Requirements of the Petrol Bunk system

* The software allows the manager to estimate the daily sales and daily profit made on the number of litres of fuel that were sold.
* The software requires the manager to enter the details of the total capacity of the bunk and of each individual pump.
* The software to keep track of the number of litres of fuel sold from each pump. Thereby, giving the manager a clear-cut idea of the number of litres of fuel that is left in each pump and at what time the pump is to be recharged.
* The software gives the manager a stock statement and stock ledger of each individual pump at the end of the day.
* The software maintains a record of all the sales made during a particular shift, hence maintaining shift-wise records in a day.
* The software supplies the customer with a data screen, wherein he is required to fill in details of the capacity of the vehicle, the number of litres that is to be filled in, the year of purchase, the kind of fuel the car runs on.
* The software also gives the customer an option of becoming a member of the bunk.
* The software in turn gives the customer a written statement of the total amount of his purchase; it gives the customer a certain amount of concession if he is an existing member and also gives the customer the option of paying by cash or credit card.

However the software does not enable the manager to calculate the monthly profit and the year-end sales.

*Flow chart of the customer*

End

Print bill details with concession

Avail no concession

Ignore

Display registration form

Want to become member

No

If member

No

Yes

If fuel available

Enter the amount and type of fuel to be filled.

Start

low chart of the accounts maintained by the manager

End

No

Alert the manager that the bunk is at a loss

Yes

Generate a report of the profit and sales made in the day

Enter the amount of fuel available in the bunk and of each individual pump after recharge at the beginning of the day.

If sales made

Start