

Universiti Teknologi MARA

Book Shop Inventory System

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**Thesis submitted in fulfilment of the requirements for
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SUPERVISOR'S APPROVAL

BOOK SHOP INVENTORY SYSTEM

By

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This report was prepared under the supervision of the project supervisor, Miss Zuhri Arafah Binti Zulkifli. It was submitted to the Faculty of Computer and Mathematical Sciences and was accepted in partial fulfilment of the requirements for the degree of Bachelor of Information Technology (Hons) Information Systems Engineering.

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STUDENT'S DECLARATION

I certify that this report and the 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 discipline.



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ABSTRACT

The stakeholder of this project is AMM Books and Learning Toys Enterprise. AMM Books and Learning toys is one of the book shops in Malaysia. There are varieties of books and also several learning toys for children. In conducting the business process, AMM Books and Learning Toys had faced some problems and one of them is managing their inventory. They have some problem in determining the quantity of inventory that need to be replaced or add. Hence, there is a need to develop a Book Shop Inventory System to help stakeholder in minimizing their problems. Book Shop Inventory System was developed using Waterfall SDLC (System Development Life Cycle) method and Oracle 11g Express Edition for the database. Some of problems that they are faced can be solved as well as improve their quality management. By having this Book Shop Inventory System can minimize the cost of their business process which means this system will help them to reduce in using paper and also saving time for workers in managing all the operations. The outcome of the system is quite significant where the system able to provide the reliable system especially in terms of managing inventory. The three objectives from this project had been identified. The result and findings of this system had been gathered in Software Requirement Specification that achieved from the objective one which is requirement analysis and Software Design Documentation from the objective two as known as system design. Lastly for the objective three is implementation and book shop inventory system had been developed as a finding. All the findings been documented in order to achieve the aim which is to develop a system for AMM Books and Learning Toys to help stakeholder, staff, and admin to manage inventory in a proper way. For the further improvement, there is a need to improve a few extra functionalities in this system. Besides that, one of the suggestions for the improvement is to continue waterfall SDLC until the last phase and improve this system according to the current trend. The functionalities were suggested are bar code reader and notification alert. Bar code reader is to record inventory information and notifications alert is to notify the user about the quantity of inventory. This improvement is to allow Book Shop Inventory System to perform faster and better in future use.