The Islamia University of Bahawalpur

Department of Computer Science

SOFTWARE REQUIREMENTS SPECIFICATION

(SRS DOCUMENT)

For

Online Medicine Search System

Version 1.0

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Revision History

Name	Date	Reason for changes	Version
Muhammad Wasif Rehan			1.0

Application Evaluation History

Comments (by committee) *Include the ones given at scope time both in doc and presentation	Action Taken

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Ma'am Urooj Fatima

Signature_____

Online Medicine Search System

1 Introduction
1.1 Purpose

The objective of this software requirements specifications is to provide details and description about the project or software system called "Online Medicine Search". This reports its features, functional, and non-functional requirements. This document answers to the questions; What will be the interface, how system will work, and what could be constraints to users? The stakeholders of this platform or website are Medical Store owner and common peoples.

1.2 Scope

This project is an online medicine search web application. This application allows a visitor to search for a medicine and addresses of medical stores (wholesale and retail sales) where the medicine is available**.** Medical Stores can put their medicines and personal info for visitors.

1.3 Definitions, Acronyms, and Abbreviations

ASP.NET:Active server Pages, a framework for building web apps and services with .NET and C#.

   IEEE: Institute of Electrical and Electronics Engineers.

1.4 Overview

In section 2, functionalities of the system is defined as in natural language easy understandable to the user. In section 3, each functionality is elaborated so that it could be helpful for the developers as well. Functionalities are written in sequence with perspective of three users. i.e. Admin, Medical Store member, visitor.

2 Product Perspective

This "ONLINE MEDICINE SEARCH" is an online medicine search web application. This application allows a visitor to search for a medicine and

addresses of medical stores (wholesale and retail sales) where the medicine is available.

Main need of the client is to prepare an online application to help the needy people in finding the availability of the medicine and a list of medical stores where the medicine is available. The visitor can quickly find the nearest medical store by selecting the area in the search tools

3   Specific Requirements

3.1   System Interfaces

- Public Pages Module
- Medical Store Module
- Medicine Search Module
- Admin Module (Operator)

3.2   Interfaces

Our application's all interfaces will be user friendly and user can perform these above functionalities easily.

3.3   Hardware Interfaces

- Machine: 32bit OR 64bits.
- CPU: at least ability to run latest operating system with internet Connection.
- RAM: 512MB OR 1GB .
- Disk: 1GB

3.4   Software Interfaces

- Operating System: Windows Server
- RDBMS: Sql Server
- Web Browser: Internet Explorer
- Web Server: IIS
- Technology: ASP.NET
- Languages used: C#.NET

3.5   Communications Interfaces

The means of communications will be through web services.

4 Functional Requirements

Sr No.	Functional Requirements	Description
1	Registration	Medical Store Admin once must be register firstly. After registration he/she can creates medical store and add products.
2	Login	Admin and member can access their panels by login to the system.
3	Manage Members	Main Admin (Operator) will be able to block or unblock member medical store admin on the basis of his/her activities.
4	Manage Products	Medical store admin will be able to add, update and delete products.
5	Product Search	Visitor visit our application and he/she will be able to search products and medical stores.
6	Logout	After perform functionalities admin and member will logout.

5 Non-Functional Requirements

5.1 Reliability

The online medicine search web application shall provide reliable information of medicine because of the verified information of the admin at the time of registration.

5.2 Availability

If internet service gets disconnected while sending information to the server, the information can be sent again as internet get available with verification. And the system will be available for general public to use. Means if user update the application and internet service gets down then after the internet connectivity the application should be update

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5.3   Security

The main security concern is for users account hence proper login mechanism should be there to avoid any kind of unauthorized authentication. So there should be highly security checks on every operation so that user can feel free to give their data. Users data is secure. Safe from unauthorized accesses because of separate portals.
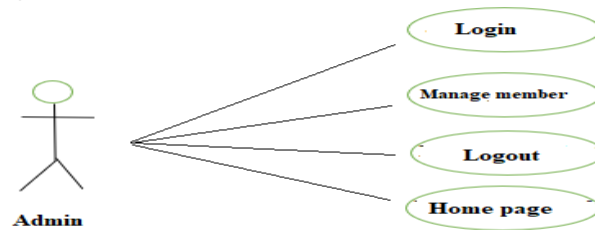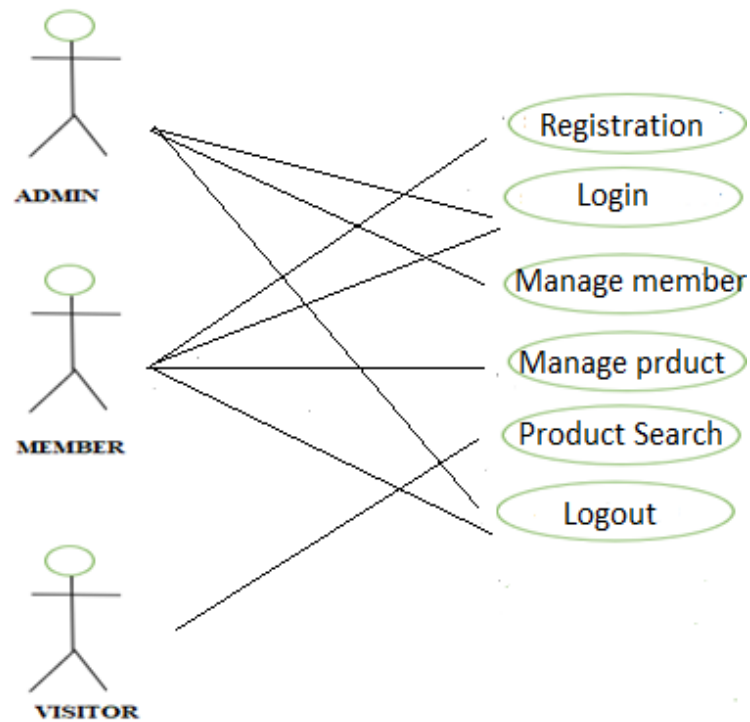
5.4   Maintainability

Maintainability means that the system can be maintainable once it constructed or developed. It means that there should be room for maintenance if any of conflict is occurred in the system after developing. And requirement should be change with the passage of time.
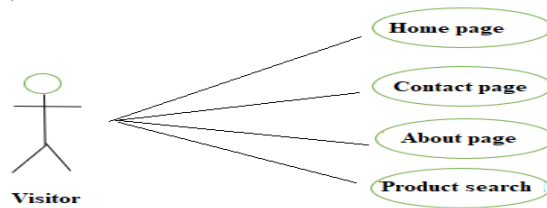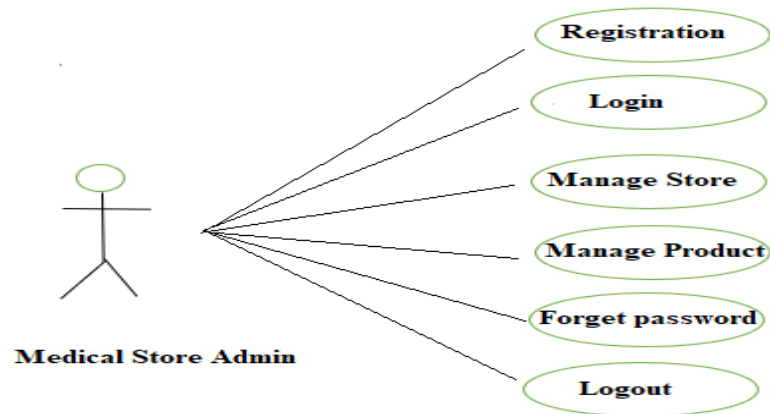
5.5   Performance

The developed system must be interactive and must have as less as delays. It responds to every kind of situation. It works and response efficiently. It should provide the fast response of each activity of the application.

6   Use Case Diagram of Online Medicine Search

7 Reference:

https://www.tutorialspoint.com/asp.net/index.htm

https://www.tutorialspoint.com/software_engineering/index.html