**Inventory Management System**

# Introduction:-

The "Inventory Management System" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

# Abstract:-

The purpose of Online Inventory Management System is to automate the existing manual system by the help of computerized equipment’s and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with. Online Inventory Management System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources and keep a track of all the activities. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

# Scope:-

Online Inventory Management System will help in collecting complete inventory details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the inventory details of passed year, perfectly and vividly. It will be also reduce the cost of collecting the inventory details & collection procedure will go on smoothly. Our project aims at Business process automation, i.e. we have tried to computerize various processes of Online Inventory Management System.

* In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
* To assist the staff in capturing the effort spent on their respective working areas.
* To utilize resources in an efficient manner by increasing their productivity through automation.
* The system generates types of information that can be used for various purposes.
* It satisfy the user requirement
* Be easy to understand by the user and operator
* Be easy to operate
* Have a good user interface
* Be expandable
* Delivered on schedule within the budget.

**Functionalities**:-

Provides the searching facilities based on various factors. Such as Inwards and Outwards of Products & Brands.

It tracks all the information of Available Stock, Inward & Outward Stocks :

* Manage the inwards and the outwards based on date.
* Takes the outwards and updates about the available stock for the products.
* To increase the efficiency of managing the inventory.
* It deals with monitoring the information and transaction of products.
* Integration of all records of outward orders requests.
* Editing, adding, deleting of records is improved, which results in proper resource management of Inventory data.

**Modules :-**

* **Admin**
* **Admin Module:** 
  + Admin will login using email id and password.
  + Admin able to see all the products that are there in the Inventory.
  + Admin can able to see all the brands of specific products.
  + Admin authorized to update , delete & find the inwards and outwards.
  + Admin can change the status of the availability of the product items.
  + Admin will be responsible to raise a request to the supplier via email if there is no stock available in the inventory.
  + Admin can able to generate an invoice after the inward items order been placed.