**INTRODUCTION**

The purpose of this Sehat Era Healthcare website project is to improve the maintenance and manipulation of the drugs in the medicals. The Sehat Era Healthcare website will be used to minimize the time and resource by maintaining the details of the drug systemically so that the data can be used in possible quickest time. While the resource which is minimized are workforce, money, papers, etc. The system is user-friendly and will help the pharmacist. This Sehat Era Healthcare website will reduce the burden on pharmacist and will make the system efficient by providing the more accurate details about drugs in the medical.

Currently, the medical works are based on the manual process, and each work is maintained in the paper. The details of purchasing drugs, audits, sell reports maintained on the paper while anyone can enter into the system and can make changes in these reports, so it is not a safe method to keep the information on the paper. The pharmacist faces problem in searching the products from the self as it is not an easy method to remember about the place of each medicine. There no healthcare website which can alert the pharmacist about the end of the drugs

The design of the Sehat Era Healthcare website is based on the computer which will simplify the maintenance of the information, accessible and efficient. The Sehat Era Healthcare website will provide the information about the end of the drugs in the medical so that the physician can order them drugs before the end. The pharmacist and nurses will get more accurate results at the time sell, about the details of the use of medicines and the dosages so that the system will become more reliable to use than the present system. The records of each work will be secure as to access the information the user must have to provide the ID and password In the system.

* 1. OBJECTIVE

One of the most important responsibilities of pharmacy management is to supervise and manage the pharmacy employees to ensure healthy working relationships and outcomes. Each of these functions is critical to the pharmacy’s operation and should be improved.

* Improved patient safety / better patient health outcomes
* Standandrisation of data, information exchange and business processes
* Improved and timely monitoring, tracking and reporting and
* Improved healthcare administration and cost effectiveness.
  1. NEED OF THE PROJECT

1. FEASIBILITY

A feasibility analysis involves a detailed assessment of the need, value and practicality of a proposed enterprise, such as systems development. The process of designing and implementing record keeping systems has significant accountability and resource implications for an organization. Feasibility analysis will help you make informed and transparent decisions at crucial points during the developmental process to determine whether it is operationally, economically and technically realistic to proceed with a particular course of action.

Most feasibility studies are distinguished for both users and analysts. First, the study often presupposes that when the feasibility document is being prepared, the analyst is in a position to evaluate solutions. Second, most studies tend to overlook the confusion inherent in system development - the constraints and the assumed attitudes.

* 1. PURPOSE

The pharmacy management system is built for the sake of ensuring effective and clear data saving and manipulating as well as neat work on the pharmacy medical products. This refers the pharmacy management system project highly minimize time and resource by which, searching the medicine data you can get the data in quickest time. And almost the resources are wise used since most actions are done on the pharmacy system. Some of the resources minimized include paper, manpower and related things. The other thing is for storing data's in secure way.

A summarized list of drugs dispensed to patient can be viewed for monitoring purposes. Also PMS will be able to generate report on the list of drugs dispensed in the polyclinic for a given time period. And there is a message alert for the user if the stock holding quantity reaches a low level. Thus, the pharmacist will need to replenish the drugs.

The aim of this project is to develop a software for the effective management of a pharmaceutical store that will be able to achieve the following objectives:

* Ensuring effective policing by providing statistics of the drugs in stock.
* Maintaining correct database by providing an option to update the drugs in stock.
* Improving the efficiency of the system by ensuring effective monitoring of services and activities.
* To provide optimal drug inventory management by monitoring the drug movement in the pharmacy.
* To ensure that there exists a level of restricted access based on functionality and role.
* To ensure that the system is user friendly.
* To be able to generate report within a specified period of time.
* Studying the present system in detail and the organizational style.
* Knowing and understanding the input and output processes of the existing system.
* A qualitative form of interview was conducted in the organization to understand the mode of operation of the old system.
* Primary data: This source has to do with the text book contacted for the development of this project.
  1. SCOPE

The scope of this project is limited to the activities of a pharmaceutical store which includes will improving health outcomes, reduce hospital and long term care admissions, enhance access and care in the Estate and surrounding communities and ensuring best use of resources, the use of a computer based management system for improving the efficiency of a pharmacy is needed and it is an essential part of any modern continuously evolving society.

3. **SOFTWARE SPECIFIC REQUIREMENTS**

**3.1 OVERALL DESCRIPTION**

**3.1.1 PRODUCT PERSPECTIVE**

**3.1.2 PRODUCT FUNCTIONS**

**3.1.3 USER CHARACTERSTICS**

**3.1.4 ASSUMPTIONS AND DEPENDENCIES**

**3.2 SPECIFIC REQUIREMENTS**

**3.2.1 EXTERNAL INTERFACE REQUIREMENTS**

**3.2.2 SOFTWARE REQUIREMENTS**

The software requirements document is the specification of the system. It should include both a definition and a specification of requirements. It is a set of what the system should do rather than how it should do it. The software requirements. provide a basis for creating the software requirements specification. It is useful in estimating cost, planning team activities, performing tasks and tracking the teams and tracking the team's progress throughout the development activity.

**3.2.3** **HARDWARE REQUIREMENTS**

**3.2.4 FUNCTIONAL REQUIREMENTS**

There are functions done by the system such as: store the necessary information of drugs. prepare bill for the medicine, give week reports, easily searching of medicine, working in two languages, Update, delete and save data's of medicine.

* **Generate report:** the e-pharmacy website generates report weakly on information about the drugs and it exports the information as output document.
* **Store the necessary information of the drugs:** The Healthcare website stores the detail information about each medicine including Actual name formula of medicine and how it is importance and for which diseases is required.
* **Searching Medicine and other Data's:** The Healthcare website has easily searching of

medicine which shows in which shelf is put and the behavior of the medicine.

* **Alerting pharmacy Data's in the system**: Changing medicines to another because of medicine outdated, modifying the saved medicine data for incorrect data, deleting of data's of the pharmacy can be done on the system.
* **Support multi languages:** The system supposed work on primarily in English and Hindi. So the user can use one of these languages.

**3.2.3 NON-FUNCTIONAL REQUIREMENTS**

This pharmacy management system is able to operate in the following characteristics.

* **Usability:** Anyfamiliar in using windows operation can operate the system since it have user friendly user interface.
* **Reliability:** The Healthcare website is available based on the user needs, can work properly, and do transactions efficiently including safe data management of the website . As result data is protected and controlled by only the administrator.
* **Performance:** The pharmacy management system operates its function in small amount of time which is less than two seconds and can be accessed by one user at a time or concurrently.
* **User interface:** The user interface is friendly which is easy to use. And having attractive frame structure which is prepared in assumption with other related systems. Also the user can change him/her user favorite interfaces that Is available in the system.
* **Operation:** the pharmacy management system is operated and controlled by the pharmacy manager for safe work.
* **Supportability:** This pharmacy management system operates in any version of windows operating system. Such as windows xp, windows 2003, windows 7, windows 8 and other related versions.