

Universiti Teknologi MARA

**Development of Pharmacy Inventory
Management System (PIMS) by
Implementing ABC Analysis for
Farmasi Hijrah**

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**Thesis submitted in fulfillment of the requirements
for
Bachelor of Information Technology (Hons.)
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SUPERVISOR'S APPROVAL

DEVELOPMENT OF PHARMACY INVENTORY MANAGEMENT SYSTEM (PIMS) BY IMPLEMENTING ABC ANALYSIS FOR FARMASI HIJRAH

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This report was prepared under the supervision of the project supervisor, Madam Rosdiana bt Abd Razak. It was submitted to the Faculty of Computer and Mathematical Sciences and was accepted in partial fulfillment of the requirements for the degree of Bachelor of Information Technology (Hons) Information Systems Engineering.

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JANUARY, 2017

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

This project is an attempt to implement the ABC analysis in order to control the inventory costs and suggests that past inventory problems in this pharmacy are largely due to the crowd of inventory and the use of inappropriate computer package that computer package has on inventory. It is also pointing out that due to these problems some parts take too much time to find at the time of need, which affects the working efficiency of the pharmacy. There are also problem with very high annual usage rate. This happened due to the ordering that has been made based on the inventory checking. The methodology that will be uses in this project is waterfall methodology which is consists of 4 phases. The first phases are Requirements Identification phase. The second one is Analysis phase. The third one is Design phase and last but not least is Development and Implementation phase. Therefore, in order to solve the problem of inventory cost this project will be implementing ABC Analysis in the development of Pharmacy Inventory Management System (PIMS) for Farmasi Hijrah. In future work, it is proposed other developers would be improving this system in term of ordering and sales.

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