Inventory Management System Instructions

Introduction

Welcome to the Inventory Management System of "Super-Lee"! This system allows you to manage products, items, discounts, orders and generate various reports. The system uses a command line interface for you to communicate with.

Running the System

To run the system type: "java – jar adss2024_v01.jar".

Sample Data

The database Inventory.db already contains data for you. You can see this data in the file "sampleSuper.txt. This data consists of product items and discounts, including product details, item information, and discount periods with applicable categories and products.

*Note: in our system product is for example: "humus Ahla 500g", and item is for example a specific box of:" humus Ahla 500g" with a specific ID 123 and expired date "6/9/2024".

Menu Options:

1. Add Product

• Add a new product. You will be prompted for the product name, buying cost, selling cost, categories, manufacturer, minimum amount allowed, warehouse location, and store location.

2. Add Item

• Add a new item. You will be prompted for the product name, item ID, expiration date, and whether the item is in the warehouse or on the store's shelves.

3. Add Discount

• Add a new discount. You will be prompted for the start date, end date, categories, discount parameter, and whether the discount is for customers (in-store) or from suppliers.

4. Get Item Product Name

• Get the product name of an item. You will be prompted for the item ID.

5. Get Report By Category

• Generate a report of products by category. You will be prompted to enter categories.

6. Get Report Almost Missing

• Generate a report of products that have amounts lower than the minimal amount allowed in the inventory.

7. Get Report Bad Products

• Generate a report of how many defective and expired items each product has.

8. Change Product Buying Cost

• Change the buying cost of a product from the suppliers. You will be prompted for the product name and new buying cost.

9. Change Product Selling Cost

• Change the selling cost of a product. You will be prompted for the product name and new selling cost.

10. Change Product Categories

• Change the categories of a product. You will be prompted for the product name and new categories.

11. Get Product Cost

• Get the cost of a product (after discount). You will be prompted for the product name.

12. Notify Item Bought

• Notify the system that an item has been bought. You will be prompted for the item ID.

13. Get Product Supplier Cost

• Get the supplier cost of a product (after discount). You will be prompted for the product name.

14. Remove Discount

• Remove a discount. You will be prompted to specify if the discount is for customers or from suppliers, and then to choose the discount to remove.

15. Show Discounts

• Show all discounts. You will be prompted to specify if you want to see discounts for customers or from suppliers.

16. Remove Product

• Remove a product. You will be prompted for the product name.

17. Notify Damaged Item

• Notify the system of a damaged item. You will be prompted for the item ID.

18. Move Item From Warehouse

• Move an item from the warehouse to the store. You will be prompted for the item ID.

19. Move Item To Warehouse

• Move an item from store to warehouse. You will be prompted for the item ID.

20. Get Product Location

• Get the location of a product. You will be prompted for the product name and whether you want the warehouse location or the store's location.

21. Add an Occasional Order

• Add a new occasional order. You will be prompted for the order details.

22. Show Orders

• Show all orders in the system.

23. Remove Order

• Remove an order. You will be prompted for the order ID.

24. Update Order

• Update an existing order. You will be prompted for the order ID and new amount.

24. DeleteAllData

• delete all the existing data in the DataBase.

25. Exit

• Exit the system.

Additional Help

For further assistance, please contact:

058-4185185, 054-3929202.