**SYSTEM SPECIFICATIONS**

**FOR**

**Inventory Management System (IMS)**

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# Introduction

## About the Project

IMS is an online system that satisfies the requirement of a generalized Inventory and Stock Maintenance system. It provides a user interface to perform daily transactions and generate analytical reports for the management.

The primary goal of this application is to reduce the manual effort involved in the maintenance of inventory. The manual process is tedious and it requires the staff to count the items sold and update the inventory with available stock. The products that are low in stock need to be restocked by filling out forms and sending requests to vendors.

## Document Conventions

**Product** - Goods maintained by the company will henceforth be called as product throughout the document

**Supplier** – Dealer/Vendor supplying the manufactured goods which are sold directly or repackaged and sold to clients

**Request for Proposal (RFP)** – Proposal sent out to supplier to provide an updated price for the product

**Purchase –** Product purchased from Supplier will be referred to as a purchase

**Customer –** Entity buying from the company

**Order –** Product sold to a customer

**Shipper** – Freighters who move the goods from supplier, ship an order to a customer

## 

## Project Scope

The proposed project is an implementation of a general inventory control system. The intent is to market the product and customize it specific to clients. The design would be flexible to allow customizations.

Manual systems involve the staff to keep track of the inventory. This involves an end of the day process of counting all the items sold and count of inventory left. This process involves too much of effort and can be better performed by using a software system.

The suppliers providing quotes are not kept updated about their quotes. This does not provide the company a list of vendors who provide competing products and if they would like to requote to be reconsidered.

# System Features

## Inventory Control

### Description

The first priority of the system would be the ability to provide an inventory snapshot of the stock in hand, along with orders that are currently in progress and purchases that are being coordinated.

### Functional Requirements

1. Snapshot of current stock in hand
2. Allow user to raise RFP
3. Notify the vendor of a new RFP
4. Notify the internal user of a response to RFP