Team member 1 ID: 321305104

Team member 2 ID: 212175558

Team member 3 ID: 313548224

Team member 4 ID: 313884116

System Manual:

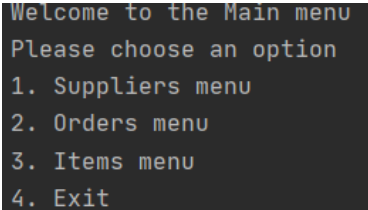The following document gives a short introduction for the system.

Part I: CLI introduction:

The CLI of the system consists of 3 sub-menus and a main menu.

1. **The main menu: (Figure 1)**

There are 4 options for you to choose, the first 3 options navigate you to the three different sub-menus in the system (description below).

The 4th option exists the program.

```
Welcome to the Main menu
Please choose an option
1. Suppliers menu
2. Orders menu
3. Items menu
4. Exit
```

Figure 1: (Main menu)

2. **Supplier's menu: (Figure 2):**

This menu has 13 options for the user to choose, each option is shortly described. To choose the desired option, simply type in the respective number.

Once an option was chosen, messages will start prompting, follow the instructions and type in your input.

The 14th option navigates back to the main menu.

NOTES:

a. You cannot delete an item from a supplier's contract as long as there is an order waiting for delivery from the given supplier.

b. You can only add items that are items that the store sells to a certain supplier (there's no sense in adding items to a supplier's catalogue if the items will never be ordered – we're not interested in those).

```
Welcome to the Suppliers menu
Please choose an option
1. Add supplier
2. Delete supplier
3. View supplier's details
4. Get all suppliers in the system
5. Update a supplier's shipping policy
6. Update supplier's supplying days
7. Add a quantity agreement to a supplier
8. Delete a quantity agreement from a supplier
9. Add an item to a supplier's contract
10. Delete an item from a supplier's contract
11. Add a discount to a specific product supplied by a supplier
12. Delete a discount from a specific product by a supplier
13. View supplier's catalogue
14. Go back to the main menu
```

Figure 2 (Supplier's menu)

3. Order's menu (Figure 3):

This sub-menu contains 8 options, as described above, simply type in the desired number and follow the instructions printed on the screen.

NOTES:

a. First, you need to create an order, afterwards you can add items to it (you can browse a supplier's catalogue in the item's menu).

b. You cannot re-order a non-fixed order.

```
Welcome to the Orders menu
Please choose an option
1. Create an order
2. Re-order an existing order
3. Add an item to an order
4. View order details
5. Receive order from supplier
6. View all order ids by a given supplier
7. Cancel an order
8. Delete an item from an order
9. Go back to the main menu
```

Figure 3 (Order's menu)

c. Once an order is delivered (5th option), you cannot edit its details (add products, etc).

d. Once a sale is made, and the item is considered low-quantity, the system automatically issues a new order.
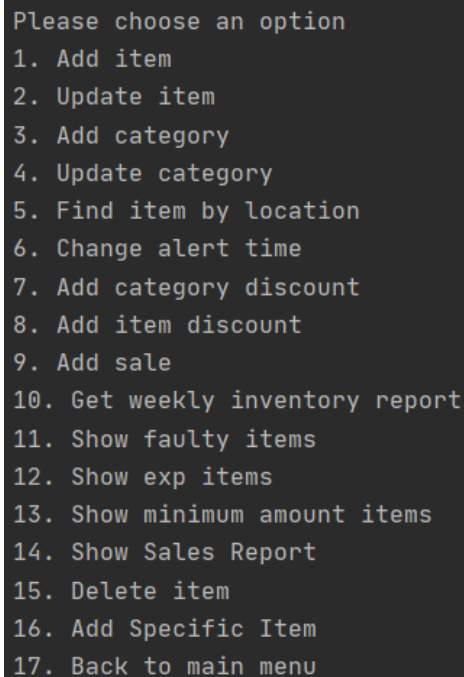
4. Item's menu (Figure 4):

This sub-menu contains 16 functions. All are elaborated in the figure on the right. Simply choose the number of the function and follow the instructions.

The 17th option navigates back to the main menu.

NOTES:

a. Once this menu is launched from the main menu it executes a function that deletes all faulty/expired items from the system (and creates an order in case of a low-quantity item).

b. You must add an item to a certain category, an item must belong to a certain category.

```
Please choose an option
1. Add item
2. Update item
3. Add category
4. Update category
5. Find item by location
6. Change alert time
7. Add category discount
8. Add item discount
9. Add sale
10. Get weekly inventory report
11. Show faulty items
12. Show exp items
13. Show minimum amount items
14. Show Sales Report
15. Delete item
16. Add Specific Item
17. Back to main menu
```

Figure 4 (Item's menu)

Part II: Data the database already containts:

For testing purposes and for system overview, there's a database.db file in the release doc, this database already includes some data for you to work with.

This database is connected with the system, so you only have to run the jar file from a folder both the database file and the jar file are in.

NOTE: No password and neither user details are needed to run the system.

The following data is in the database (elaborating only important fields that manner to the implementation):

Suppliers			
Name	ID	Discounts by price	Other data fields which are not so relevant
The butcher	1	{10,000:15, 5,000:5}	
Tnoova	2	{1,000:3,5,000:5}	
Zoglobeck	3	{5,000:20}	
Categories			
Name	ID	Father category	
General	1	none	
Diary	2	General	
Meat	3	General	

Items

ID	Name	Min amount	Category belonging to	Alert time	Selling price
1	Steak	100	3	2	100
2	Milk	500	2	2	9.5

Contracts (items supplied by suppliers)

Supplier	Price per unit	Catalogue id by supplier	Item from store	Discounts per quantity
The butcher	90.5	1	Steak	none
Zoglobeck	105.5	1	Steak	none
Tnoova	5.5	1	Milk	{1,000:5}

NOTES:

a. There are no orders in the system, you can create some by yourself and see the discounts and how it operates!

b. No sales are recorded as well. You can create some sales via the items menu.