

# **Software Requirement Specification(SRS) for Medical Store Management System**

## **1. Introduction :**

### **1.1 Purpose:**

In day today life medical field is having great importance. Every day we found crowd at the medical store. The seller alone has to do duty of providing not only the appropriate medicine but also in time. In traditional systems medical shop records were handled by pen and paper. So it become very difficult to handle the stock because of this many times customer not get the medicines on time because of unavailability of those medicines.

The main purpose of this project is to maintain details of medical store such as medicine stock medicines, staffs. This software is designed to ease work load of medical shop professionals. The main feature include inventory , stock control and client management.

### **1.2 Scope :**

Instead of manually checking the stock, system will notify about the stock. Also help to track all products of your medical shop.

### **1.3 Definations :**

MSM - Medical Store Management

GUI - Graphical user Interface

Stackholder - The person who will participate in system

*EX. Administrator, Shopkeeper, Staff,etc*

### **1.4 Overview :**

This system provide easy way for managing stocks for store owners without manually checking stock.

This system is used by Store Owner and its staff and not require to have any technical expirtis in computer.

Just need to have good knowledge of how to operate computer.

## **2.Overall Description :**

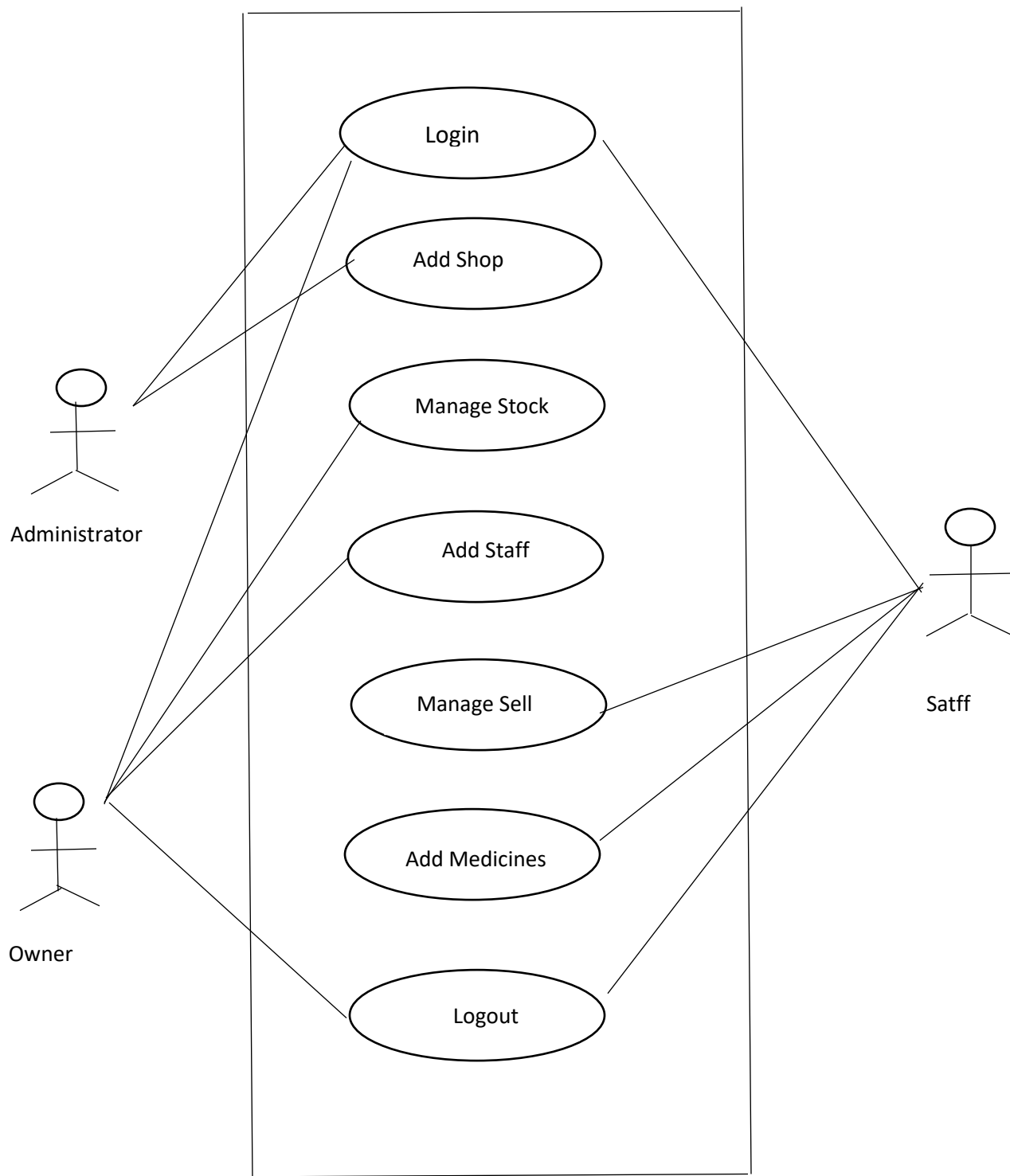
### **2.1 Product Perspective :**

This product is aimed towards managing the stock ,medicines ,staff.

The shop doesn't want to lose their customers because unable to manage stock of medicines on time.

### **2.2 Product Functions :**

OSS should support this use case:



## 2.3 User Characteristics:

User should be familiar with the terms like Login, register, logout, etc.

## **2.4 Principle Actors :**

Principle actors are Administrator, owner, Staff.

## **3. Specific Requirements:**

### **3.1 Functional Requirements:**

This section provides requirement overview of the system. Various functional modules that can be implemented by the system will be –

#### **3.1 Description:**

##### **3.1.1 Registration**

1. Owner Registration : The owner registration done by admin.
2. Staff Registration: The owner adds new Staff.

##### **3.1.2 Login**

Admin, Owner, Staff logs in to the system by entering valid email and password.

##### **3.1.3 Alert Message**

When minimum stocks get alert message.

##### **3.1.5 Logout**

After performing activities admin, owner, staff can logout.

### **3.2 Non-Functional Requirements:**

Following Non-Functional Requirements will be there in the insurance to the internet:

(i) Secure access to user's confidential data.

(ii) 24X7 availability.

(iii) Better component design to get better performance at peak time.

(iv) Flexible service based architecture will be highly desirable for future extension. Non-Functional Requirements define system properties and constraints.

Various other Non-Functional Requirements are:

- Security
- Reliability
- Maintainability
- Portability
- Extensibility
- Reusability
- Compatibility
- Resource Utilization

### **3.3 Performance Requirements:**

In order to maintain an acceptable speed at maximum number of users can access to the system at any time. Also the connections to the servers will be based on the attributes of the user like his location and server will be working 24X7 times.

### **3.4 Technical Issue :**

This system will work on client-server architecture. It will require an internet server and which will be able to run angular application. The system should support some commonly used browser such as IE, mozilla firefox, chrome etc.

## **4 . Interface :**

### **Requirements :**

Various interfaces for the product could be-

- 1). Login Page
- 2). Registration Form
- 3). There will be a screen displaying information about medicines, staff, shops.
- 4). If the user select the add,update,delete button then the functionality related should wok.

### **Software Interface:**

- 1.Operating System:Windows7 Ultimate which supports networking.
- 2.JAVA development toolkit.

### **Hardware Interface:**

Hardware requirements for insurance on internet will be same for both parties which are as follows:

Processor:Dual Core

RAM:2 GB

Hard Disk:320 GB

NIC:For each party