**PROBLEM STATEMENT** :

The entire process of Stock maintenance is done in a manual manner. Considering the fact that the number of customers for purchase is increasing every year, a maintenance system is essential to meet the demand.

Having manual record of the stocks present and sold becomes a tedious task during inspection. Moreover recording every trade for every item sold manually is also difficult. The solution to this problem would be to create a database where the information about the stocks of the company is updated after each trade. Such the system of recording of the sales would be done by the salesperson after each trade hence

The stock maintenance system must take care of sales information of the company and must analyze the potential of the trade. It maintains the number of items that are added or removed. The sales person initiates this Use case. The sales person is allowed to update information and view the database.

**Software requirement specification :**

Purpose : Considering the fact that the number of customers is increasing every year the need for automation in the field of stock maintenance rises. We use several programming and data base techniques to simplify this process.

Scope :

* It creates an interface between the customer and the salesperson.
* To provide communication between the user and the supplier.
* Record the details of the transaction and trade.

DEFINITIONS :

Market Data provider :

One who analyze the product and distribute the news.

Customer:

One who takes order of product .

Sales person:

One who maintains the stock details.

REFERENCES :

IEEE830 Software Requirement Specification format.

TECHNOLOGIES TO BE USED

• HTML

• JSP

• Javascript

• Java

• XML

• AJAX

TOOLS TO BE USED :

• Eclipse IDE (Integrated Development Environment)

• Rational Rose tool (for developing UML Patterns)

OVERVIEW

SRS includes two sections overall description and specific requirements Overall Description will describe major role of the system components and interConnections Specific Requirements will describe roles & functions of the actors.

OVERALL DESCRIPTION

PRODUCT PERSPECTIVE

The Stock maintenance acts as an interface between the 'customer' and the 'sales person'. This system tries to make the interface as simple as possible and at the same time not risking the work of data stored in

FUNCTIONAL REQUIREMENTS :

> Maintaining the record of the stock available.

>Easy user interface for the users.

> Schedule the customer an appointment for manual. delivery of the product

USER CHARACTERISTICS

1. Customer

2. Sales Person

3. Admin(Manager)

CONSTRAINTS :

>the customer should wait until manger approves product

DEPENDENCIES :

>the admins and managers should have knowledge of goods available.

>must implements system of return policy in case of damaged product.