

Stock Maintenance System

Problem Statement:

The problem statement is to build a stock maintenance system that allows real-time updates, track payments and also generate reports in an efficient manner.

Software Requirements Specification:

1. Introduction

1.1 Purpose of this document:

The purpose of this document is to outline all the features that the stock maintenance system will be able to provide, its constraints and requirements.

1.2 Scope of this document:

The scope of this document is to provide a description of the functionalities of this system, ^{budget} and time needed for successful development of the project.

1.3 Overview:

Stock Maintenance System is a software that allows easy maintenance of stocks, generate reports and return updates in real-time.

2. General description:

The stock maintenance system is a software that allows users to view stocks and also track buying and selling of stocks along with generating reports.

3. Functional Requirements:

- The system can give updates on available stocks in real time.
- The system can generate reports on the number of stocks sold on any particular day.

4. Interface Requirements:

- The system can be easily accessible on any system or mobile.
- The system can send a copy of reports through emails.

5. Performance Requirements:

- The system should have a low error rate and maintain a high response time.
- The system should be able to handle data efficiently.

6. Design Constraints:

- The system should be able to run on any operating system.
- The system should be easy to maintain and support any updates made to the software.

7. Non-Functional Requirements:

- The system should be safe and secure to use.
- The system should be easy and user friendly to use.
- The system should be reliable and available at all times.

8. Preliminary Schedule and Budget:

- The development of the project will take 14 months and will also need a budget of 10,00,000/-.