IBM- NALAIYA THIRAN PROJECT

INVENTORY MANAGEMENT SYSTEM

LITERATURE SURVEY:

S.NO	TITLE OF THE PAPER	AUTHORS AND YEAR	PROBLEM ADDRESSED BY THE PAPER	METHODOLOGY USED	LIMITATION OF THE SYSTEM
1.	Data-driven Inventory Management	Nina Verbeeke July 2021	The literature review confirmed that data analytics can be used to enhance information extraction and decision-making in inventory management.	A design process was developed to outline the phases that were followed in this graduation project.	This system is expected to enhance the effectiveness and efficiency of handling inventory.
2.	Electronic inventory management system	CHEBET and ISAAC Busitema University (Uganda). 2020	In order to maximise return on investment while also improving on a company's efficiency and performance.	It is imperative to focus on organisations and use technology to develop such computer based management systems to boast their operation.	Testing should be done on every phase of the development life cycle to make sure that the system is working properly.

3.	Inventory Tracking Software Improvement Project	Jacky Leung, California Polytechnic State University, San Luis Obispo. June-2016	FanimeCon's Convention Operations department required standardised processes and controls for their inventory tracking software. On top of the current web application, new controls were put into place for checkout limitations	To allow for a continuous improvement effort, processes became standardised with a new graphical user interface where user input is recorded.	These will provide more processing times for further study in proposing redesigned layouts and more efficient processes.
4.	Lab Inventory Tracking System (LITS)	Megat Hariri, Megat Harizzuddin (2014) Lab Inventory Tracking System (LITS). Universiti Teknologi PETRONAS.	The objectives of the LITS are to provide a platform for the users in the IT-Media department of UTP to manage and track the inventories	The methodology describes the Software Development Life Cycle model used in the project development which is Rapid Application Development (RAD) and the tools used.	Difficulties faced by the staff in managing and tracking the lab's inventory when there is no centralised database to record the data.
5.	Hardware e-Inventory management system	Tan , Kit Huang (2003) University of Malaya.	The purpose of this project is to build an enhanced enterprise's inventory management system for all the Information Technology and Communication (ICT) Companies in Malaysia.	This system will provide the control & management of inventory, ensuring the sufficiency of inventory, accuracy of data keeping and more profitable relationship with supplier.	Waterfall model methodology was chosen because a web-based management system needs a well organised and structured planning system design implementation.