

REQUIREMENT SPECIFICATIONS

https://github.com/StephCol/StephanieCollins\_javaProject2019.git

The program I have designed is a Store Stock Control System for a Jewellers. The system has been designed so it can be easily amended to suit any type of store that deals with stock.

On starting the application, the user has access to a dashboard/menu with buttons to access the other GUI’s within the program.

The program has three main sections – Departments, Suppliers and Stock Control.

DEPARTMENTS

The Departments Section has three functions. Within this section the store can add new departments and remove existing departments. Once a department has been added the new department is loaded to a Combo Box and saved to an array of Departments which can be accessed throughout the program. The user can also view the products in a selected department by choosing the desired one from the Combo Box. On exiting the Department GUI, the user is returned to the dashboard.

SUPPLIERS

The Suppliers Section is solely for adding and removing suppliers. Within this section the store can also view the suppliers. Once a supplier has been added the new supplier is loaded to a Combo Box and saved to an array of Suppliers which can also be accessed throughout the program. On exiting the Suppliers GUI, the user is once again returned to the dashboard.

STOCK CONTROL

The Stock Control Section allows the user to check what items are in stock or out of stock. From this panel they can also order stock. When an item has been added to the order, the system pulls the relevant supplier’s email and the cost price of the product. The system also adds the total cost of the order that is being submitted. Once an order has been placed the no of items in stock for the relevant item increases.

Also, from within the Stock Control Section is a GUI that allows the store to add products to the system. The system ensures that product reference numbers are unique.