**Software Requirement Specification (SRS):**

**4.Overall description**

Software requirements are documentation that completely describes the behavior that is required for

the software, before the software is designed, built and tested.

SRS's are typically developed during the first stages of "requirements Development", which is the initial product development phase in which information is gathered about what requirements are needed. This information-gathering stage can include onsite visits, questionnaires, surveys, interviews and perhaps a return-on-investment (ROI) analysis or needs analysis.

**4.1 Product perspective:**

This software can be used to carry out Stock and bill automation of the medicine data. The main objective of this software is to automate an application. The invoice and stock is hidden under a security medium under the user id and password. The application is also protected with a password security to provide another layer of security.

**4.2 User characteristics:**

1. A user(seller) is provided with two levels in this software; they manage the stock in the application and manages the invoice.

1. A user(front-end) should possess a minimum knowledge of the browser and using the application.
2. Super admin can remove or add seller.
3. General users can browse products and can order from the website.

**4.3 Assumptions and dependencies:**

Most problem statements are ambiguous, incomplete or even inconsistent. Some requirements are just plain wrong. Some requirements, although precisely stated, have unpleasant consequences on the system behavior or impose unreasonable implementation costs. The analyst must work with the requestor to refine the requirements so they represent the requestor's true intent. This involves challenging the requirements and probing for missing information.

**SYSTEM SPECIFICATION**

**4.5 Hardware Specification**

Processor :Intel Core Duo 2.0 GHz or higher.

RAM :Minimum 512MB or Greater.

Hard disk :20 GB (Free Space).

Monitor :Plug and play monitor.

Mouse :Microsoft PS/2 mouse.

Keyboard :Standard 101/102 key.

**4.6 Software Specification:**

Software :XAMPP.

Operation System :Windows 7 or higher.

Browser :Google Chrome, Mozilla Firefox,

Front End : PHP (5.5)

Back End :MYSQL

Server :APACHE

**4.7 Data flow Diagram:**

A data flow diagram (DFD) is a graphical representation of the "flow" of data through information systems. DFD's can also be used for the visualization of data processing (structured design).

A DFD also known as "bubble chart has the purpose of clarifying system requirements and identifying major transformations. It shows the flow of data through a system. It is a graphical tool because it presents a picture. The DFD may be partitioned into levels that represent increasing information flow and functional detail. Four simple notations are used to complete a DFD.

**4.7.1.Data flow Diagram**

