

CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

The main aim of the project is management of the database of the Medical Clinic. This is done by creating a database of the available medicines in the shop. The database is then connected to the main program by using interconnection of the visual basic program. It is a computer based system which helps the Medical Clinic to improve inventory management, cost, medical safety etc.

The system allows the user to enter a manufacturing and expiry date for a particular product or drug during opening stock and sales transaction. The system will also give report showing the list of products expiry after a specified date before the product eventually expires. It also involves manual entry upon arrival of new batches of drugs and upon drug movement out of the pharmacy for a certain period, e.g. every month, the Clinic may want to generate report for the movement of drugs in and out of the medical clinic, getting information about the drugs e.g. expiry date, date purchased, number of drug type left, location of a drug in the pharmacy. At present, manual system is being utilized in the clinic. It requires the pharmacist to manually monitor each drug that is available in the medical clinic. This usually leads to mistakes as the workload of the pharmacist increases.

1.2 PROBLEM STATEMENT

Medical Clinic management has kept paper record in filing cabinets. Managing a very large pharmacy with records on papers will be tedious and difficult to keep track of inventories with regards to the drugs in the store, expiry date, quantity of drugs available based on the categories and their functions. The clinic has to order drugs to replenish the already diminishing stock. In addition, ordering of drugs is being carried out manually. Significant amount of time is allocated for writing the order as the clinic needs to go through the stock balance and make rough estimate of the amount to order based on Figures. Drugs are not supposed to be used after they have expired. This project work will prompt the clinic about drugs that are close to expiry, preventing those drugs from being sold and also providing solution to the earlier stated problems.