**Literature Survey**

**Team Id: PNT2022TMID04866**

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| S.NO | Paper | Author | Year | Method and algorithm |
| 1 | Performance Improvement of Inventory Management System Processes by an Automated Warehouse Management System | Anas M.Atieh,  Hazem Kaylani,  YousefAl-abdallat  Abeer Qaderi  LumaGhoul  LinaJaradat  ImanHdairis | 2016 | 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. Data was collected from the warehouse of a leading telecommunications service provider in Jordan. Furthermore, the facility layout was studied and we introduced a production station within the warehouse, which resulted in better space optimization/utilization of the warehouse. The production station consists of three steps: bundling, labelling, and repackaging. The system handles three phases of product lifecycle: receiving, processing, and distribution of SIM and prepaid scratch cards. Each phase of the product lifecycle was discussed in detail and the process/procedure gaps were identified. 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. |
| 2 | A Study of Inventory Management System Case Study | Tariq Sheakh | 2018 | 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. The relationship between the inventory management and company performance was determined based on inventory days and return on asset (ROA) analysis. The research found that company X had a few inventory problems such as unorganized inventory arrangement, large amount of inventory days / no cycle counting and no accurate records balance due to unskilled workers. 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. |
| 3 | Research paper on Inventory management system | Punam Khobragade\* , Roshni Selokar\* , Rina Maraskolhe\* Prof.Manjusha Talmale | 2018 | 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. |
| 4 | A Review of Inventory Management System | Varalakshmi G S1 , Asst Prof. Shivaleela S2 | 2021 | Inventory Management System is extremely beneficial to business owners, as they allow shops to properly  store sales and purchase records. When inventory is mismanaged, it leads to dissatisfied consumers, slower sales, too  much cash on hand, and warehouses. This inventory system reduces manual work, human mistake, and manual delays  while simultaneously speeding up the process. This inventory management system will be able to track sales information  as well as inventories. Inventory management system is a web application for Windows that focuses on inventory and  sales clearance. It was created for Windows operating systems. The inventory management system has a number of  features. This web application has logical tools for evaluating ideal inventory levels and selecting the appropriate  replenishment strategies automatically. It also has capabilities like the ability to identify stock levels, compute reorder  points automatically, and highlight potential stock-outs. This technique eliminates the risk of stock-outs of fast-moving  goods by minimizing delays. |
| 5 | A Study of Inventory Management System of Linamar India Pvt. Ltd, Pune | Anajali Mishra & Harshal Anil Salunkhe | 2018 | bstract The aim of the study is to examine the inventory management process. The significance of this research is based on the benefits that can be obtained by identifying the issues of inventory control. The methodology used are unstructured interviews, on-site study, and annual report analysis. Inventory management is an important area of manufacturing industry. If company fails to manage inventory, they will face failure. It is a challenge for the company to maintain fair inventory. There are various inventory management techniques available for maintaining fair inventory level in the company. The basic objective of this paper is to study about inventory management techniques used in Linamar India Pvt. Ltd. and find out some measures for improvement on inventory management process of the concerned company. The present system of inventory management of the company is good. For improvement of the present inventory management system, company should adopt other inventory management techniques |