Software Requirements Specification

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Web Publishing System

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1. **Introduction**

It is an application to develop software for medicine shop.

* 1. **Project Description**

Medicine Inventory cum store inventory system to display relevant information about details of products and retail options for the vendor.

**1.2 List of Actors**

**System Administrator, Retailer, Inventory Manager, Customer**

**1.3 Scope of Projects**

To deliver a quick and efficient method to improve retail mechanism along with a hassle free management cum inventory system.

To improve the accessibility of the product and the quantitive management and stock handling thus improving the efficiency in time consumption for the retailer and the customer.

**1.4 References**

IEEE. IEEE Std 830-1998 IEEE Recommended Practice for Software Requirements Specifications*.* IEEE Computer Society, 1998.

**2. Overall Description**

**2.1Functional Requirements**

**2.1.1Use Case**

#### Search Medicine

System Administrator

Search Medicine

**Brief Description**

The administrator accesses the searches for a medicine and prepares the bill and/or maintains stock inventory.

**Initial Step-By-Step Description**

Before this use case can be initiated, the administrator has already accessed the Medicine Administrative page.

1. The administrator chooses to search by medicine name, category, or keyword.
2. The system displays the choices to the administrator.
3. The administrator selects the item desired.
4. The system presents the details like expiry date, cost, manufacturer, supplier and contents.
5. The administrator chooses the item and makes modifications as per the requirement.
6. The system makes the requested changes which can be used by the retailer as and when required.

**2.1.2 Entity Relationship Diagrams**

Review

Customer

Medicine

Expiry Date

describe

sent to

reviews

has

**Admin Login Credentials**

|  |  |  |
| --- | --- | --- |
| **Data Item** | **Type** | **Description** |
| Admin Name | Text | Name of Administrator |
| Login Id | Text | Login details |
| Password | Pointer | Password |

**Retailer Data Entity**

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Item** | **Type** | **Description** | **Comment** |
| Name | Text | Name of Retailer |  |
| Retailer Id | Integer | ID number | Used as key in Database |
| Email Address | Text | Internet address |  |
| Address of correspondence | Pointer | Home Address |  |
| Highest Qualification | Integer | Educational Qualifications |  |
| Phone number | Integer | Mobile number |  |
| Specialty | Category | Area of expertise | May be several |

**2.1.3 Data Flow Diagram**

**2.2 Non Functional Requirements**

**2.2.1 System Requirements**

**2.2.2 Performance Requirements**

**2.2.3 Security Requirments**

**2.2.4 DatabaseRequirements**

**2.2.5 SafetyRequirements**