# Dairy Delights



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**Course:**

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CSC-102 Programming Fundamentals Dairy Delights

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# 1. Introduction:

Dairy Delights Business Application is a console-based application designed to manage operations for a dairy products business. This application provides functionalities for three types of users: Admin, Employees, and Customers. The application offers a userfriendly interface allowing efficient management of tasks related to inventory, sales, and customer interactions.

# 2. User Roles and Functionalities:

Dairy Delights supports three user roles: Admin, Employees, and Customers. Each role has distinct functionalities tailored to their specific needs.

# i) Admin:

1. Add new employees to the system.
2. Remove employees from the system.
3. Set discounts on specific products.
4. Remove discounts from products.
5. Give bonus to employees.
6. Add new customer.
7. Check salary of employees
8. Check Revenue.

# ii) Employees:

1. View available products, quantities, and prices.
2. Add new products to the inventory.
3. Remove products from the inventory.
4. View customer profiles.
5. View available discounts on products.
6. Change login password.
7. Check leaves.
8. Check Salary.

# iii) Customers:

1. View Products
2. Add to Cart.
3. View the total amount of the cart.
4. View available discounts on products.
5. Update personal information.
6. Give feedback
7. See information about products.
8. Change password.

|  |  |  |
| --- | --- | --- |
| User type | Function | result |
| Admin | Add new employee | It will add employee |
| Remove employee | It will remove employee |
| Set discount | Offer discount on some products |
| Remove discount | Remove discount |
| Give bonus | Hardworking students gets bonus |
| Add new customer | Add new customer |
| Check salary of employee | Check salaries of employees |
| Check revenue | Check profit |
| Employee | View products | See products available |
| Add products | Add more products |
| Remove products | Remove products |
| View customer profile | View customer details |
| View available discount | See discount |
| Check leaves | Check how much leaves remaining |
| Check salary | Check its salary |
| Change login | Change password |
| customers | View products | See products available for sale |
| Add to cart | Things he wants to buy |
| View total amount of cart | See how much products worth |
| View discounts | See discount |
| Give feedback | Tell how was the experience |
| See information about products | See info about products |
| Change password | Change login password |
| Change personal information | Change phone number or something else. |