

**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 employee to the system.
- 2) Remove employees from the system.
- 3) Set discounts.
- 4) Remove discounts.
- 5) Update prices of products.
- 6) Add more products in inventory.
- 7) Buy more stock for the inventory.
- 8) Remove products from the inventory.
- 9) Review complains form employees.
- 10) Check review about products form user.
- 11) Change password of any user.

### **ii) Employees:**

- 1) View products which are currently for sale.
- 2) Add new products to the inventory.
- 3) Remove products from the inventory.
- 4) Update the prices of products.
- 5) View available discounts on products.
- 6) Remove discount.
- 7) Write details about product so that user can easily understand what product is.
- 8) Write complains to the Admin.
- 9) Check review about products form user.
- 10) Change password but not of Admin.

### iii) Customers:

- (1) View Products
- (2) Add to Cart.
- (3) Remove products form the cart or complete delete it.
- (4) View what is in the cart.
- (5) See Information about a Product.
- (6) Give Review about a product.
- (7) View Discount Available Right now. (8) Check out and print the invoice
- (9) Change password.

As a	I want to perform	So that I can
Admin	Add new employee.	Add a new employee to the system.
	Remove employee.	Remove employee from the system.
	Set discount.	Offer discount on my products.
	Remove discount.	Remove discount form products.
	Update prices.	Change increase or maybe decrease the price of items which I like.
	Add products.	Add new products for sale in my inventory.
	Buy more stock.	Increase the quantity of products that are available for sale.
	Remove products.	Remove products form inventory which are for sale.
	Review complains.	See that which employee have issues and I can solve it.
	Check review of customer.	See that review form user and is customer liked the product or not.
	Change password.	Can change password of any username without even knowing old passwords.

Employee	View products.	See products available for sale.
	Add products	Add new products for sale in inventory.
	Remove products	Remove products form the inventory
	Update prices.	Change increase or maybe decrease the price of items.
	View available discount.	See discount currently available.
	Remove discount.	Remove discount form the products.
	Writes detail about products.	So that user can easily understand about product.
	Writes complain to Admin.	Writes the issues he is facing to the admin so that issues can be resolved.
	Check review of customer.	See that review form user and is customer liked the product or not.
	Change password.	He can change password but cannot change password of employee.
customer	View products.	See products available for sale.
	Add to cart.	Things he wants to buy.
	Edit the cart.	Delete the whole cart or remove some products from the cart which he does not want to buy now.
	View cart	See what is in the cart right now.
	View discounts	See discount available right now.
	Give feedback	Tell how was the experience
	See information about products	See info about products
	Change password	Change login password
	Check out	Check out and print invoice.