

Dairy Delights



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Course:

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CSC-102 Programming Fundamentals

Dairy Delights

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#                                     #
#          ****      ****           #
#          ** **    ** **          #
#          ** **    ** **          #
#          ** **    ** **          #
#          ****      ****           #
#                                     #
#-----DAIRY - DELIGHTS-----#
#                                     #
#####

Login Page:
Enter username: employe23
Enter Password: emp23
```

Figure 1: Login page.

```
#####
#                                     #
#                                     #
#          ****      ****           #
#          ** **    ** **          #
#          ** **    ** **          #
#          ** **    ** **          #
#          ****      ****           #
#                                     #
#-----DAIRY - DELIGHTS-----#
#                                     #
#####

what would you like to do sir ?
1 add first product data
2 add Second product data
3 add third product data
4 Calculate total
5 view all products data
6 exit
```

Figure 2: Some of employee functions.

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 user-friendly 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.