

4. stock maintainig system?

* Problem statement:

A stock maintainig system aims to develop software that effectively be able to organize, store and access stocks of small & large industries digitally.

* SRS

1. Introduction

- To clearly document and define functional and non functional requests by ensuring effective stock maintainig system.
- To run and ensure that the software functions without any bugs and errors. Development time depends on how complex the management system is and the size of the system.
- SRS contains general description, functional requirements, non functional requirements, interface and performance requirements along with design constraints.

2. General description:

Main aim is to provide customer support and efficiently maintain the records. Features are: accounting, updating catalogue and managing the inventory. Benefits are increase the efficiency and improved user experience. User community would include customers, IT professionals, inventory staff etc..

Functional Requirements :

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- Keeping record of stocks in the inventory
- Secure storage of stocks.
- Ensuring easy and fast access of stocks.

Interface requirements :

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- More accessible by integrating it with different payment gateways to make sure payment is secure.
- Easy to use across multiple platforms such as laptops, mobilephones, tablets etc.
- Quick and responsive user interface.

5. Performance requirement :

- Stock information and payment information must be very secure.
- Users requests must be serviced without much of a delay and in a timely manner.
- Amount of memory required depends on the size of the databases.

6. Design constraints:

- System to be neatly integrated within the already existing infrastructure.
- Constraints on the amount of data that can be processed and stored.
- Cannot take multiple years to develop and implement.

7. Non functional attributes:

- Has to be functional on different platforms such as laptops, mobile phones, tablets etc.
- Needs to handle the increased demand and the traffic associated with it.
- Ensure that the data is safe and secure and is easily accessible and encrypted to prevent malicious attacks.

8. Preliminary schedule and budget:

- Planning: 45 days
- Development phase: 6 months
- Testing: 1 month
- Hardware: \$20,000 - \$50,000
- Training: \$45,000 - \$55,000
- Personnel: \$40,000