



# American International University- Bangladesh

## Object Oriented Programming 2 Project Proposal

Group No: 10

**Project Title: [Hassle of cattle](#)**

Members:

| Student Name           | Student ID |
|------------------------|------------|
| Emon, MD Emrul Hasan   | 19-40357-1 |
| Oishi, Afifa Tazremin  | 19-40028-1 |
| Sharif, Lokman Hossain | 19-39579-1 |

# Objective

This document's purpose is to provide information about our project. It explains the project's users and their roles. There will be 2 user in this project – Admin and employee. The main goal of our project is to have an efficient way to manage data in an easy to understand, organized rule to save time and understand the health, reproductive and nutritional status of their cows. This well informed suggestions will help to keep our cows productive.

The admin who manages all the functions of the dairy shop. Admin can see all detail in brief like admin can add new companies and edit, delete old companies. Admin can add new products and edit old products and also see the sales. Admin can also update his profile, change the password.

Employees are mainly manages the cow's information, milk production, feeding, cleaning and maintenance and also the financial details.

It includes powerful management capabilities such as reports, graphs, analytics, task lists, and lifetime cow card history in Dairy Farm Software. Heat and health monitoring tags, as well as milking stations, capture data, which is then sent to the system. Other components such as sorting gates, feeding, a walk-through scale, and others can also be controlled and supported by the system.

# Scope

To help generate people in solving such problems, we planned to create an app which will give people access to employer who are ready to be hired. Our app will be used by both admin and employer. Employer can easily sell authentic dairy products from our app. And vendors there sell digitally dairy products on our platform. Apart from that the farm owner can find a very well organized business through this app. They can use marketing techniques through this platform using videos or pictures there. Our app has many features. Customers can complain if there is any problem with the product, the immediate support team will investigate and take action.

# Proposed System

The Dairy Management System provides a one-stop shop for collecting dairy goods, processing payments, adding rate cards, and keeping track of spending. Employees and salaries can also be managed by users of the Dairy Management System. It's a wonderfully designed and created tool that allows dairy owners like you to handle all of your business procedures from a single app. This is a subscription-based service that was created to assist dairy farmers in reducing losses and increasing output.

The Application allows to Create, delete and update Employees, Create, delete and update Cows. Manage Milk Stock. Manage Milk Sales. Manage Incomes and Expenditures Cows Health. A dashboard helps to show the import data and analytics of the application. The app is going to be so convenient and easy to use to well organized to a dairy farm. Develop and create a brand for ready-made dairy products

## Functional Requirement and Systematic Features :

### Login:

- The application has a login page where it allows to login via username and password
- After successful logging in the application as a admin, he/she show the employee information.
- After successful logging in the application as a employee, he/she show the dashboard where including many item or feature.
- If email or password any of them is given wrong, then it will show an error message and show the Home Page.
- If a passenger forgets their password, there will be a forgot password option by that the system will send them a code to reset their password.

### Employee:

- There will be search option where user can easily find there information.
- There will be an 'employee information desk' where employee change there Date of birth, phone number.
- If passengers want to change the instruction, they must follow some instructions.

### **Help & Support:**

- In home page there will be a “Help & Support”, so that they can contact with the admin panel.
- There will be a message box where they can write their problem and send it.

## **Features :**

User Category: There will be mainly 2 types of users in this system. Those are:

- 1) Admin
- 2) Employee

Common features:

- Can log in to the application.
- Can see all cows information.
- Can see finance department (including income list).

The “Admin” will have the following features:

- Add/Edit the employee name
- Add/Edit the date of birth
- Add/Edit gender
- Add/Edit phone number
- Add/Edit address
- Add/Edit password
- Delete employee

The “Employee” will have the following features:

- Add/edit cow information
- Add milk production information
- Add/edit health report for every cow
- Add breeding information
- Add/edit milks sales information
- Can show the finance information
- Can Show the all sales and logistic report as a dashboard.