
INSTRUCTIONS

- Upload this work upon conclusion of the assessment on blackboard.
- This work should be done in groups of 3-5 members
- Plagiarism is a serious offence and punishable by law, any work that has been plagiarised will be marked zero. Students guilty of such offence may be sent for disciplinary hearing.
- Marks will be allocated/given upon presentation.
- No work will be accepted after the due date.

Point of Sale Software(POS)

POS is software for restaurant order entry and purchase orders with touch screen capability. It is easy-to-use and designed to address the needs of small businesses. No matter what type of restaurant is, bar or food-related business, POS will help you easily and effectively. Use POS in all types of food service, such as restaurants including Casual and Fine Dining, Quick Service, Take-out, Coffee Shops, Table Service, Delis, Sandwich Shops, Bars, Counter Service and more. The basic POS system you may see on a typical retail establishment consists of a cash register, monitor, receipt printers, and an input device. It can also be a touch screen monitors, programmable keyboards, or scanners and handheld devices for inputting data into the POS system.

As you have been Tasked to do research on POS systems. Now, Write your own POS system. Ensure that the below functionalities are covered. However, keep it as generic as possible.

System Functionality

1. Allow users to capture, update stock(inventory) into the system. This will include, capturing prices of every individual item, decreasing, increasing prices.
2. Stock control (stock received, sold out, stock available).
3. Sales (record every sale: calculate sales per day, monthly sales and annual sales)
4. Allow customers to return fault products, keep records as this will affect sales and inventory
5. Calculate and record discounts allowed should discount is allowed to the customers. This is important as it will be used on the preparation of income statement.

Login and Validation		
Design		
UI Design		
Database Design		
Application of Classes inheritance and interfaces		
Application of data structures		
Capture, update stock		
`Stock Control(stock at hand, sold out, received)		
Daily, Monthly and annual sales		
Return Products		
Total Discount allowed		
Extra Features		