



UTIM ARAU, PERLIS

FACULTY OF COMPUTER AND MATHEMATICAL SCIENCE

**PROPOSAL OF WARCOFF CAFE STAFF AND CUSTOMER
MANAGEMENT**

GROUP PROJECT CSC248

Group members:

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Café Industry:

Michael is the son of the owner of WARCOFF cafe, which he inherits from his father after his father passed. He wants to improve the café system since the WARCOFF's owner have a difficult in managing staff data and customer data. Below is information given by Mr. Michael related to his issues in café system managing.

He has a list of staff details that been recorded throughout their working hour. He also has lots of customer that order their product almost every day that being recorded as customer details. So technically he has two data management for his café which are staff data and customer data (S – Staff management and C – Customer management). Staff management can be access after inserted staff ID where they can control staff details, stock details and order details that will be updated from customer management. Customer management only recorded membership account and order details as usual. Afterwards, customer will make full payment or payment with a discount.

After the discussion, we analyse his requirements, and these are the processes we propose to Mr. Michael to be applied in the application:

The application will be able to:

1. Store the staff information, order information and customer's membership account in the application.
2. Remove certain records of the staff details, stock details or delete customer's membership account.
3. Search and display staff information, stock information, order details and customer's membership account for confirmation.
4. Update certain staff information and stock information related to order details from customer's order.
5. Calculate total stock left, some staff information and total sales that being recorded in the application.
6. Sort staff information and customer membership accounts in ascending alphabetical order.

Object Propose: Staff and customer

Attributes: staffID, staffName, contactNo, staffStatus, position, address, orderID, itemName, price, totalPrice, itemID, sales, totalSales, itemAvailable, payment, balance, membershipDiscount, membershipAccount and priceAfterDiscount.

Method: accessor method, mutator method, process method and display method.