**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** |
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| **1.** | [Inventory Tracking Software Improvement Project](https://digitalcommons.calpoly.edu/cgi/viewcontent.cgi?article=1214&context=imesp) | [**Jacky Leung**, California Polytechnic State University, San Luis Obispo](https://digitalcommons.calpoly.edu/do/search/?q=author_lname%3A%22Leung%22%20author_fname%3A%22Jacky%22&start=0&context=374206).  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. |
| **2.** | 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. |
| **3.** | 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. |
| **4.** | 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. |
| **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. |