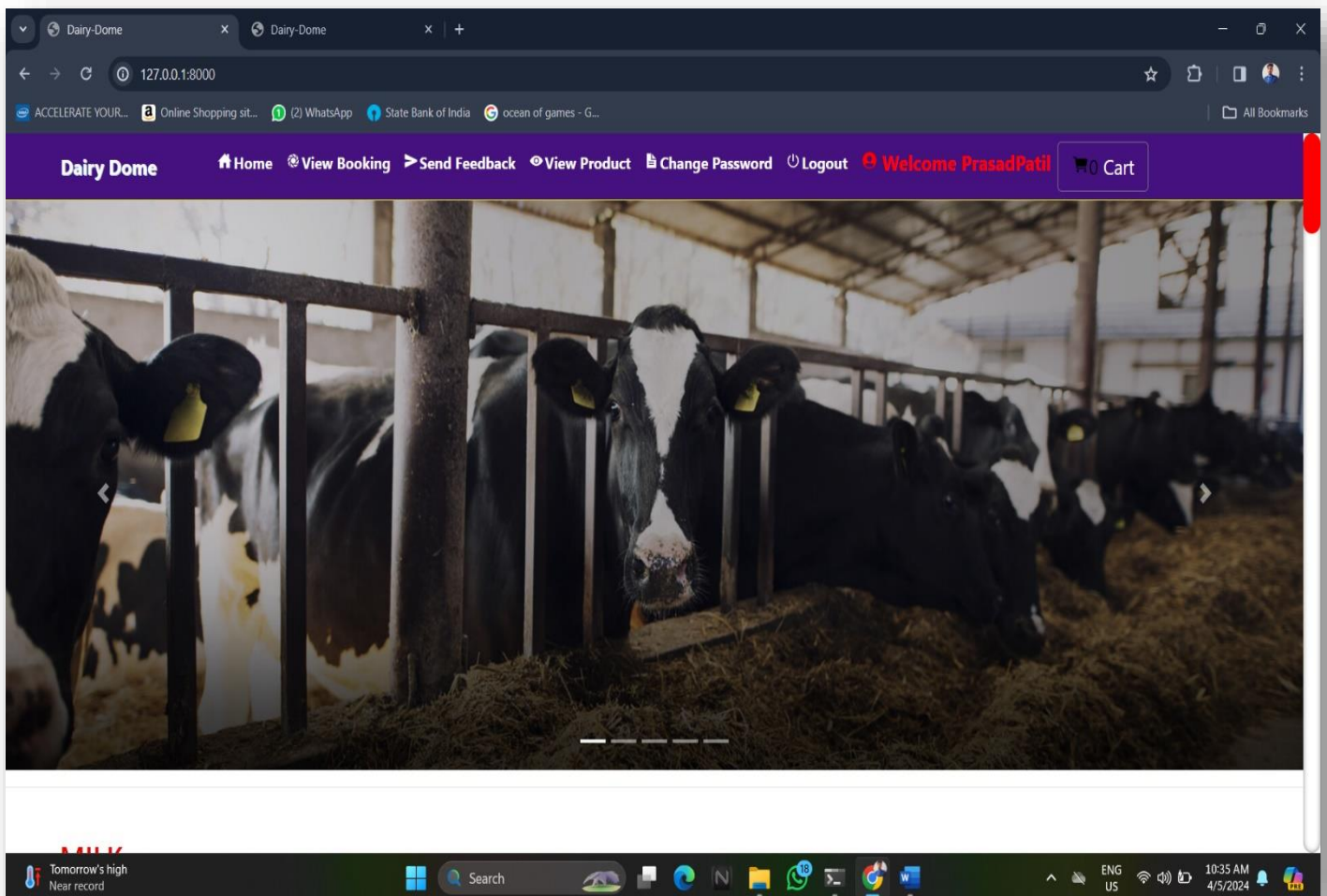
- Python has a simple syntax similar to the English language.
- Python has syntax that allows developers to write programs with fewer lines than some other programming languages.
- Python runs on an interpreter system, meaning that code can be executed as soon as it is written

➤ **Django:-**

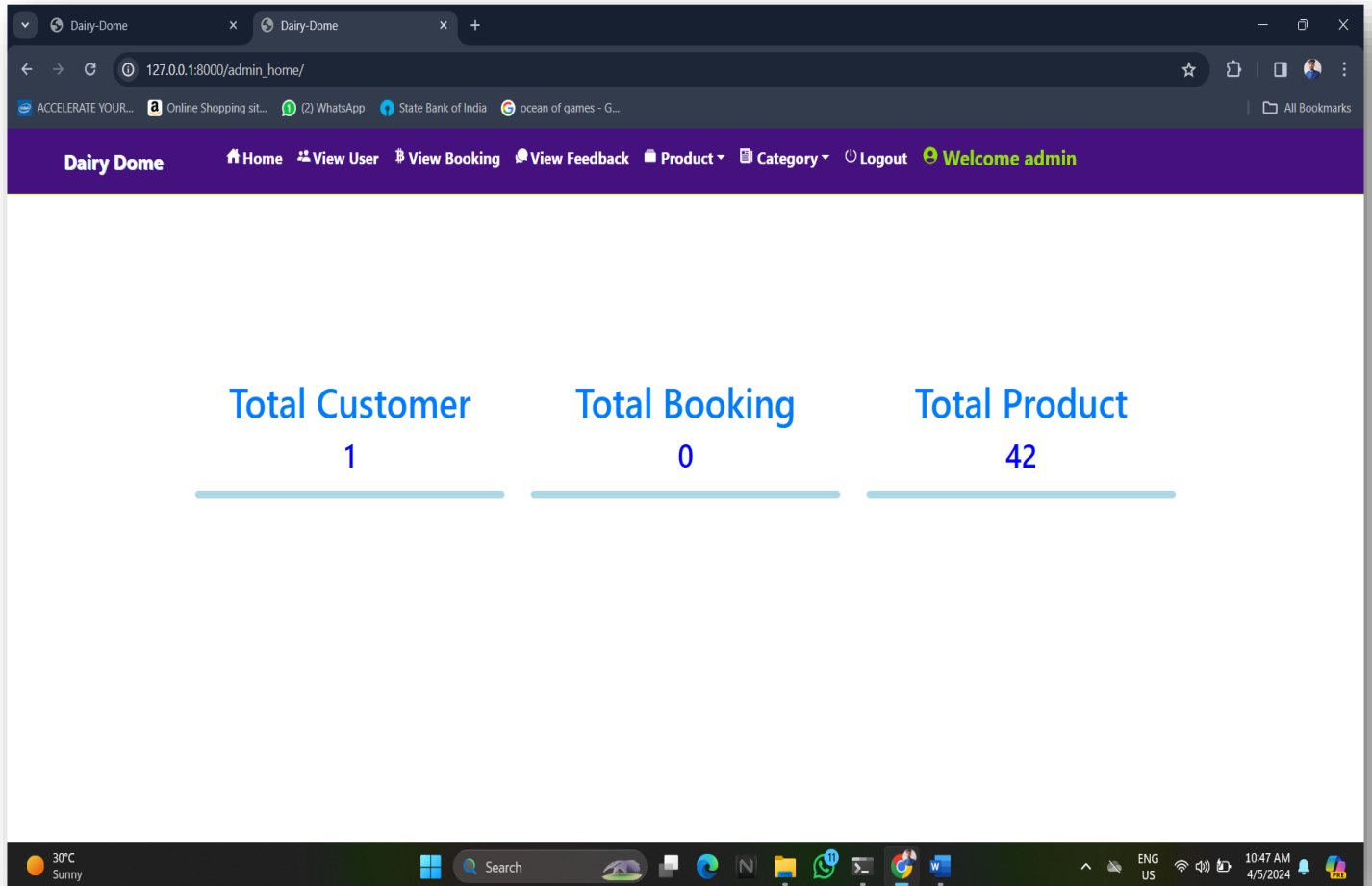
- Django is a high-level Python web framework that encourages rapid development and clean, pragmatic design.
- It follows the model-view-template (MVT) architectural pattern, which is similar to the model-view-controller (MVC) pattern. Django emphasizes reusability and "pluggability" of components, making it efficient for developers to build web applications.
- It includes built-in features for authentication, URL routing, database management (using ORM), template rendering, and more, reducing the need for external libraries.
- Django is widely used for developing complex web applications due to its scalability, security features, and extensive documentation.

6. Expected GUI Screens :-

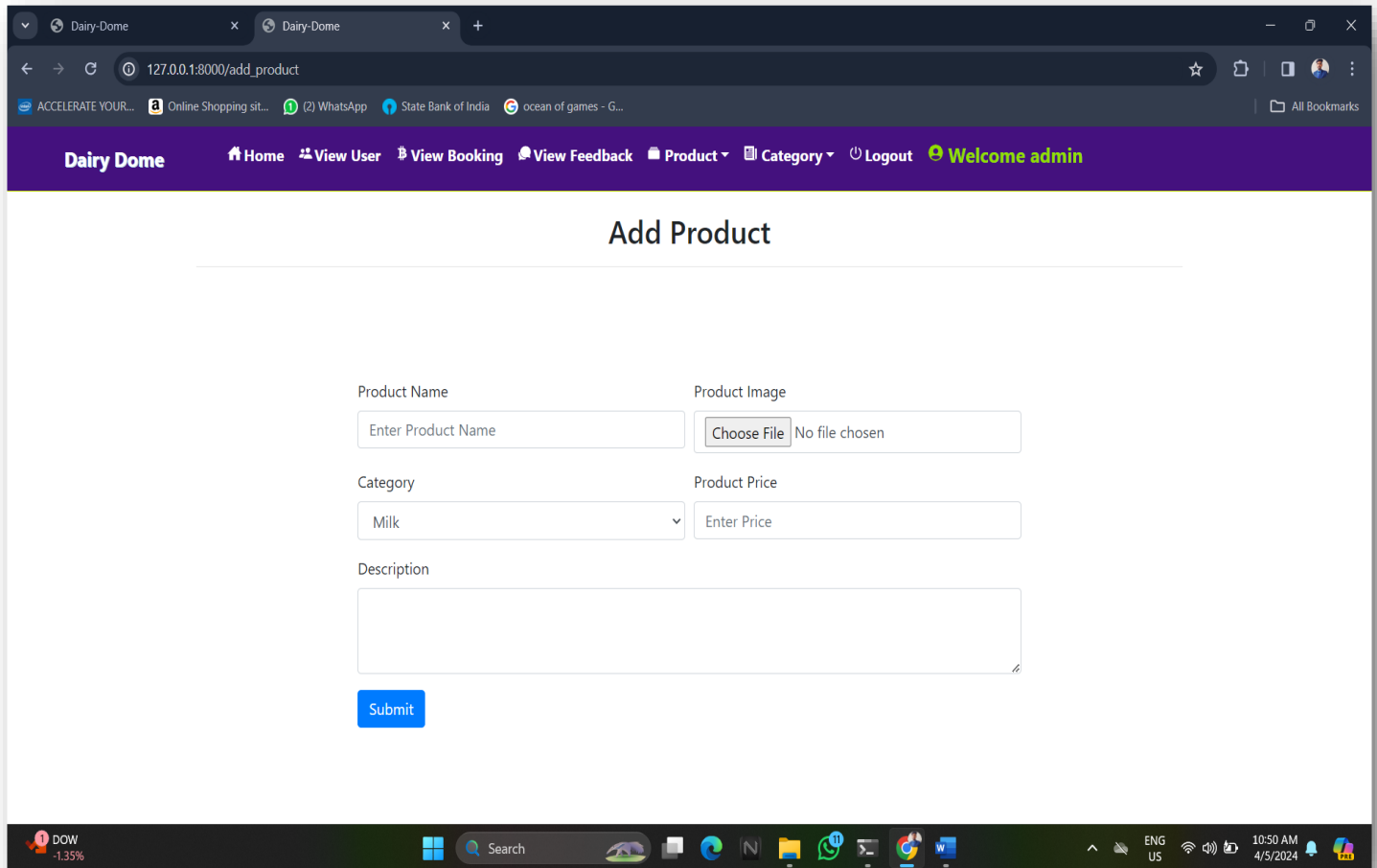
➤ Home Page :-



➤ Admin Page :-



➤ Add product :-



The screenshot displays a web browser window with two tabs labeled 'Dairy-Dome'. The address bar shows the URL '127.0.0.1:8000/add_product'. The browser's bookmark bar includes links to 'ACCELERATE YOUR...', 'Online Shopping sit...', '(2) WhatsApp', 'State Bank of India', and 'ocean of games - G...'. The application's navigation bar is purple and contains the following items: 'Dairy Dome', 'Home', 'View User', 'View Booking', 'View Feedback', 'Product', 'Category', 'Logout', and 'Welcome admin'. The main content area is titled 'Add Product' and contains a form with the following fields:

- Product Name:** A text input field with the placeholder 'Enter Product Name'.
- Product Image:** A file selection area with a 'Choose File' button and the text 'No file chosen'.
- Category:** A dropdown menu currently showing 'Milk'.
- Product Price:** A text input field with the placeholder 'Enter Price'.
- Description:** A large text area for entering the product description.
- Submit:** A blue button to submit the form.

The Windows taskbar at the bottom shows the system clock as 10:50 AM on 4/5/2024, along with various system icons and open applications.

➤ View product:-

Dairy-Dome

Dairy-Dome

+

127.0.0.1:8000/admin_view_product

ACCELERATE YOUR... Online Shopping sit... (2) WhatsApp State Bank of India ocean of games - G... All Bookmarks

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

29°C Sunny

Search

ENG US

10:52 AM 4/5/2024

➤ Add category:-

The screenshot displays a web browser window with two tabs labeled 'Dairy-Dome'. The address bar shows the URL '127.0.0.1:8000/add_category'. The browser's bookmark bar includes links to 'ACCELERATE YOUR...', 'Online Shopping sit...', '(2) WhatsApp', 'State Bank of India', and 'ocean of games - G...'. The application's header is purple and contains the 'Dairy Dome' logo, navigation links for 'Home', 'View User', 'View Booking', 'View Feedback', 'Product', and 'Category', a 'Logout' button, and a welcome message 'Welcome admin'. The main content area is titled 'Add Category' and features a form with a text input field labeled 'Category Name' containing the placeholder text 'Enter Category', and a blue 'Submit' button. The Windows taskbar at the bottom shows the system clock as 10:53 AM on 4/5/2024, the language as ENG US, and various system icons.

➤ View category:-

127.0.0.1:8000/view_category/

ACCELERATE YOUR... Online Shopping sit... (2) WhatsApp State Bank of India ocean of games - G... All Bookmarks

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

View Category

Show 10 entries Search:

Product Name	Delete
Butter	delete
ButterMilk	delete
Curd	delete
Ghee	delete
Icecream	delete
Milk	delete

29°C Sunny Search ENG US 10:55 AM 4/5/2024

➤ View booking:-

Dairy-Dome

127.0.0.1:8000/admin_viewBooking

ACCELERATE YOUR...Online Shopping sit... (2) WhatsAppState Bank of Indiaocean of games - G...All Bookmarks

Dairy DomeHomeView UserView BookingView FeedbackProductCategoryLogoutWelcome admin

View Booking

Show 10 entries

Search:

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	delivered	detail	cancel
2	nitin123.334	April 5, 2024	nitin123	nitin123@gmail.com	1	32	in progress	detail	cancel
3	nitin123.356	April 5, 2024	nitin123	nitin123@gmail.com	1	35	pending	detail	cancel

Showing 1 to 3 of 3 entries

Previous1Next

30°C Sunny

Search

ENG US11:04 AM 4/5/2024

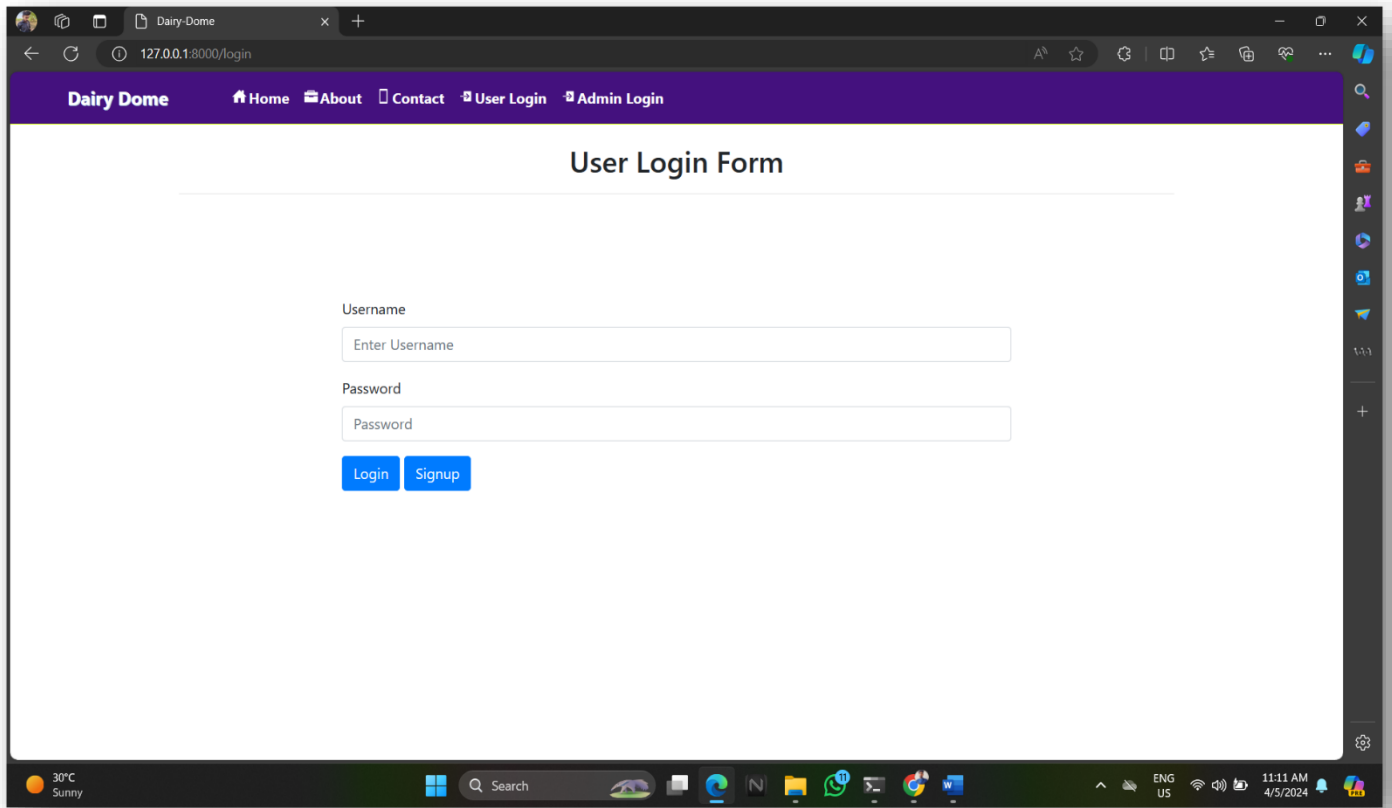
➤ View feedback :-

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/view_feedback'. The website has a purple header with the following 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' in red text. Below the title, there is a search bar and a dropdown menu to show 10 entries. A table displays the feedback data:

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 share my experience. Overall, I found the product to be [describe overall experience - e.g., delicious, satisfactory, etc.]. The taste was rich and creamy, exactly what I look for in a dairy product. One thing I particularly appreciated was the packaging. It arrived securely wrapped, ensuring the product stayed fresh during transit. However, I noticed that the expiration date was a bit closer than I expected, so maybe improving the freshness duration could be considered. Regarding delivery, it arrived promptly within the expected timeframe, which was fantastic. However, it would be great to have more specific tracking updates to know exactly when to expect the delivery. In	Delete

The bottom of the screenshot shows a Windows taskbar with the date and time as 11:09 AM on 4/5/2024, and the weather as 30°C Sunny.

➤ User login :-



The screenshot displays a web browser window with the address bar showing '127.0.0.1:8000/login'. The page has a purple header with the 'Dairy Dome' logo and navigation links: Home, About, Contact, User Login, and Admin Login. The main content area is titled 'User Login Form' and contains two input fields: 'Username' with the placeholder text 'Enter Username' and 'Password'. Below these fields are two blue buttons labeled 'Login' and 'Signup'. The browser's taskbar at the bottom shows the system clock as 11:11 AM on 4/5/2024, along with weather information (30°C Sunny) and various application icons.

Dairy Dome Home About Contact User Login Admin Login

User Login Form

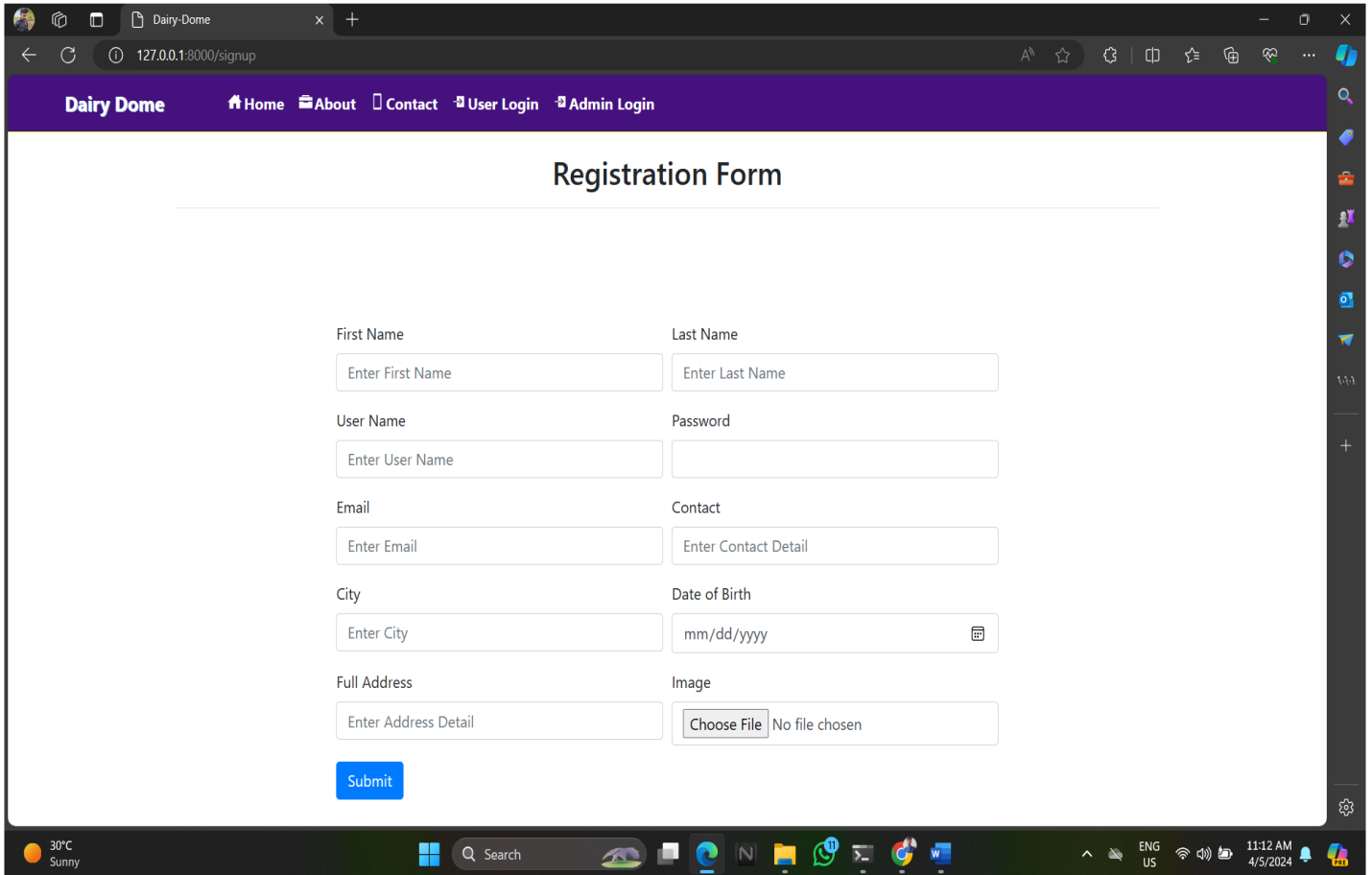
Username

Password

Login Signup

30°C Sunny Search 11:11 AM 4/5/2024

➤ Registration Form :-

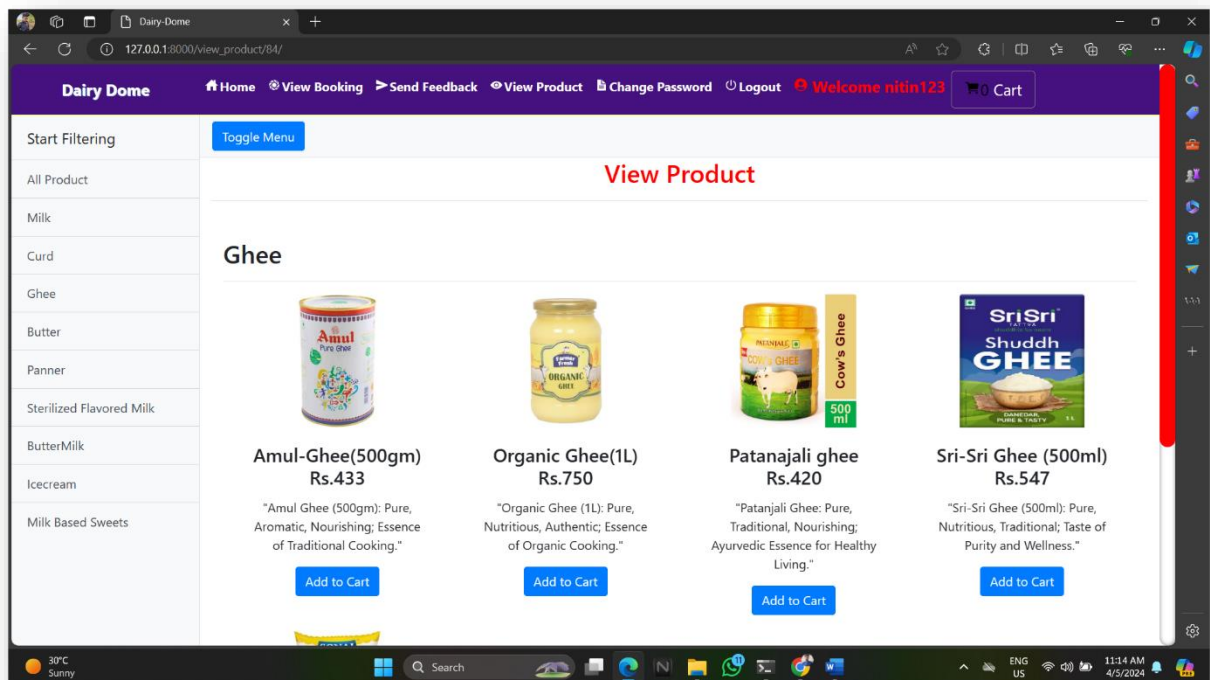
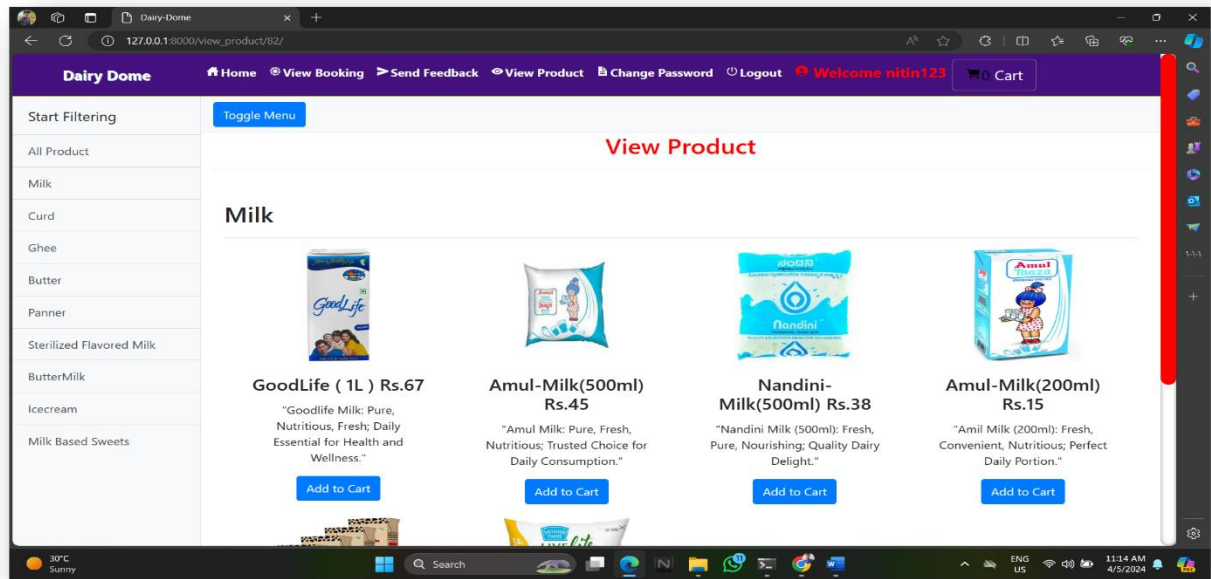


The screenshot displays a web browser window with a single tab titled 'Dairy-Dome'. The address bar shows the URL '127.0.0.1:8000/signup'. The browser's top navigation bar is purple and contains the 'Dairy Dome' logo and links for 'Home', 'About', 'Contact', 'User Login', and 'Admin Login'. The main content area features a 'Registration Form' with the following fields:

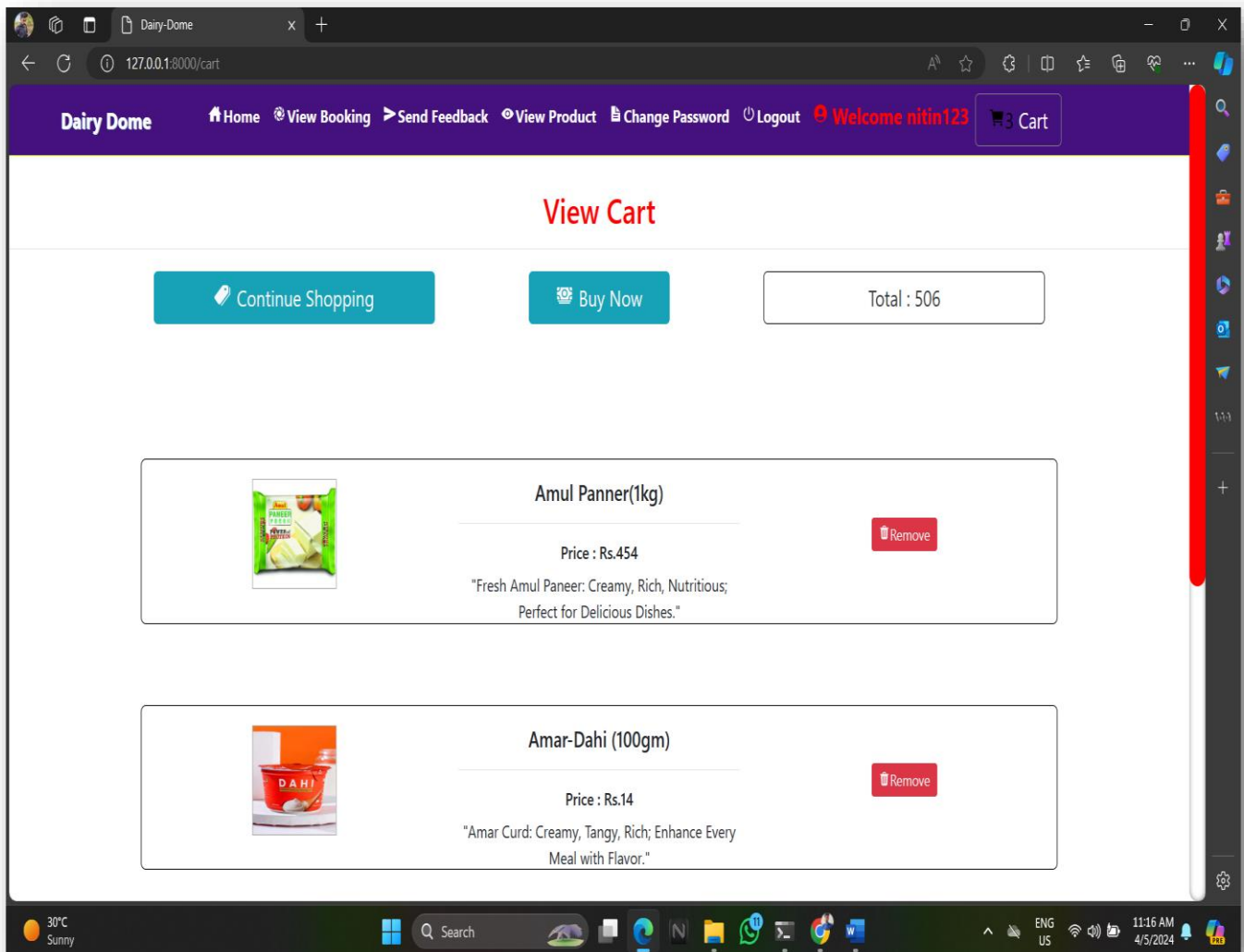
- First Name**: Input field with placeholder text 'Enter First Name'.
- Last Name**: Input field with placeholder text 'Enter Last Name'.
- User Name**: Input field with placeholder text 'Enter User Name'.
- Password**: Input field.
- Email**: Input field with placeholder text 'Enter Email'.
- Contact**: Input field with placeholder text 'Enter Contact Detail'.
- City**: Input field with placeholder text 'Enter City'.
- Date of Birth**: Input field with a date picker icon and placeholder text 'mm/dd/yyyy'.
- Full Address**: Input field with placeholder text 'Enter Address Detail'.
- Image**: File upload area with a 'Choose File' button and the text 'No file chosen'.

A blue 'Submit' button is located at the bottom left of the form. The browser's status bar at the bottom shows a temperature of 30°C, 'Sunny' weather, a search bar, and the system clock indicating 11:12 AM on 4/5/2024.

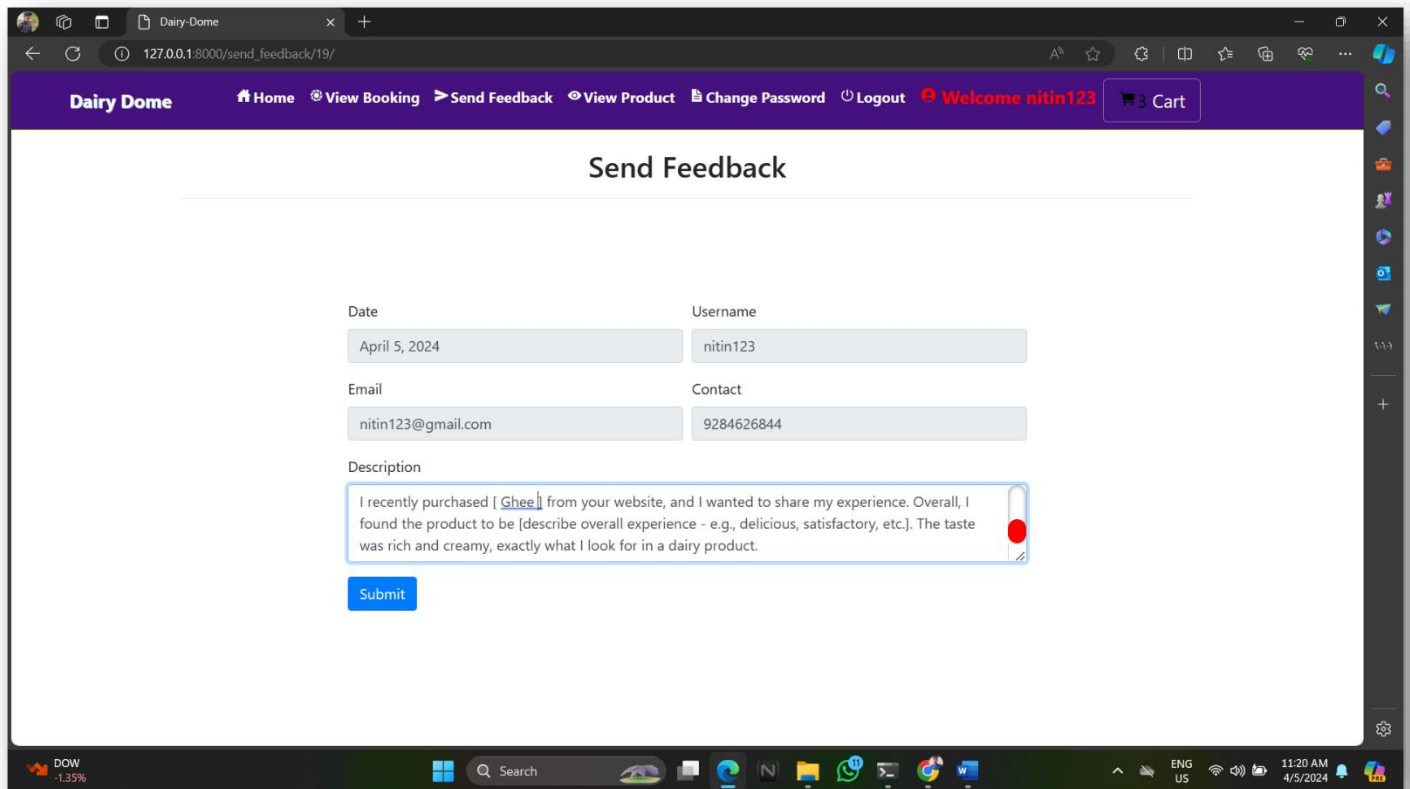
➤ View product :-



➤ View cart :-



➤ Send feedback :-



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/send_feedback/19/'. The website has a purple header with the 'Dairy Dome' logo and navigation links: Home, View Booking, Send Feedback (active), View Product, Change Password, Logout, and a welcome message 'Welcome nitin123'. A 'Cart' button is also present. The main content area is titled 'Send Feedback' and contains a form with the following fields:

Date	Username
April 5, 2024	nitin123

Email	Contact
nitin123@gmail.com	9284626844

Description

I recently purchased [Ghee] from your website, and I wanted to share my experience. Overall, I found the product to be [describe overall experience - e.g., delicious, satisfactory, etc.]. The taste was rich and creamy, exactly what I look for in a dairy product.

Submit

The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons. The system tray on the right indicates the time as 11:20 AM on 4/5/2024, with language set to ENG US.