**CHAPTER 1**

**INTRODUCTION**

**1.1 Overview**

The project name "Pharmacy Management System",is a medical application system is a clint/server based application.An interactive application for stock and billing which helps in maintaining the records of medicine,the users and store details and also reduce the work of searching the medicine.The main aim of this application is to apply technology is supporting the pharmacist and the store to reduce the human effort on searching and automation of billing.

The project was developed on the basis of "stock managing" and its "billing process" being presently used in medical stores for storing and retrieving the available information in the store. The user has to get his username and password from the admin by providing their name,address,phn no,id proof.And can get the access to the application.

Without username and password he cannot get access to the application.  
In this application we have four types of users who have their specified works to perform and while logging into the application he should be knowing his designation to log in.and in this we can manage all the stocks of the stores.In this admin and manager who have almost all the permissions to work with.

**1.2 Objective**

The main objective of the application is to automate the existing system of manually maintained records of the counter sales, purchases, reorder levels, Supplier and Customer monetary positions and other related transactions made by the seller.This application can be used by any other store to automate the process of manually maintaining the records related to the subject of maintaining the stock and liquid flows.

**1.3 User Characteristics of Pharmacy Management System**

There are two parts of this proposed system. They are Front End and Back End. Back End for admin where admin can update the website, delete and edit documents. Front end for users to manage the system.

1.3.1 The administrator can do the following thing

* Administrator is the one who controls the complete system.
* He can manage all the functionalities of the system.
* Administrator validates user information and creates them.
* He looks over the stock in the database.
* Provide maximum security
* Logging into the system
* Talking backup of the database
* To active and suspended seller registration

1.3.2 The seller can do the following thing

* Seller is also a user of the application who can add or remove the stock to the database.
* He manage the stocks in the database.
* Logging into the system.
* Change the product price.
* Seller can request to super admin for become a seller by signing up.

1.3.2 The user can do the following thing.

* Search by product name.
* See the availability of the product.
* See the pharmacy location and pharmacy name.
* Get message if product is not available.
* See the product price.

**1.4 Problem Definition**

The transactions related to purchase, sale and returns are maintained manually at present.These are to be automated and an application is required to relate all of them relatively and logically so that the current system can be replaced and accepted without major changes and problems.

The application should provide quick access to the records maintained and must reveal the important reviews about the business so that the growth can be easily compared and should provide with the various reports showing the related details so that the important decisions could be taken easily.