Universiti Teknologi MARA

Unit Kesihatan Inventory Management System UiTM Kuala Terengganu (UKIMS)

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STUDENT DECLARATION

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

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ABSTRACT

Unit Kesihatan Inventory Management System UiTM Kuala Terengganu (UKIMS) is a system that has been developed to assist in managing medicine information in Unit Kesihatan, UiTM Terengganu, Kuala Terengganu Campus (UiTMKT). Currently, Unit Kesihatan is still using the manual process which is the paper-based and all of documents are being kept in separate files. However, some problem arises from this manual process such as problem in finding medicine record. It requires lengthy time to find a particular record of medicine. Therefore, UKIMS has been developed to assist the time consume regarding record searching. UKIMS was developed using Adapted Waterfall Model. This model has six (6) phases which are planning, analysis, design, development, testing and documentation. User-Centered Design (UCD) framework is also implemented in the development of UKIMS as it provides a guideline of end users involvement in each phase. Functionality test being tested by developer and tested based on stated requirements. As for the usability test, it was evaluated by three (3) experts and 30 users. Questionnaires were distributed to the users and evaluation questions were prepared for the experts. Result shows that, the highest mean is for consistency construct (Mean = 4.467, SD=0.57). It shows that most of the respondent are highly satisfy on the consistency of UKIMS. In the future, this system can be enhanced by allowing UiTM Bendahari and Hal Ehwal Pelajar (HEP) to access the system and can directly approve medicine order as it is already linked with Unit Kesihatan.

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CHAPTER THREE: METHODOLOGY