

Criterion E- Evaluation of the Product

Meeting the criteria for success

- 1) Store information of each product including its name, price, cost, and amount and information of each salesperson including its name and sale.
--**Met**, I create a Goods object to store all information of a product as a record and also a SalesPerson object
- 2) Store records of all products and salespeople in the system.
--**Met**, I use a hash table to store all Goods records and an array to store all SalesPerson records
- 3) Have entrance for Auntie Mining to add/delete products or salesperson.
--**Met**, by clicking the “input” button then “Goods” or ”Salesperson” button and choosing the “Add”/”Delete” button, lastly the “Save” button
- 4) Adjust the amount of products and sales of salespeople, according to the detail of each transaction.
--**Met**, it can be done by clicking “transaction” button and inputting correct information about the Goods name, the purchased quantity, and the salesperson that made the sell
- 5) Record down the update of system data as a transaction occurred in order to prevent volatility.
--**Met**, system data is stored into data files, and the files are updated every time a transaction is made. Therefore, data will not get lost when the Recording System is restarted.
- 6) Generate reports, one in the ranking of the most profitable Goods, another in the ranking of the most sales of SalesPerson.
--**Met**, I use selection sort to sort out the ranking and post the reports at “reports”—“Goods”/ “Salesperson”
- 7) Have a user-friendly interface (which only requires simple operation).
--**Met**, the graphical user interface makes this possible

Recommendations for Future Improvements

The Recording System has been successful and Mining says it fulfill all her requirements and thinks it improves the efficiency of running her store.

However, she would like the following features developed:

User Guide

The User Guide has not been developed yet because of limited time. Although Mining is very confident that she knows how to process all functions of this Recording System, she wishes that a detailed user guide can help the salespeople in her store to run the system when she is away on holidays or on business.

Further reports

Mining would like another report which allows her to see every detail of all products in her store, including their costs, prices, and quantity remained. This report will help her to consider the cost and adjust the price of products, and to replenish certain products in time.

Forms to record debit customers

As Mining is a kind lady, she allows patrons to consume in her store and pay the money back later. She wants an additional form in the Recording System to record down all debit customers with their names, phone numbers, home addresses, and money owed. This form will help her to memorize and remind patrons who need to pay the money back at their next-time shopping.

(Word count: 472 words)