

## Survey on Automobile Management System

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### ABSTRACT

*Automobile Management System, a desktop application for managing any organization's inventory system, is the goal of this project. The technology-enabled system that an organization uses to manage its stock is referred to as an "Inventory Management System" (IMS). This system can be used to store inventory information, maintain stock, update inventory based on sales information, and generate daily or weekly sales and inventory reports. The goal of this project is to classify distinct components of the sales and inventory management system. We are resolving various issues pertaining to purchase management and direct sales management with this system. Businesses that handle consumer goods-related transactions should implement an inventory management system to ensure quality control. A major retail establishment may run out of an essential item if proper inventory control is not in place. When it's time to record, a good inventory management system will notify the wholesaler. Another important method for automatically tracking large shipments is an inventory management system. When recording stock, an automated inventory management system helps reduce errors.*

**Keywords:** *Electric Vehicle, Inventory, shipment*

### Introduction

The project is a complete desktop application developed with Visual Studio Software on .Net technology. The project's primary objective is the creation of an inventory management system model that will display all of the organization's stock information.

It is a desktop application that is hosted on an intranet and includes an admin component for managing inventory and system maintenance.

The management of an organization's stock serves as the foundation for this desktop application. The application includes the organization's general profile, details about sales and purchases, and the remaining stock that is shown in the organization.

Additionally, there is a provision for inventory update. The remaining stock balance and transaction balance details are also provided by this application. Each new stock is created and entitled with the stock's name and entry date.

It can also be updated at any time in accordance with a transaction or sales return. This is where the login page is created to safeguard the organization's stock management against theft and inventory mismanagement.

- The previous system was a manual one.
- Time-consuming due to the time required for data entry and calculations.
- Because there could be hundreds of entries each year, searching was extremely difficult.

### Inventory management System

The proposed system's objective is to prepare PRE-SO based on the created order. There are two stages in this module:

• SO Sheet • Pre\_SO Worksheet

At the beginning of this project, the SO (Supply Order) sheet for each equipment order will be created. In this sheet, each spare part for equipment is given a unique number, such as ISG Num. The rate for each spare part is listed on the SO sheet.

The reference of the Last Purchase Price (LPP) of the equipment that corresponds to the ISG (Initial Stocking Guide) is

maintained in order to form the transaction sheet of the particular when the worksheet is being prepared. This rate serves as the LPP.

### TESTING

In This project we are doing black box and white box testing for that we are using various test case for login form & Main form.

Also, we are using concept like defect management & test summary report. which will give all detail about the Automobile system.

### III DEFECT REPORT

Sr.no	Test Case	Expected Result	Actual Result	Test Result
1	Enter valid name and the password & click on login button	Software should display	Error message should displayed	Unsuccessful
2	Enter Invalid	Software should not display main window	As expected, the error message is display	Successful

ID	#1234
Project name	Login Project
Product name	Automobile Management System
Release Version	1.12.0
Module	Login
Detected build version	1.12.1
Summary	The defect is found at a login form, where the user input the word instead of numeric ID
escription	The defect is found at a login form, where the user input the word instead of numeric ID. As expected, it doesn't give any message if user inserted the word instead of the numeric ID. It must need to give the proper feedback or message to the user for this mistake.
Steps to replicate	<ol style="list-style-type: none"> <li>1. Enter the word</li> <li>2. Then password</li> <li>3. Then click on the login</li> </ol>
Actual result	The error message is not given
Expected result	It must need to give the error message for

	defect mistake
Attachments	--
Remarks	--
Severity	Medium
Priority	Low
Reported by	Vadge Gayatri
Assigned to	Vadge Gayatri
Status	Almost solve
Fixed build version	1.13.5

## CONCLUSION

Investigate the significance and function of an inventory management system. Since customer satisfaction is the most important objective of every organization in today's market, an integrated inventory management strategy for new product development is unavoidable. Any product's financial material management is a dynamic decision-making process that involves a number of interconnected activities. "Every bench marks are dynamic, challenge them for continuous improvement" applies to today's dynamic market. Any business that wants to stay in the market must establish a process, establish a standard of excellence, and work toward achieving these goals through effective monitoring, resource provision, and environment creation. In the management of materials handling, an extremely significant problem area is the

inventory system. It is difficult to control, and there are a lot of scientific models in the literature that can help us choose the best inventory policy. A well-functioning inventory control system, which is made possible by judiciously balancing competing costs and departmental goals, is the only way to purchase the best quantity. Informational inputs like demand forecasts, lead times, and other cost estimates are also critical. estimates to be realistic to make effective use of inventory models.

## Future Scope

The future scope of this project would be an addition feature of Direct intention with Product Company and all the CONCESSION and FREE extra product will be direct get to the Customers where in the real time conversion would be enabled.

## Design View



# Automobile Management System



## REFERENCES

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