

DairyDome

Name : Prasad Ravindra Patil

Class : MCA II (Technocats)

Roll : 32

Project Guide : **Mrs. Swati Kirange**

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

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.

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.

Operating Environment-Hardware and Software

► Hardware :

Processor	i5
Hard Disk	28 GB or More
RAM	4 GB or More
Operating System	Windows or Any

► Software :

IDE	VS Code
Python Version	3.9.13
Django Version	3.2
Operating System	Any
DataBase	SQLite
Browser	Any

Proposed System

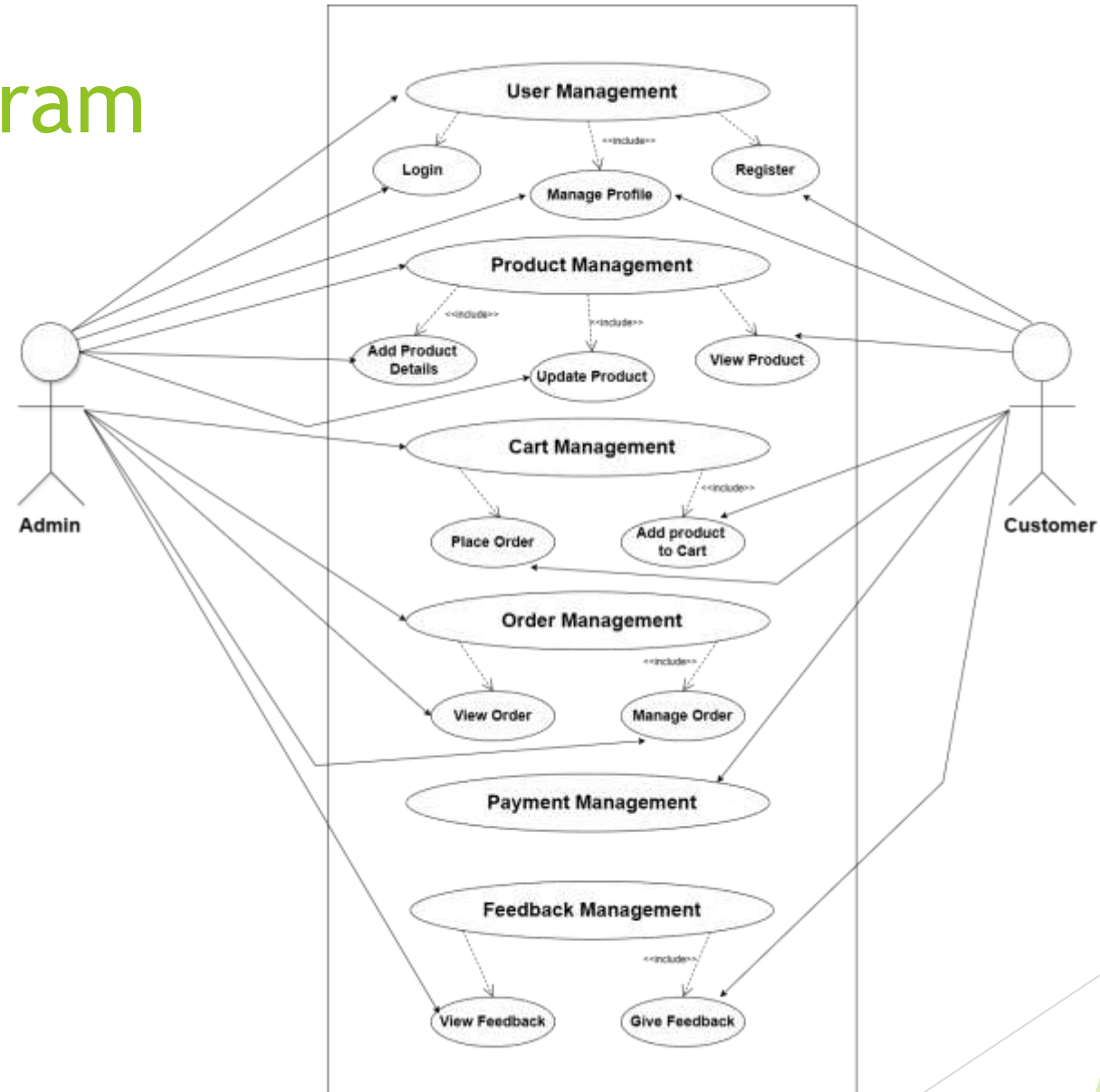
- System need to maintain quantity record.
- System need to keep the record of Student.
- System need to update and delete the record.
- System also needs a search area.
- It also needs a security system to prevent data.

Objectives:

- To manage and maintain data more easily through this web application.
- To ensure the system is user-friendly to satisfy the users' needs.
- To provide results very quickly.
- To allow users to securely store and organize their diary entries.
- To enable easy retrieval and editing of past entries.
- To offer customizable templates for diary entries to suit different users.
- To support multimedia attachments such as photos and audio recordings within entries.
- To ensure data privacy and protection with robust security features.
- To integrate with calendars and reminders for better diary management.
- To provide a search function to quickly find specific entries or topics.
- To offer synchronization across multiple devices for convenient access.
- To include options for exporting and sharing diary entries.

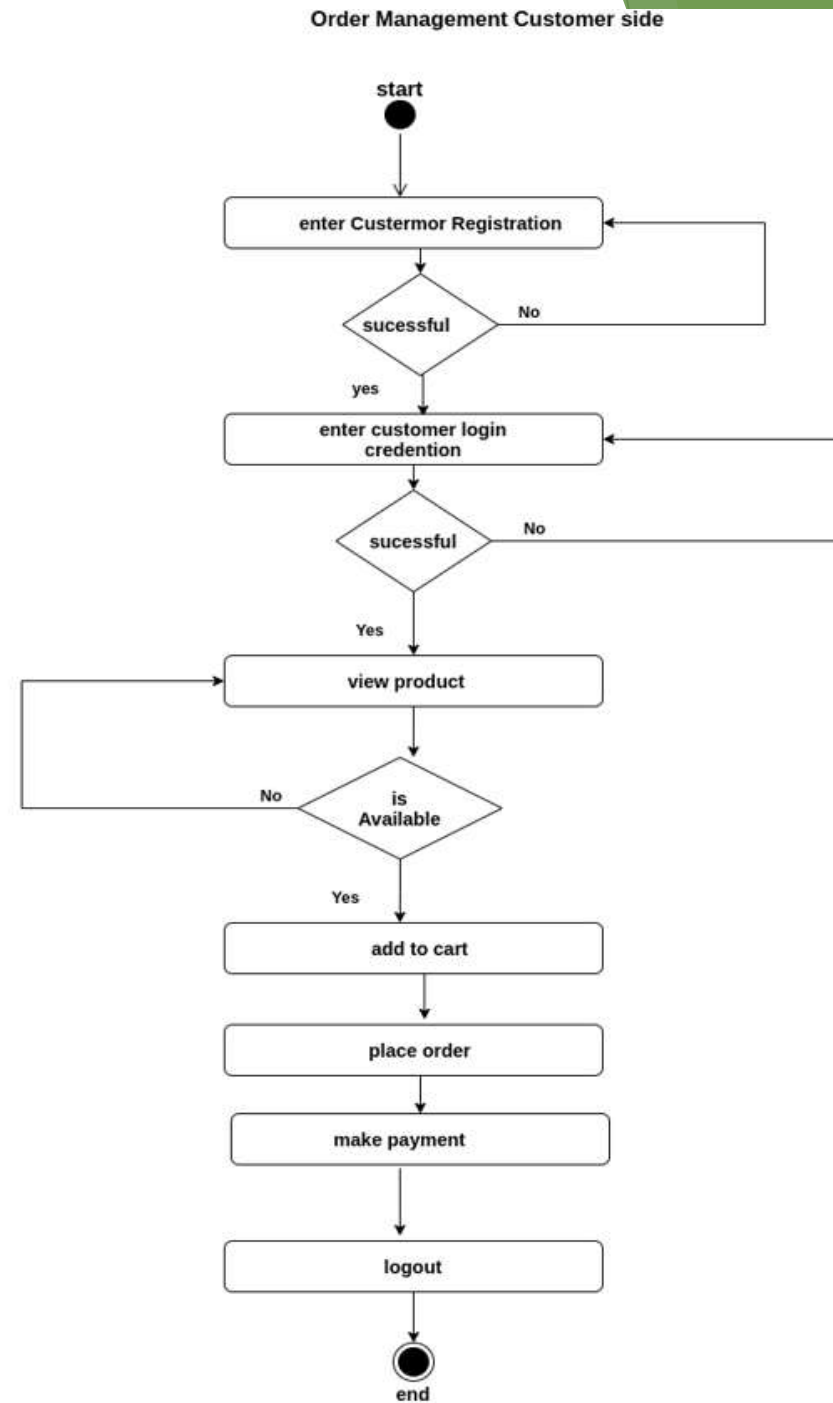
Use Case Diagram

► Use case Diagram

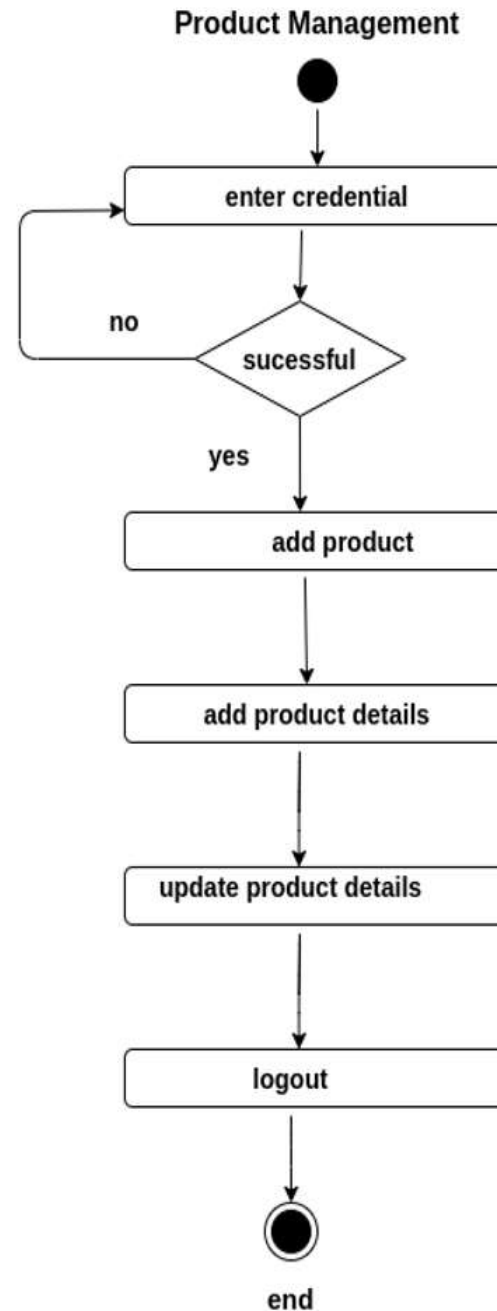


Activity Diagram

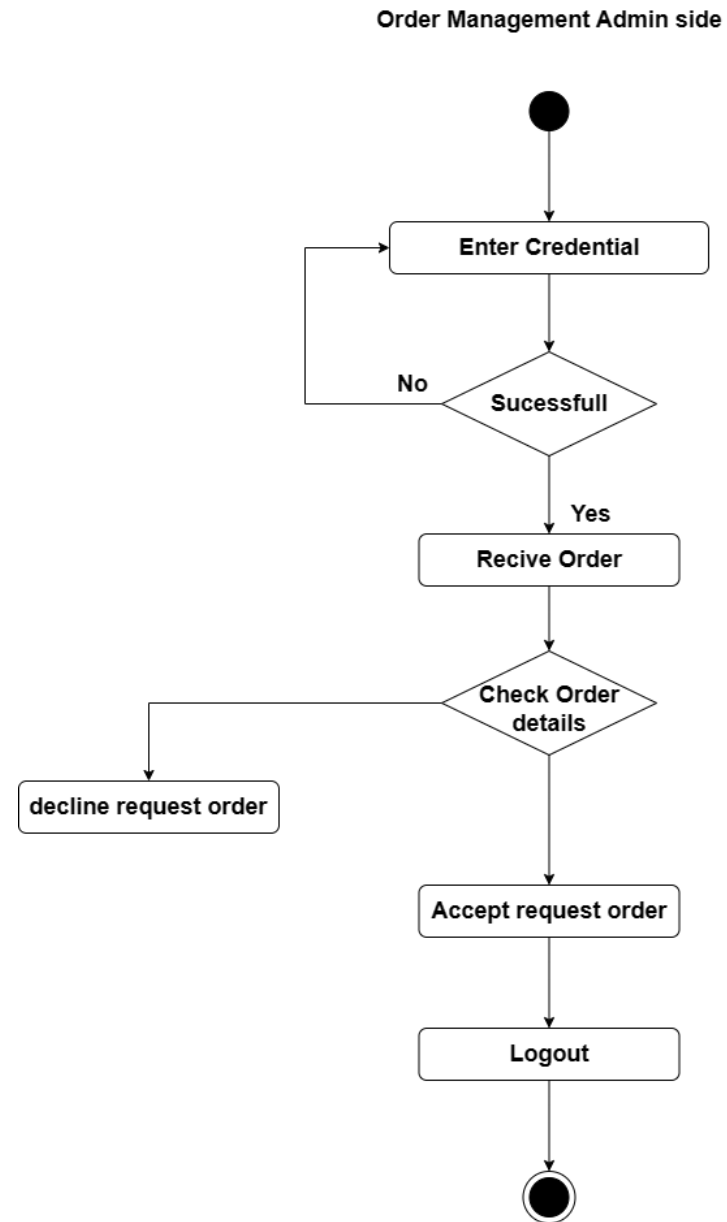
► Activity Diagram



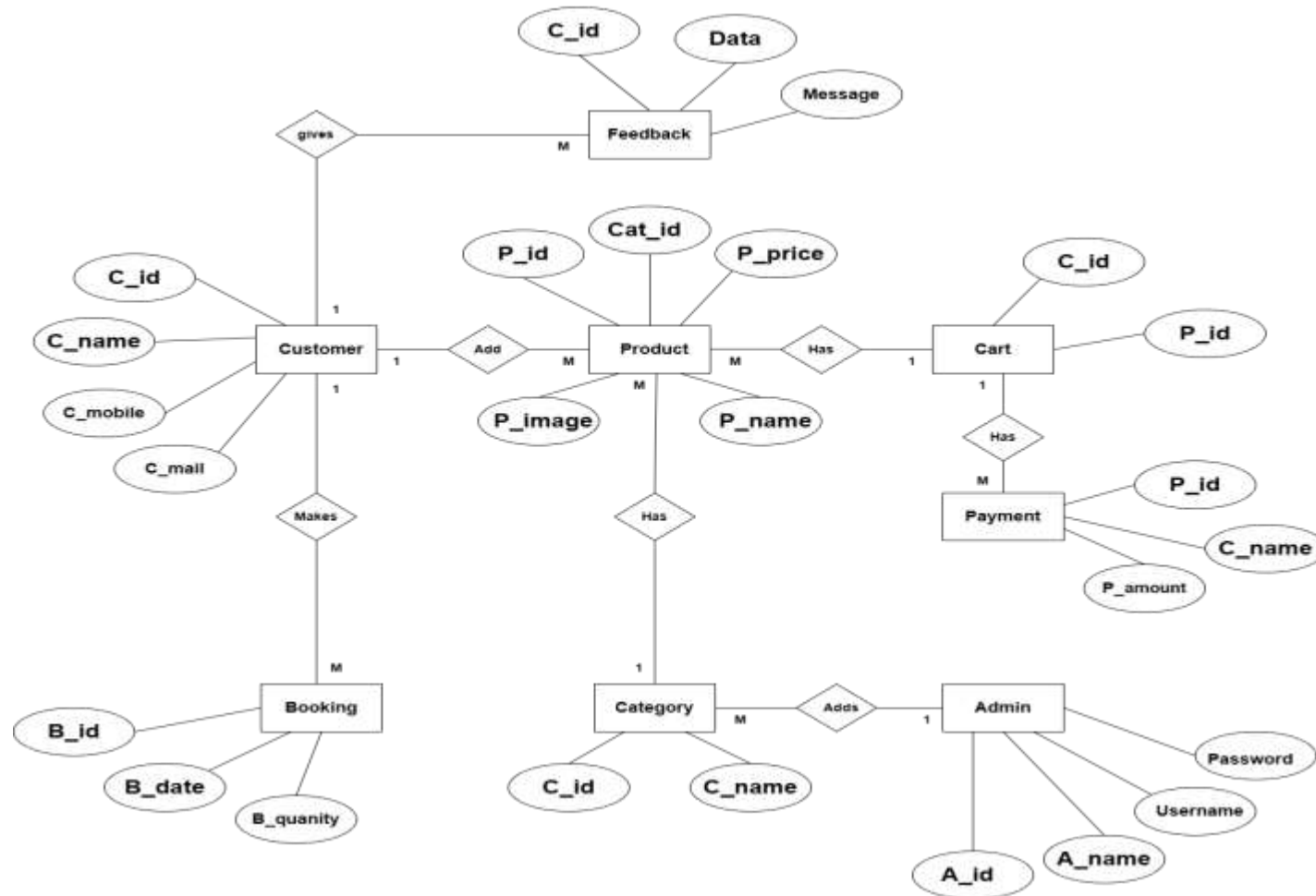
Activity Diagram



Activity Diagram

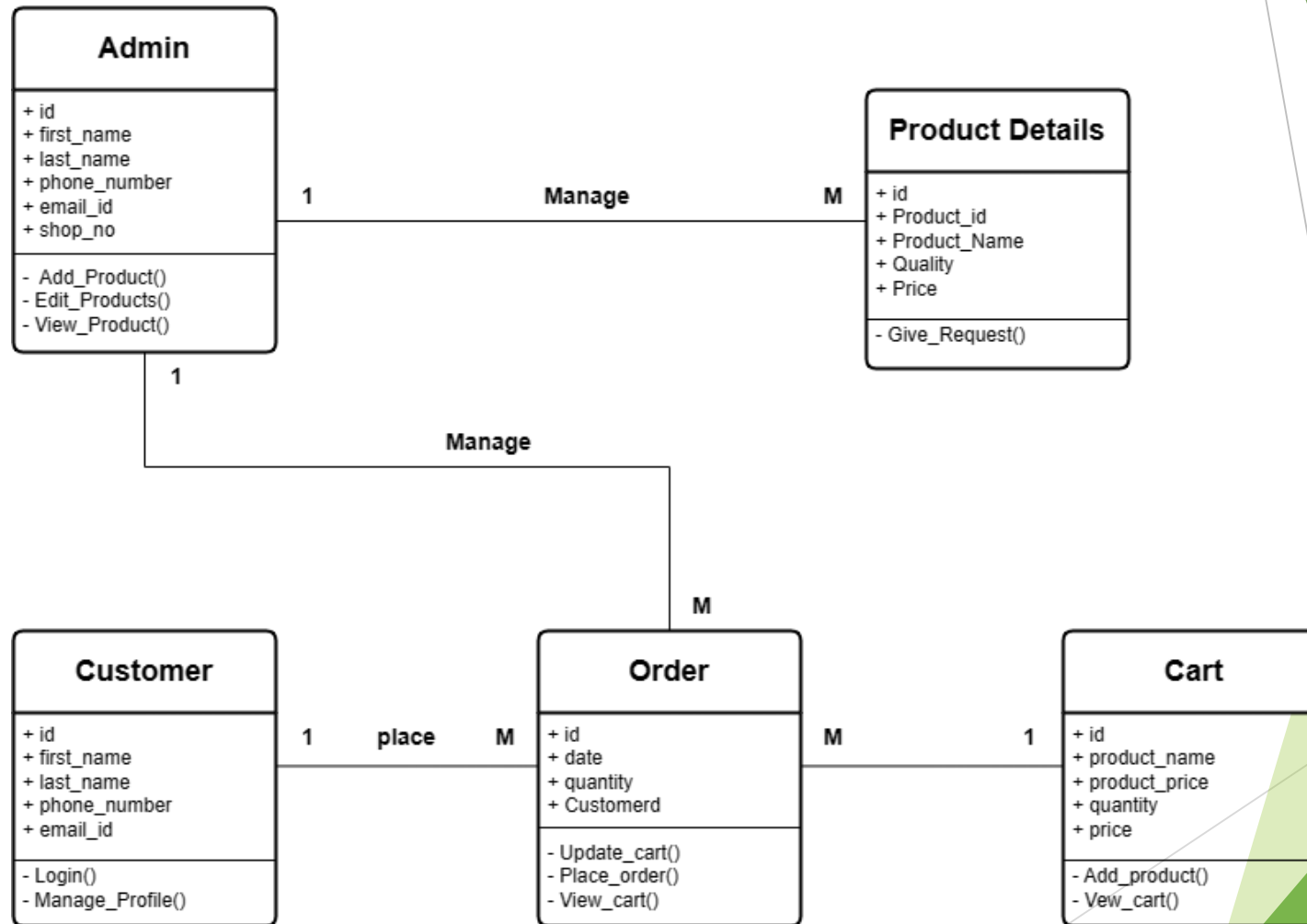


Entity Relationship Diagram

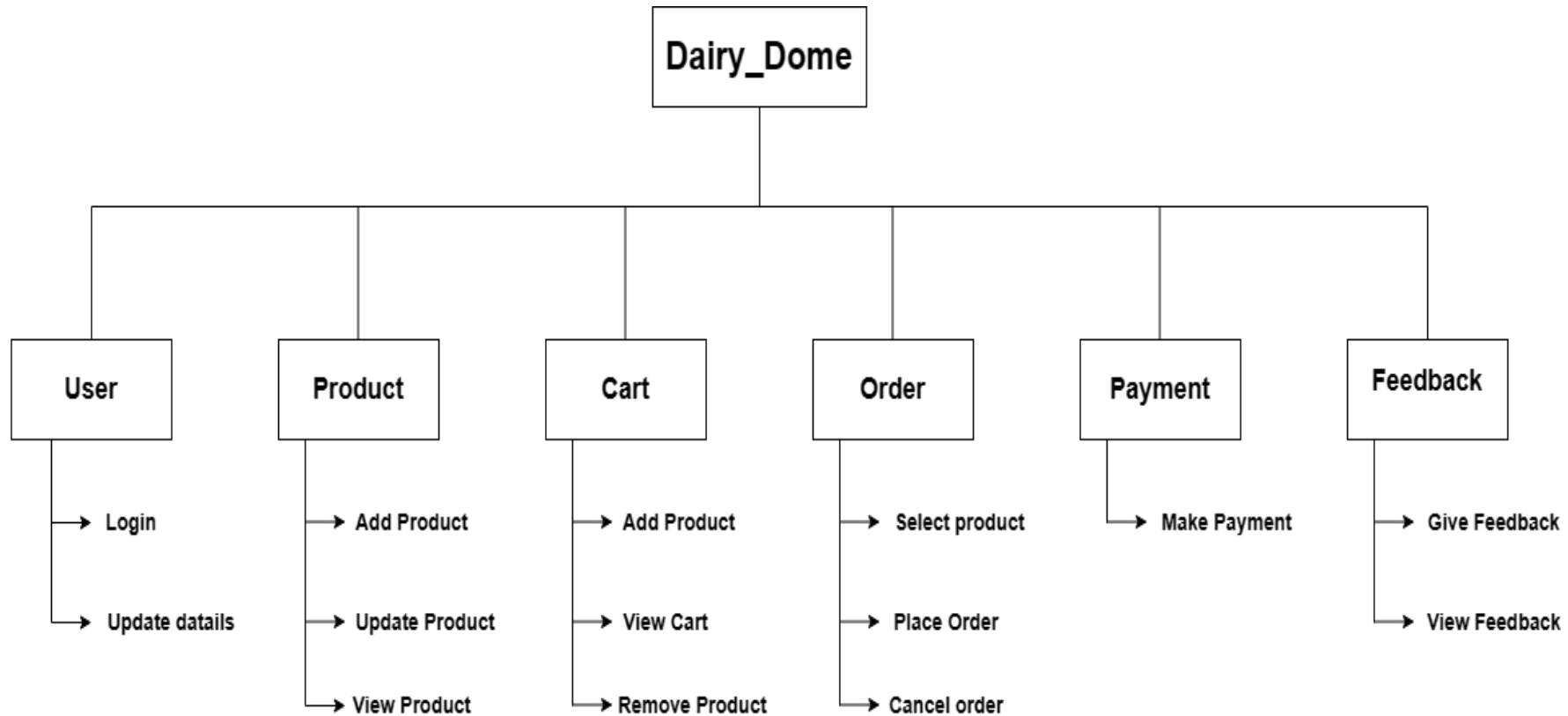


Class Diagram

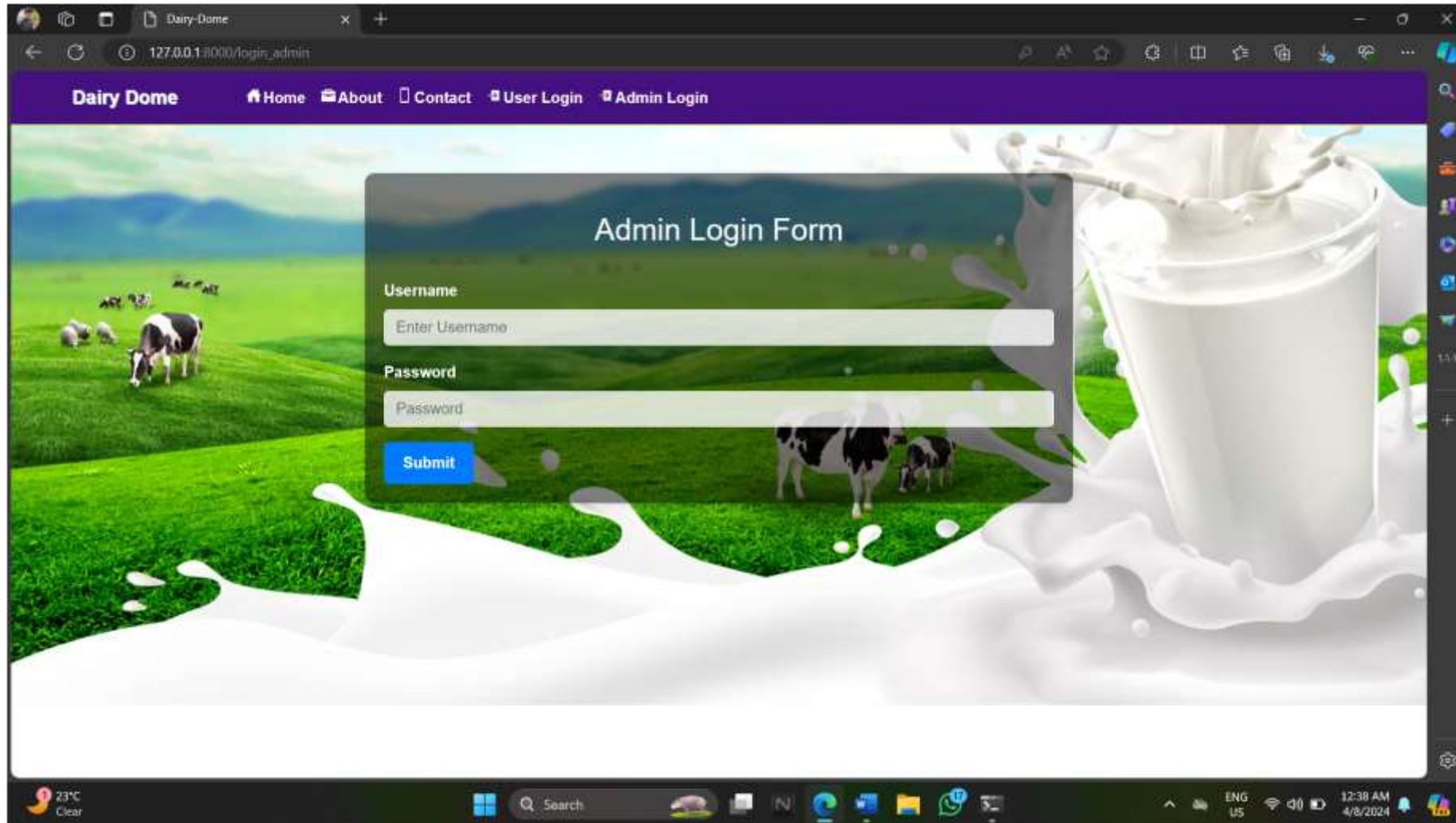
► Class Diagram



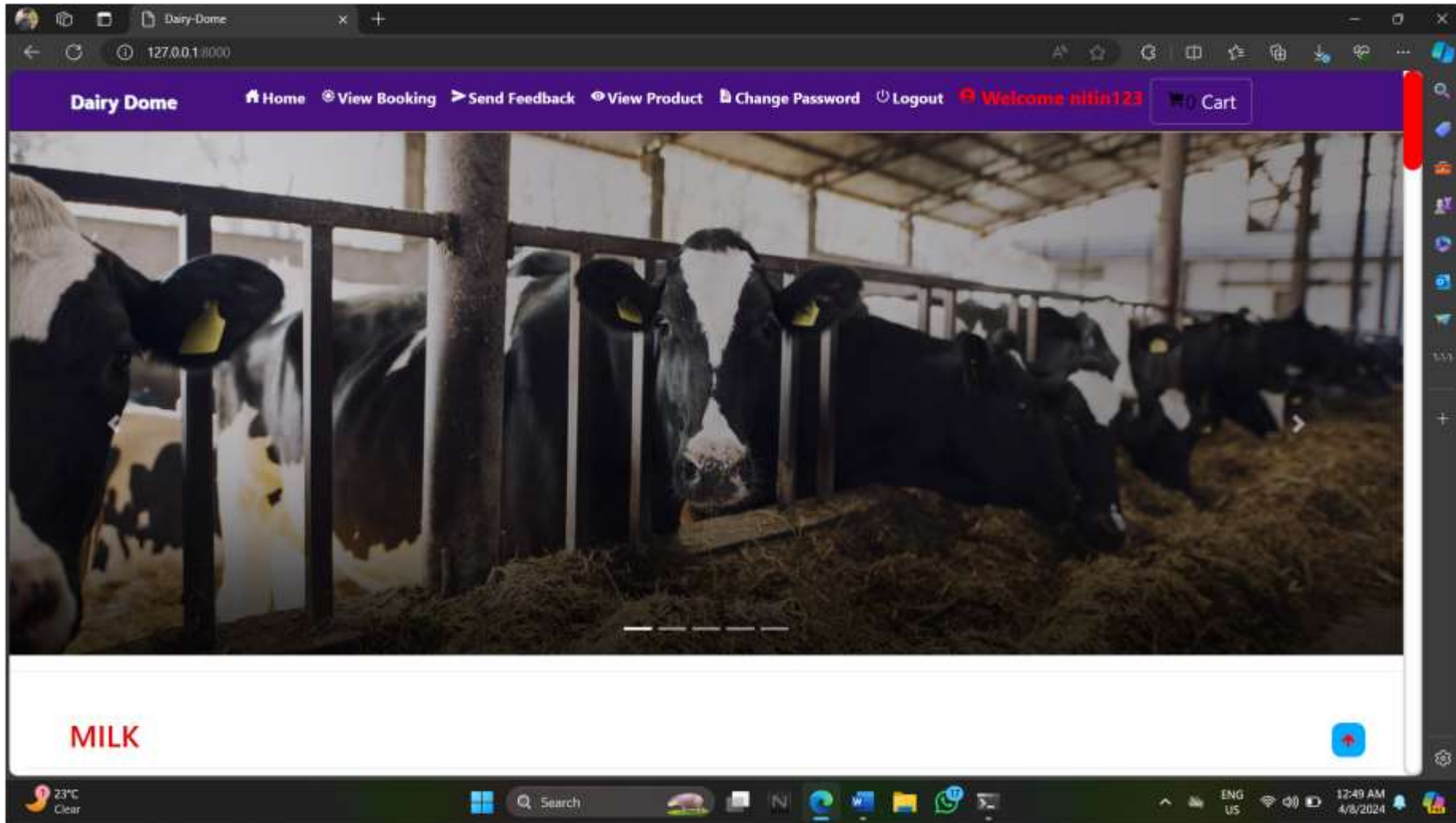
functional decomposition diagram



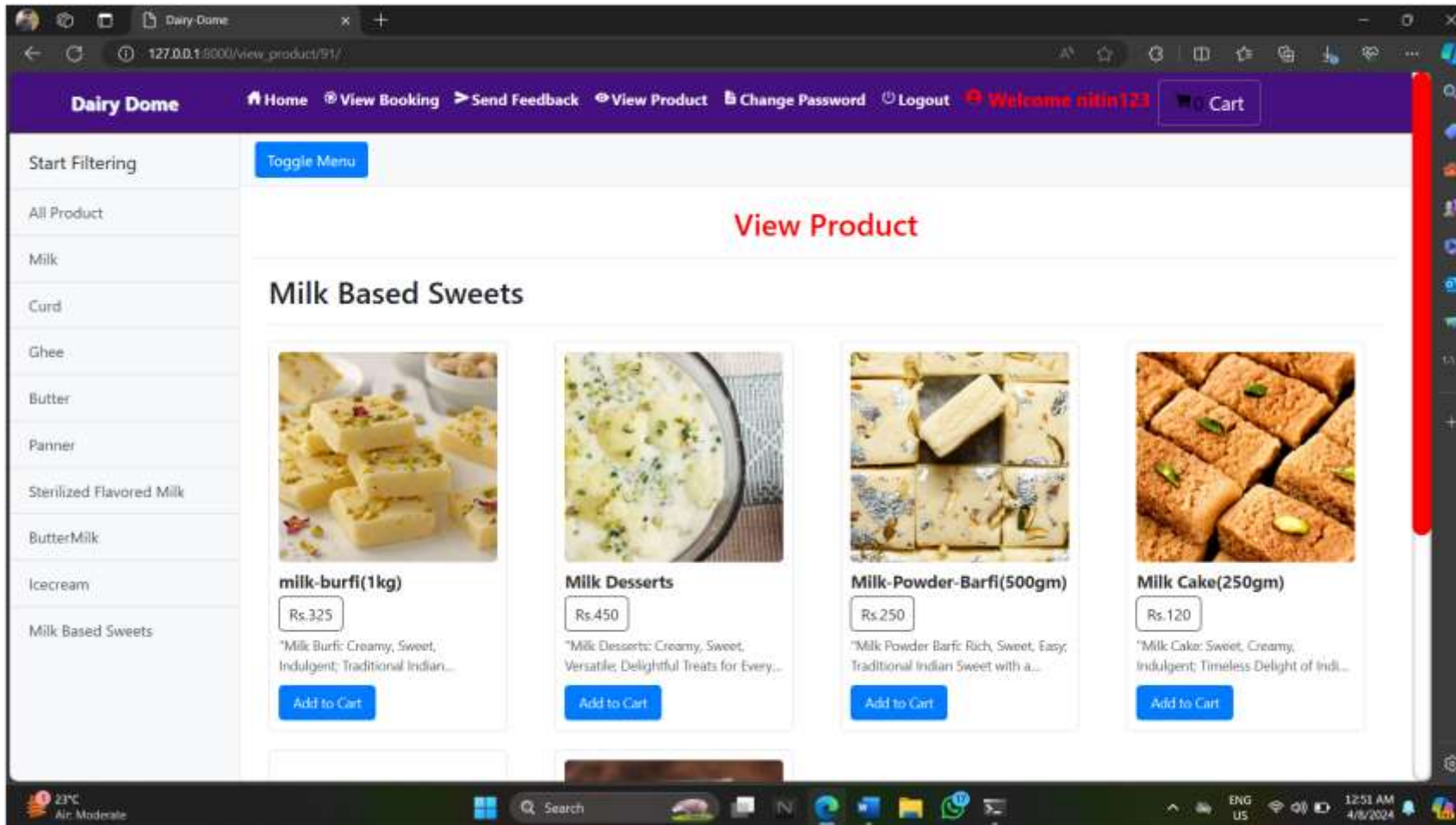
User Interface Screen



Home Page



View Product:-



View Booking:-

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

View Booking

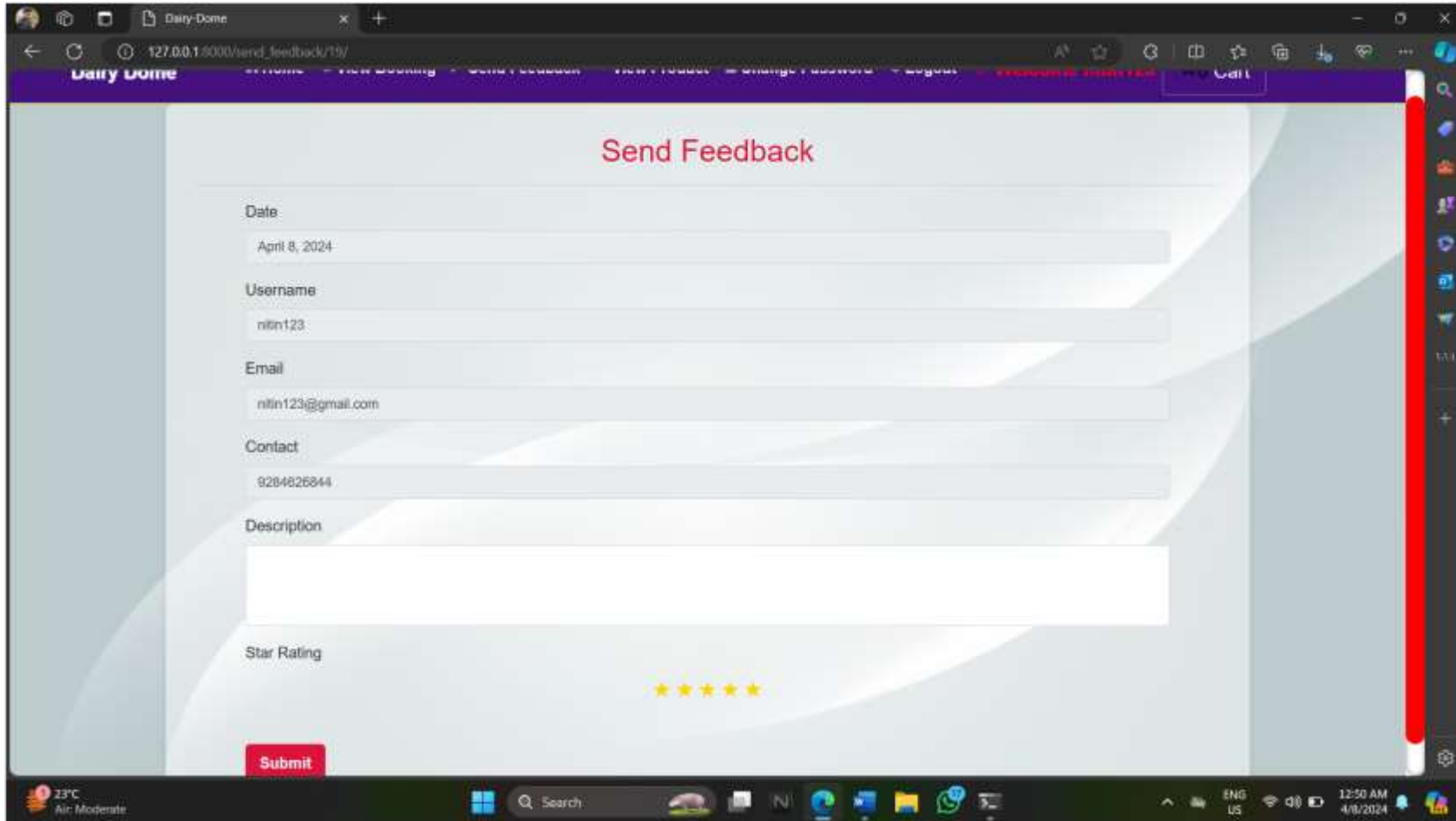
Show 10 entries Search:

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

Showing 1 to 4 of 4 entries Previous 1 Next

23°C Clear 12:49 AM 4/8/2024

Send Feedback:-



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5000/send_feedback/19/'. The website has a purple header with the 'Dairy-Dome' logo and navigation links: Home, View Booking, Send Feedback, View Reader, Change Password, Logout, and My Cart. The main content area is titled 'Send Feedback' in red text. It contains a form with the following fields: Date (filled with 'April 8, 2024'), Username (filled with 'nitin123'), Email (filled with 'nitin123@gmail.com'), Contact (filled with '9284826844'), and Description (an empty text area). Below the description field is a 'Star Rating' section with five yellow stars. A red 'Submit' button is located at the bottom left of the form. The browser's taskbar at the bottom shows the system clock as 12:50 AM on 4/8/2024, along with various icons for search, network, and other applications.

Send Feedback

Date
April 8, 2024

Username
nitin123

Email
nitin123@gmail.com

Contact
9284826844

Description

Star Rating
★★★★★

Submit

Profile

Sr no	Name	Data Type	Constraints
1.	Id	Integer	Not Null, Primary Key
2	Dob	Date	Not Null
3	City	Varchar	Not Null
4	Address	Varchar	Not Null
5	Contact	Varchar	Not Null
6	Image	Varchar	Not Null

Product

Sr no	Name	Data Type	Constraints
1	Image	Varchar	Not Null
2	Name	Varchar	Not Null
3	Price	Integer	Not Null
4	Desc	Varchar	Not Null
5	Category_id	Integer	Not Null

CART & CATEGORY

CART

Sr no	Name	Data Type	Constraints
1.	Id	Integer	Not Null, Primary Key
2	Product_id	Integer	Not Null
3	Profile_id	Integer	Not Null

CATEGORY

Sr no	Name	Data Type	Constraints
1.	Id	Integer	Not Null, Primary Key
2	Name	Varchar	Not Null

Booking

Sr no	Name	Data Type	Constraints
1	Book_date	Varchar	Not Null
2	Total	Integer	Not Null
3	Booking_id	Varchar	Not Null
4	Profile_id	Integer	Not Null
5	quantity	Varchar	Not Null

Test Case

Test Case Name: Registration

Test Case ID: TC01_Registration

Test Case Prerequisite: User must launch Campus training and placement 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 fill the all details".	Registration failed. Message shown "Please fill the all details".	Pass	
2.	Do the registration with duplicate username.	Registration failed. Message should be display "Username already registered".	Registration failed. Message shown "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.	Enter valid mobile number.	Registration should be successful.	Registration Successful.	Pass	
5.	Do the registration with full name containing at least first name and last name without space.	Registration failed. Message should be display "Full name contains at least first name & last name with space".	Registration failed. Message shown "Full name contains at least first name & last name with space".	Pass	
6.	Verify whether the user has leave empty field.	Registration should be Failed. All fields are mandatory.	Registration Failed.	Pass	

Test Case

Test Case Name: Login

Test CaseID: TC02_Log_in

Test Case Prerequisite:

User must be registered.

User must launch the campus training and placement portal.

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 display "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 display "Please fill all the fields".	Login failed Message shown "Please fill all the fields".	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: Tpo

Test Case ID: TC03_Tpo

Test Case Prerequisite:

User must be Login .

User must launch the campus training and placement portal

Sr. No	Test to be Performed	Expected Result	Actual Result	Test Pass/Failed	Remark
1.	Store Xml File	Error should come.	Xml file store.	Pass	
2.	Parse the xml file for conversion .	Accepted	File get Parse	Pass	
3.	Attribute Identification	Accepted	Identify Attribute	Pass	
4.	Weight analysis	Accepted	Analyse weight of actual attribute	Pass	

Test Case Name:

Test Case ID: TC04_

Test Case Prerequisite: User must launch the campus training and placement portal

User must be Login.

Sr. No	Test to be Performed	Expected Result	Actual Result	Test Pass/Failed	Remark
1.	Tree Formation	Accepted	Formation	Pass	
2.	Cluster Evaluation	Accepted	Should check cluster.	Pass	
3.	Algorithm	Accepted	Should work algorithm properly.	Pass	
4.	Query Formation	Accepted	Should check Query	Pass	

Drawback and Limitations

- The purpose of this project is to provide Dairy products to directly the consumers more effectively than the existing system.
- The limitation with the application can also be looked into and enhancement can be made as per user requirement.

Proposed Enhancement

- ▶ In future there is a chance change the application according to the requirements.
- ▶ In future we can add Chatbot for clarifying our doubts.
- ▶ User will get the receipt of the payment.
- ▶ Will also add maps to locate stores for nearby areas .

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.

The background features abstract, overlapping geometric shapes in various shades of green, primarily on the left and right sides, creating a modern, layered effect. The central area is white.

Thank You