INVENTORY MANAGEMENT SYSTEM FOR RETAILERS

Faculty Mentor :Ms.Kavitha.AP/CSE

Team Leader:

    Jese Owens A   (610519104043)

Team Members:

    Gunadharshini G (610519104034)

    Keerthika R   (610519104052)

    Kalpanachawla R(610519104047)

LITERATURE SURVEY

CLOUD   APPLICATION   DEVELOPMENT

A Literature   Review On Models   Inventory   Managemnt Under Uncertainity

Serhii Ziukov

Inventories are raw materials, work-in-process goods and completely finished goods that are considered to be the portion of business's assets that are ready or will be ready for sale. Formulating a suitable inventory model is one of the major concerns for an industry. The earliest scientific inventory management researches date back to the second decade of the past century, but the interest in this scientific area is still great. Again considering the reliability of any process is an important feature in the research activities. Values of some factors are very hard to define or almost unreal. In such cases, fuzzy models of inventory management take an important place. This paper analyzes possible parameters of existing models of inventory control. An attempt is made to provide an up-to-date review of existing literature, concentrating on descriptions of the characteristics and types of inventory control model that have been developed.

A Study Of Inventry Management System Case Study

Tariq Sheak

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.

Determinants Of Effective Inventory Management A Study Of Consumer Durable Retailer

Vibhuti Tripathi and Priyanka Kochhar

Global retailing is evolving into hi-tech business Indian retail market is poised to follow the path with large number of global players eyeing the market. 10.6% of growth Indian Retail market has experienced between the year 2010 and 2012. Revolution in Indian Retail has been brought about with the change in demographic profile, increase in income levels, urbanization, technology and globalization. Growth comes along with challenges, which retailers have to manage in order to sustain in the competitive environment. It is imperative for the retailers to offer adequate service levels to sustain. The determinants of service levels for a retailer can be linked to availability and variety which aspects can be maintained through a healthy inventory. The paper attempts to address the objective of identifying determinants of effective inventory management. An exploratory survey was conducted among 60 retailers from Allahabad, Lucknow, and New Delhi dealing with consumer durables. Data was treated with factor analysis and Regression analysis. Four Factors of Retailer Size, Supplier Relationship, Service Level and Demand Uncertainty emerged as the determinants of effective inventory management. Positive relationship emerged between Retailer Size, Supplier Relationship, Demand Uncertainty and Effective Inventory Management through regression analysis.