

Universiti Teknologi MARA

Inventory Management System (IMS)

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STUDENT'S DECLARATION

I certify that this report and project to which it refers is the product of my own work and that any idea or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the disciplines.



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ABSTRACT

Nowadays, web based system becomes essential part for the organization to enhance their business process from conventional method. Inventory system that also involve reorder point is the important component to successful transaction in inventory system. One of the industries that apply inventory is a Pejabat Tanah dan Jajahan Machang which located in Machang. Their business still using paper-based system to record the data of inventory process which give some difficulties for the storekeeper to trace the current stock and identify the stock that below minimum level to reorder. This project has been develop based on Waterfall model which comprised five phase which is Requirements Planning, User Design, Coding, Testing and Documentation. This system expected to assist the storekeeper, secretary and manager to manage stock by their role as well. Upon implementation of Inventory Management System or IMS, this system had been evaluated by the experts and users. On top of that, the evaluation by the user involved 30 potential users. They need to evaluate the system based on six criteria which are functionality, accessibility, content, interface, usability and satisfaction of the system. The result shows the user agreed that the website was very convenient to use and make them to browse web page easily with the highest mean of 4.0 (SD=0.08). For the future enhancement, a few aspects such as interface, navigation, and process of managing stock can still be improved to give more efficiency to the user.

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