Literature Survey
Inventory Management System for Retailers

Date	19 September 2022
Team ID	PNT2022TMID28022
Project Name	Inventory Management for retailers
Maximum Marks	2 marks

S.NO	TITLE	AUTHORS	ABSTRACT
1.	Inventory management system	Anish Singh Maharjan, Mandip Humagain	This project is aimed at developing a desktop-based application named Inventory Management System for managing the inventory system of any organisation. The Inventory Management System (IMS) refers to the system and processes to manage the stock of an organisation with the involvement of Technology system. This system can be used to store the details of the inventory, stock maintenance, update the inventory based on the sales details, generate sales and inventory reports daily or weekly based. This project is categorised individual aspects for the sales and inventory management system.Inventory Management System is important to ensure quality control in businesses that handle transactions resolving around consumer goods.
2.	Research paper on Inventory management system	Punam Khobragade, Roshni Selokar , Rina Maraskolhe Prof.Manjusha Talmale	Inventory Management System is software which is helpful for the businesses operate hardware stores, where storeowner keeps the records of sales and purchase. Mismanaged inventory means disappointed customers, too much cash tied up in warehouses and slower sales. This project eliminates the paper work, human faults, manual delay and speed up process. Inventory Management System will have the ability to track sales and available inventory, tells a storeowner when it's time to reorder and how much to purchase.Inventory Management System is a windows application developed for Windows operating systems which focused in the area of Inventory control and generates the various required reports.

3	A Study of Inventory Management System Case Study	Tariq Sheakh	Inventory management is a challenging problem area in supply chain management. Companies need to have inventories in warehouses in order to fulfil customer demand, meanwhile these inventories have holding costs and this is frozen fund that can be lost. Therefore, the task of inventory management is to find the quantity of inventories that will fulfil the demand, avoiding overstocks. This paper presents a case study for the steel manufacturing industry (Small Scale Industry) on inventory management. T. The study also proved that there was a significant relationship between return on asset (ROA) and inventory days. This paper also provides recommendation to the company and for further research.
4	Performance Improvement of Inventory Management System	Anas M. Atieh,Hazem Kaylani,Yousef Al-abdallat, Abeer Qaderi,Luma Ghoul, Lina Jaradat,Iman Hdairis	This study investigates the impact of a warehouse management system on supply chain performance that provides less resources effort, more efficient, and reliable inventory management system. The supply chain procedures carried out in the warehouse were reviewed before customizing a software that can handle the necessary transactions. The software was tested for enhancing the work flow and providing a timely and efficient handling.This work can serve both as a practical guide and industrial example for some researchers to compare the software inventory management system with the traditional manual system in the telecommunications sector in Jordan. It also highlights the gap between theory and practice; to motivate researchers to develop and customize new systems for mitigating supply chain disruptions.
5	Study of smart inventory management system	Souvik Paul,Atrayee Chatterjee,Digbijay Guha	n developing enterprises and the constant demands of the product diversity, traditional Inventory Managem heavy workload and low efficiency. This paper presents a new type of intelligent Inventory Management S principles and structure of it. This system has great advantages compared to the traditional mode, and we ex Inventory Management is a key area for customer service and cost optimization in any manufacturing set thousands of components and hundreds of warehouses the inventory becomes a nightmare and a lot of ensuring right shipments. Traditional systems of robotic arms for inventory pick and drop have been bas warehouse and tracking it.
6	Research and Design of the Intelligent Inventory	Xiaojun Jing,Peng Tang	This paper introduces the characteristics and basic application of RFID technology, analyses the data flow of intelligent inventory system from the perspective of business and function, then puts forward the specific framework programs and function modules of intelligent

	Management System Based on RFID		inventory management system based on IOT RFID technology, focuses on elaborating the design and implementation process of the intelligent inventory system. The system realizes full control and management of all products, faster in/out warehouse and dynamic inventory, utilizes warehouse efficiently and improves the capacity of warehouse by effective combining with the ERP system in enterprise.