



OBJECT ORIENTED PROGRAMMING 2 Project Report

TRIO DAIRY FARM

Section: F

Submitted To: Md. Nazmul Hossain

Lecturer, Computer Science

American International University-Bangladesh (AIUB)

Submitted By: Group 11

Name	ID
Md. Abu Talha	21-45688-3
Fatema Akter Sujana	21-45693-3
Nabiha Tahsin	21-45685-3

Submission Date: 02.01.2024

Objectives:

E-commerce and online shopping have grown so much around people of all over the world because of how easy and convenient it is. Online platforms and retailers provide a wide range of products, from electronics and furniture to books and clothing. It's a type of shopping where customers may purchase products or services straight from a vendor without physically being present in purchasing goods.

For the conveniences and advantages in buying the daily needs in life, all kinds of products are retailed by retailers and so bought by online shoppers simultaneously. This convenience also includes people's dairy needs in this project. This project "TRIO DAIRY FARM" demonstrates how dairy things and products like fresh milk, butter, cheese and solid items like cow, goats can be supplied and reached at people's doorsteps with then intention of providing pure and healthy dairy goods.

Scope:

- To make online purchase benefits for people
- To receive the needed merchandise by delivery from home
- To offer a variety of pure and budget friendly dairy items linked to everyday necessities
- To acquire the goods in several pricing brackets.
- Giving clients convenience by allowing them to place orders online
- To create a functional remotely platform for buyers
- To offer a more improved and approachable system
- In order to protect user privacy and data security

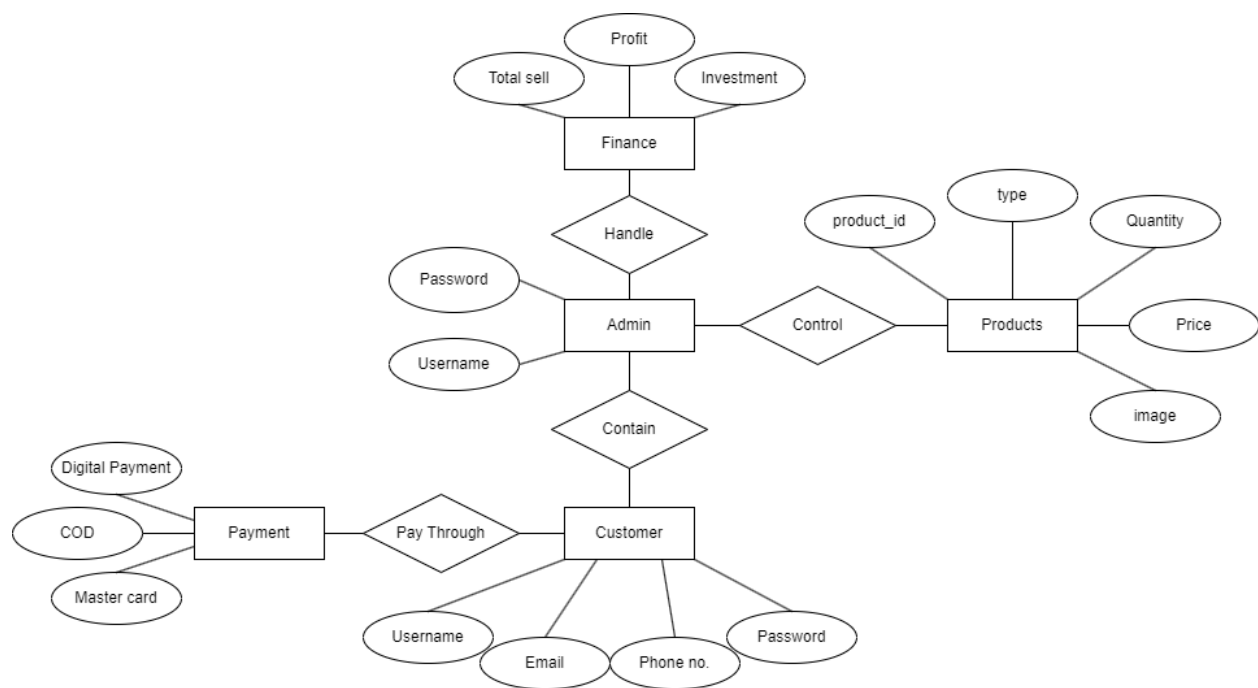
Proposed System:

Trio Dairy Farm is an admin defined and user-friendly app or website interfaced system. It is a system where dairy goods like cow, goats, cow milk, butter, cheese etc. are added by three admins for customer's needs. This system has a motto, "**Premium Quality Dairy Products and Satisfactory Service for Good Health**". One can see the admin details and system background linking on its front page.

From an admin's perspective, after logging in to the system, admin can check product dashboard where he can insert, update, clear or delete product info, and even upload product photos. Also, he can see the current financial details of the system. An admin can see the customer list who have signed up in this system.

From a customer's perspective, a customer needs to sign up first and then log in to system. There at customer panel, he can see products list. After that he can see his My Cart. Whatever he selects and proceeds to buy is stored in his cart. When he proceeds to confirm to buy, the payment option comes up. Both admin and customer can log out of the system anytime.

Possible Diagram:



Functional Requirements:

Home page: “Explore” is the home page. From here, through “About us” link label, one can see the background information about the system, supervisor and admins. And through “Explore Now” button, you can go to next or login page.

About Us: Here through 2 sub forms, one can first know the motto of TRIO DAIRY FARM and the next page, you can see the supervisor and admins info.

Login As: Login As page has two options. You can either login as admin or customer. As there are three admins, only they can login as admins.

Login as Admin: Admin can login inputting username and password which are already logged in the system database.

Admin Panel: After logging in, admin can first see the products details. Here he can add, delete, update products.

Finance: Admin can see his sell, profit, investment information.

Customer List: In customer list admin can see, which products customer has ordered and the customer lists who have already signed up.

Customer Sign Up: Who have not signed up first, has to sign up in Customer sign up page. Then again, he will be directed to login page. Then he can login as a customer.

Customer Login: The customers who have already signed up can sign in.

Customer Panel: Upon logging in customers can see the product lists available.

My Cart: In My Cart, customer can see his chosen products and there he will confirm to purchase which will take him to payment page.

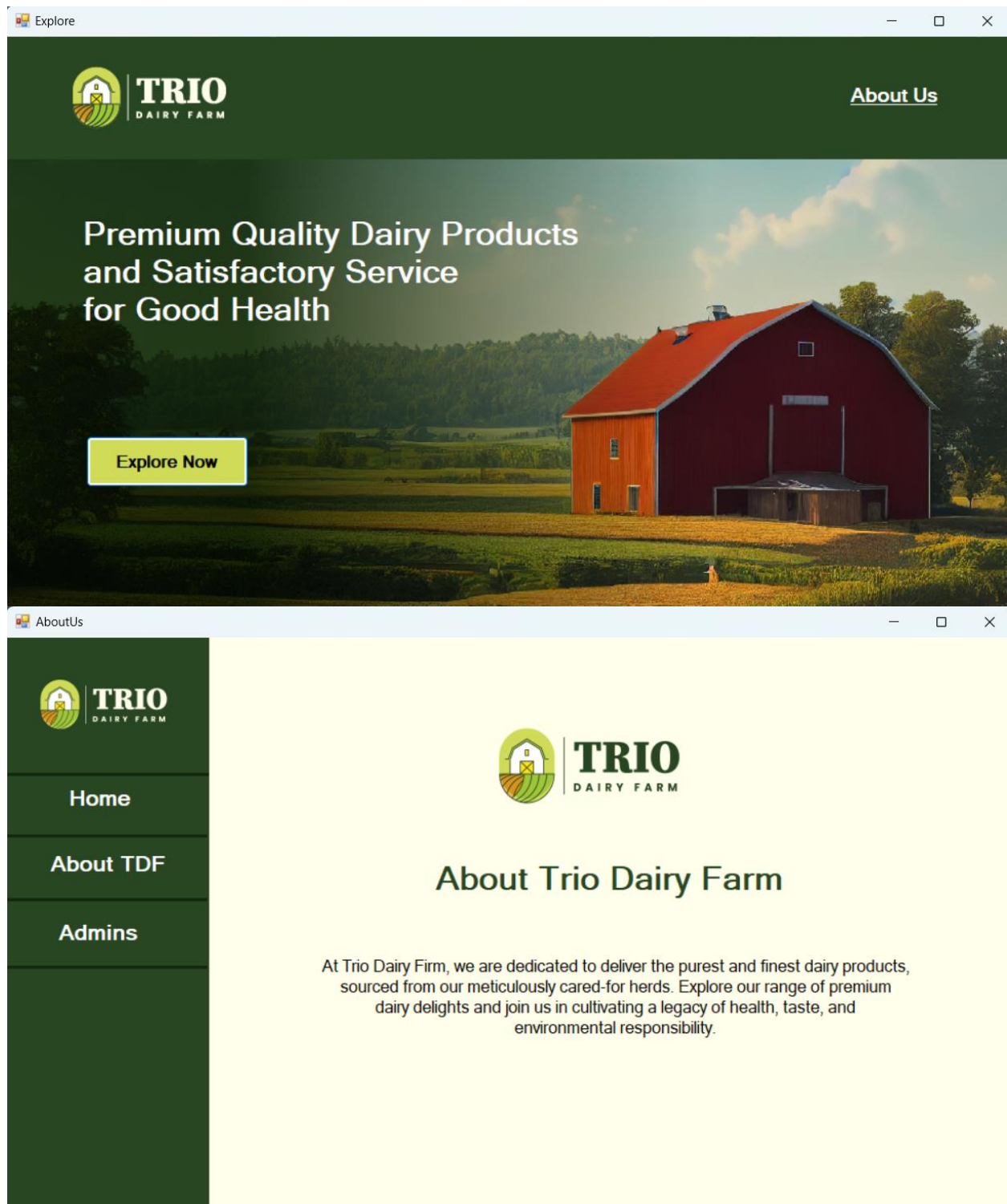
Payment: After confirming the selected products, customer will go to payment page. Here, he can pay in three methods: digital payment, Cash on Delivery, Master card. Here he can select a method and proceed to buy.


Log Out: Log out option will be directed oneself to log out of the system and again take you to the login as page to again login for the system.

System Features:

- Admin logins
- Customer Sign-ups
- Customer Logins
- Products display at customer panel
- My cart section for selected items
- Payment options
- Admin dashboard
- Customer details
- Finance update

Form Images:






Home


About TDF

Admins




Md. Nazmul Hossain
Supervisor,
American International University-Bangladesh (AIUB)
Email: nazmul@aiub.edu


ADMINS:




Md. Abu Talha
21-45688-3



Fatema Akter Sujana
21-45693-3



Nabiha Tahsin
21-45685-3



Log in As

Admin

Customer



TRIO
DAIRY FARM

Log in As

Admin

Customer



TRIO
DAIRY FARM

Admin Log In

Enter Your Email



Enter Your Password



Log In



TRIO
DAIRY FARM

Customer Log In

Enter Your Username




Enter Your Password



Log In


Don't have any account? [Sign Up Here](#)

SignUp




Customer SignUp


Enter your Username




Enter your E-mail



Enter your Password




Enter your Contact Number




Sign Up

[Already have an account?](#) [Log In Here](#)

Admin



Admin Pannel

 Profile

Products

Finance

Customer List

Log Out

ID

Type

Quantity

Price

Insert

Update

Delete

	Product ID	Type	Quantity	Pr
▶	1	Goat	80kg	30



Admin Pannel

[Products](#)[Finance](#)[Customer List](#)[Log Out](#)**Total Sell**

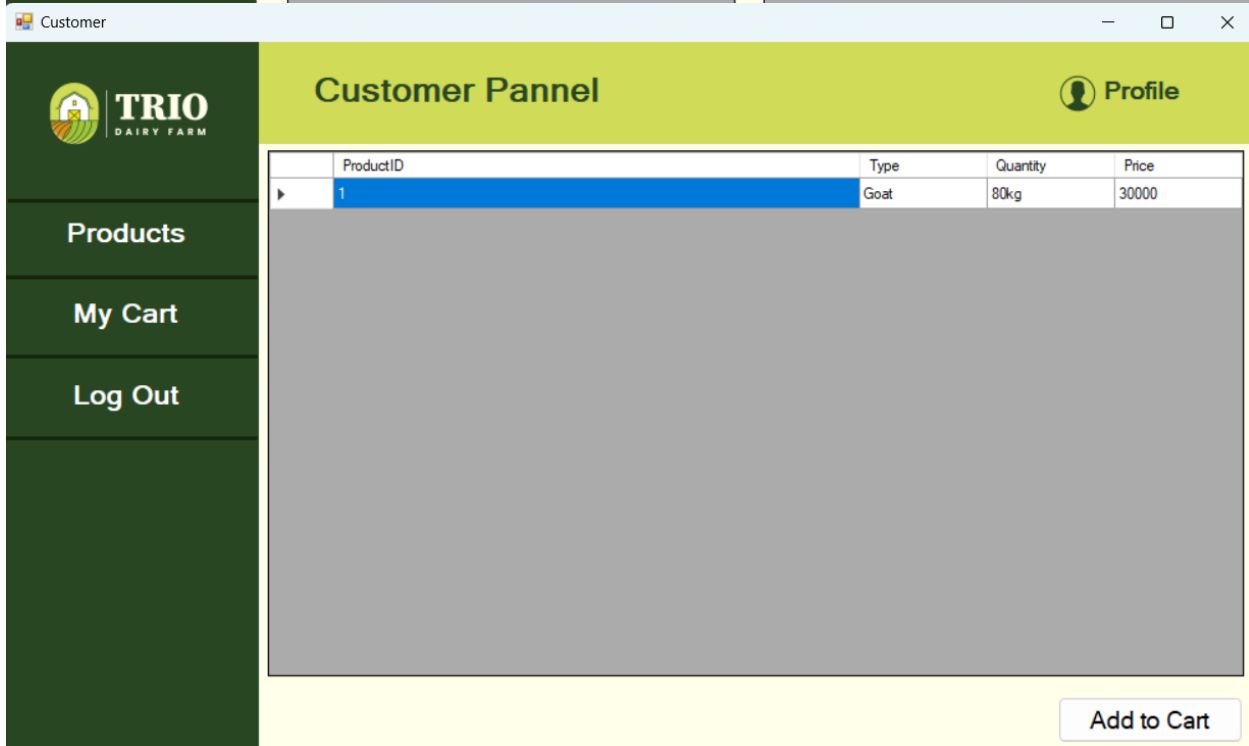
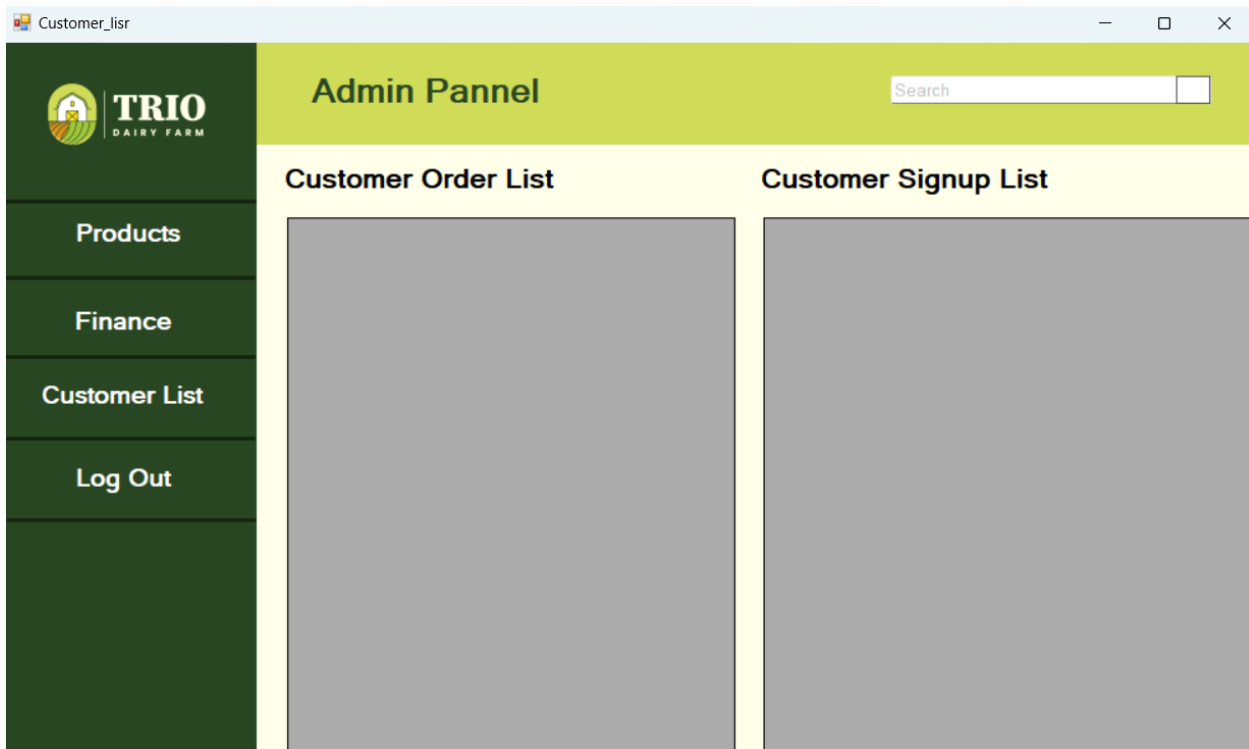
15,000tk

Total Profit


5,000tk

Investment

10,000tk



MyCart



Products

My Cart

Log Out


Customer Pannel

Your selected products are here

	ProductID	Type	Quantity	Price
▶	1			
*				

DeleteConfirm Purchase

Payment



Payment Pannel

Your selected products are here

Select Payment Method

Digital Payment

Cash On Delivery

Master Card

Cancel OrderConfirm Payment