LITERATURE SURVEY
INVENTORY MANAGEMENT

Mentor : Mr.K.RajKumar,A.P/CSE,

National Engineering College,Kovilpatti.

Team Members:
Vettri Raam A -1912117
KarthickSaran K - 1912069
Karthick Raja J - 1912068
Jishnu - 1912065

S.NO.	Author	Title	Source	Findings
1	Gregory P. Prastacos	Blood Inventory Management: An Overview of Theory and Practice	The Institute for Operations Research and the Management Sciences	In this paper we attempt a review of the recent Operations Research contributions to blood inventory management theory and practice. Whereas many problems have been solved, others remain open and new ones keep being created with advances in medical technology and practices..

S.NO.	Author	Title	Source	Findings
2	Seyed Omid Mohammadi, Ahmad	Inventory management software designed for Indian businesses	Journal of information 2020	Manage orders. Track inventory. Handle GST billing. Oversee warehouses. One inventory management software to run all your inventory operations.

S.NO.	Author	Title	Source	Findings
3	Samit Chakraborty , Saiful Hoque , Naimur Rahman Jeem , Manik Chandra Biswas ,Deepayan Bardhan and Edgar Lobaton	Raw Materials Inventory management	Informatics 2021.	This review explores contributions to raw material inventory management .

S.NO.	Author	Title	Source	Findings
4	Tariq Sheakh SKC Government Degree College Poonch	A Study of Inventory Management System Case Study	Researchgate	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.

S.NO.	Author	Title	Source	Findings
5	Polytechnic Italy(Yashar Deldjoo, Fatemeh Nazary)	A Review of Modern Fashion management Systems	ACM Computer. Publication date: SDecember 2021 .	This paper is about to manage and collect data of clothing matrial stocks which can be managed by the system and easy to access a particular data.

S.NO.	Author	Title	Source	Findings
6	Hyunwoo Hwangbo, Yang Sok Kim, Kyung Jin Cha	Recommendation system development for fashion retail e-commerce	Electronic Commerce Research and Applications 28 (2018)	This study presents a real-world collaborative filtering recommendation system implemented in a large Korean fashion company that sells fashion products through both online and offline shopping malls.Last, customers usually purchase items to replace previously preferred items or purchase items to complement those already bought. We propose a new system called K-RecSys.

S.NO.	Author	Title	Source	Findings
7	Jaechoon Jo ,Seolhwa Lee ,Chanhee Lee ,Dongyub Lee and Heuiseok Lim	Development of Fashion Product Retrieval and Recommendations Model Based on Inventory mangement	Electronics 2020	Therefore, a system that efficiently supports the searching and recommendation of a product is becoming increasingly important. However, the text-based search method has limitations because of the nature of the fashion industry, in which design is a very important factor.

S.NO.	Author	Title	Source	Findings
8	S Jain, J Bruniaux, X Zeng, and P Bruniaux	Big data in fashion industry	IOP Conf. Series: Materials Science and Engineering 254 (2017)	The purpose of this paper is to introduce the term fashion data and why it can be considered as big data. It also gives a broad classification of the types of fashion data and briefly defines them.

S.NO.	Author	Title	Source	Findings
9	Wei Zhou , Yangong Zhou , Yangping Zhou , (Shenzhen Institutes of Advanced Technology, CAS, Shenzhen, China)	Fashion recommendations through cross-media information retrieval	W. Zhou et al. / J. Vis. Commun. Image R. 61 (2019)	To suggest similar products, constructed a new similarity measure to compare the image colour and texture descriptors. For mix-and-match recommendation, we firstly adopt convolutional neural net-work (CNN) to classify fine-grained clothing categories and fine-grained clothing attributes from product images.

S.NO.	Author	Title	Source	Findings
10	Cristiana Stan , Irina Mocanu (Computer Science Department University Politehnica of Bucharest Bucharest, Romania)	An Intelligent Personalized Fashion Recommendation System	2019 - 22nd International Conference on Control Systems and Computer Science (CSCS)	Two convolutional neural networks based on the AlexNet model are used to identify cloth items and attributes associated with each item.

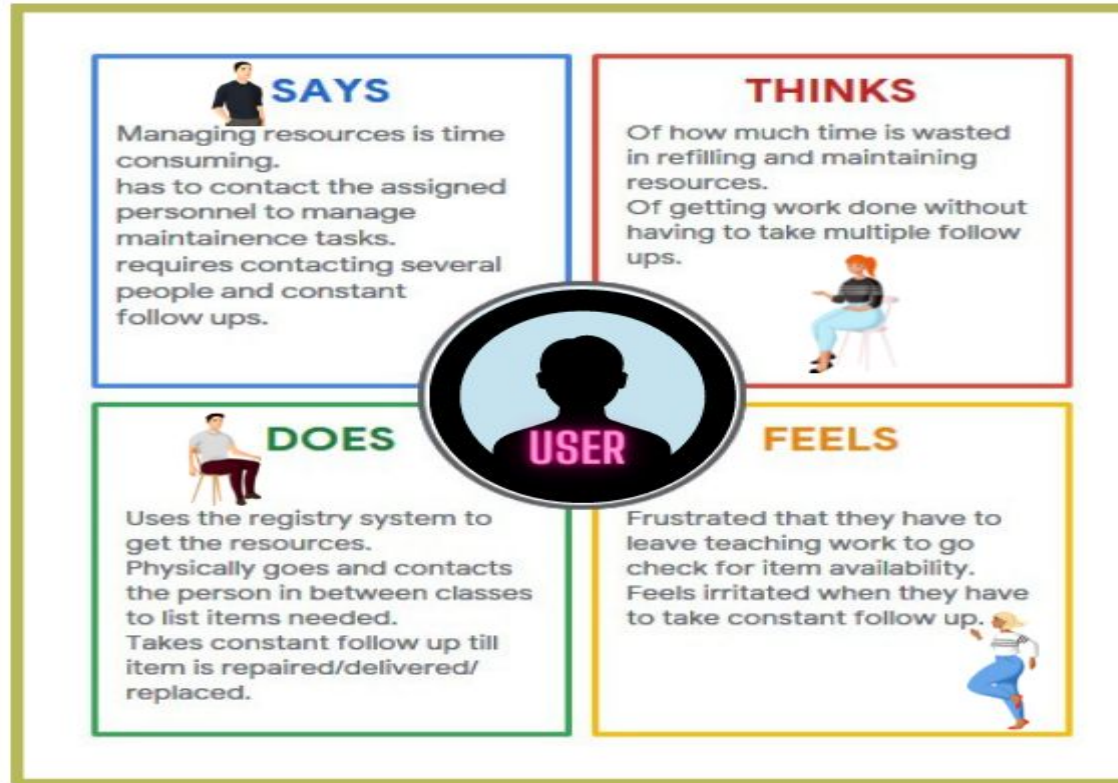| S.NO.	Author	Title	Source	Findings
11	Qiu Xiaoping; Du Weifeng; Tang Li; He Zhenggang	The Development of Inventory Management Information System Based on Workflow Technology	2009 Second International Symposium on Electronic Commerce and Security	This paper identifies the problem which existed in the application of the current inventory information system in the enterprise at present, analyzed and designed the inventory information system again based on workflow technology. Through analyzing the workflow relation data, the inventory management information system is developed under the control of the workflow engine, including the data structure and the detailed data.

S.NO.	Author	Title	Source	Findings
12	Yang Fan Zhongnan Univ. of Econ. & Law, Wuhan, China	Development of inventory management	2010 2nd IEEE International Conference on Information Management and Engineering	This paper introduces Agent technology into domestic storage management and uses the autonomy, reactivity and sociality of Agent.This paper mainly designs a storage management system model based on multi-Agent and describes main Agent cooperation processes of the system.

S.NO.	Author	Title	Source	Findings
13	University of Patras, Greece (Maria Anastassia Stefani ,Vassilios Stefanis , John Garofalakis)	Cfrs: A Trends-Driven Collaborative Fashion Recommendation System	*10th International Conference on Information, Intelligence, Systems and Applications (IISA),* 2019	Trend score shows how trendy a product is and is calculated taking into account the ratings provided by CFRS users (fashion experts and registered users). In particular, users rate (like/ dislike scale) current trends about colors, prints and materials.

S.NO.	Author	Title	Source	Findings
14	Elvi Fetrina; Eri Rustamaji; Tatat Nuraeni; Yusuf Durrachman	Inventory management information system development	2017 5th International Conference on Cyber and IT Service Management (CITSM)	The Institute of Training and Research for Information and Communication Technology (BPRTIK) is an institution under the Ministry of Communications and Information Technology (KEMKOMINFO). Since this Institution manages its inventories by using spreadsheet so that the data are not synchronized properly and prone duplication of data.

S.NO.	Author	Title	Source	Findings
15	Xiaoyu Zhu; Xiaojiu Li	Study on a New System for Inventory Control	2008 International Conference on Intelligent Computation Technology and Automation (ICICTA)	Inventory control is important in a clothing company and Agent Technology has become very popular in the last few years as a new approach to developing software systems. This paper study on a newt system for inventory control using planning and distributed agents in apparel industry.

EMPATHY MAP

SAYS
Managing resources is time consuming.
has to contact the assigned personnel to manage maintainence tasks.
requires contacting several people and constant follow ups.

THINKS
Of how much time is wasted in refilling and maintaining resources.
Of getting work done without having to take multiple follow ups.

DOES
Uses the registry system to get the resources.
Physically goes and contacts the person in between classes to list items needed.
Takes constant follow up till item is repaired/delivered/replaced.

FEELS
Frustrated that they have to leave teaching work to go check for item availability.
Feels irritated when they have to take constant follow up.

USER

THANK YOU