Team id	:	PNT2022TMID38744
Team leader	:	Hariharan.S
Team member	:	Narendiran.M, Aakash.N, Naveen Kumar.E
Project title	:	Inventory management system for retails

Literature Survey

Paper 1

Title	:	An innovative framework to forecast the best inventory management system
Author	:	K R Sekar, Anil Kumar, Priyanka Dahiya, Mohd Anul Haq, S V Subiksha & S Sethuvarsha
Journal	:	The International Journal of Advanced Manufacturing Technology (2022)
Year	:	29 July 2022
Methodology	:	Hesitant fuzzy VQA-TOPSIS technique
Scope	:	The best inventory management system for the textile industry in terms of basic inventory control, barcoding, accounting integration, demand forecasting, lot tracking, and bundled kits. The scope of the inventory system covers measuring the feature change and planning for future uncertain inventory levels.

Paper 2

Title	:	Design of smart inventory management system for construction sector
Author	:	Dr.Haraprasad Mondal, Dr.Sandip Roy, Dr.Rajesh Bose
Journal	:	Department of Computational Science, Brainware University, Kolkata, West Bengal 700125, India
Year	:	31 July 2022
Methodology	:	IoT and cloud computing
Scope	:	Monitoring and managing consumption of raw materials and goods in any manufacturing industry is considered a vital activity to operational sustainability and profitability inventory management systems have benefitted greatly from barcodes, This research reveals that there could be an opportunity to approach barcode-based designs by

amalgamating such with Cloud Computing, Arduino-based wireless station nodes, IoT and a secure form channel to access data through a dedicated web portal.

Paper 3

Title	:	SMART Warehouse with Internet of things supported Inventory Management System
Author	:	Samir Yerpude,Dr. Tarun Kumar Singhal
Journal	:	Symbiosis International (Deemed University)Pune, Maharashtra,India
Year	:	May 24, 2018
Methodology	:	Internet of Things, Warehouse Management, Service Oriented Architecture.
Scope	:	IoT intelligently connects the physical warehouse world to the virtual world digitally. It also helps save cost for the organization increasing the productivity of the warehouse with the same resources 40 billion devices are projected to get connected over the internet in the year 2020

Paper 4

Title	:	Warehouse inventory management system
Author	:	B. Sai SubrahmanyaTejesh S.Neeraja
Journal	:	SRK Institute of Technology, Enikepadu, Vijayawada, A.P., India
Year	:	27 December 2018
Methodology	:	RFID System
Scope	:	The warehouse inventory management system is quite effective; it uses a web server to execute real-time database searches and dynamic data updates. As a result, the deployment of the proposed methodology's RFID System is not restricted to a prototype or laboratory setting but rather may function well in real-world applications. This innovation can be used to many various fields and applications, and numerous improvements can be made to it so that it is accessible to all industries.

Paper 5

Title	:	Efficient Management of Perishable Inventory
Author	:	Maha Riad; Amal Elgammal; Doaa Elzanfaly
Journal	:	IEEE International Conference on Engineering, Technology and Innovation (ICE/ITMC)
Year	:	16 August 2018
Methodology	:	IoT and cloud computing
Scope	:	Cyberphysical systems (CPS), cloud computing, and the internet of things (IoT) are just a few of the new technologies that have emerged recently and have created both novel opportunities and corresponding obstacles. This paper contributes by reviewing recent research and development efforts in the use of IoT for the management of perishable inventories through an analytical assessment.

Paper 6

Title	:	Cloud Computing Opportunities and Challenges
Author	:	Matthew N.O. Sadiku; Sarhan M. Musa; Omonowo D. Momoh
Journal	:	IEEE International Conference on Engineering, Technology and Innovation (ICE/ITMC)
Year	:	09 January 2014
Methodology	:	cloud computing
Scope	:	The use of the cloud is a recent development in information technology. Some consider it to be a developing area in computer science. It is made up of a selection of online tools and services. Consequently, "cloud computing" is another name for "Internet computing." The term "cloud" refers to the Web as a place where computing has already been established and is available as a service. The Web has operating systems, applications, storage, data, and processing power.

Paper 7

Title	:	Inventory control system design by integrating inventory classification and policy selection
Author	:	Davood Mohammadita bara Seyed Hassan Ghodsy poura ChrisO'Brienb
Journal	:	Amirkabir University of Technology, No.424, Hafez Avenue, Tehran, Iran
Year	:	21 March 2011.
Methodology	:	cloud computing
Scope	:	The Companies classify their inventory items into a few groups and implement comparable inventory control procedures for the items in each group.