

Universiti Teknologi MARA

**Hostel Management Information System
(E-HoMIS)**

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**Thesis submitted in fulfilment of the requirements for
Bachelor of Information Technology (Hons.) Business Computing
Faculty of Computer and Mathematical Sciences**

January 2018

STUDENT DECLARATION

I certify that this thesis and the project to which it refers is the product of 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

Hostel SMK Khir Johari currently operated manually in managing hostel management. There are many problems founded during interview session with the hostel manager, Encik Mohamad Hariff Bin Mohd Teridi which are lack of proper data management, limited accessibility of data and lack of communication between hostel management and parents. Hostel Management Information System (E-HoMIS) is developed to help parents, hostel manager, warden, headmaster and system administrator to ease the hostel management. The evolutionary prototyping model is used as a methodology in the development of the system. This model has a five phases which are identify basic requirement, develop initial prototype, user reviewing prototype, refine and enhance prototype and deliver system. This system has been evaluated by two expert users for the feedback and the recommendation. Besides that, user testing also conducted by distributed the questionnaire to the 31 respondents. Using E-HoMIS, there are many manual operation especially file keeping are change to a more efficient way. Reports also can be generated easily using this system. The registration process also change to an online registration rather than fill in the registration form. E-HoMIS also provide a notification email to improve a communication between parents and hostel management especially regarding their children's discipline at hostel. Overall result of user evaluation, the result from efficiency construct shows the highest mean compared to the other construct with 4.77 (SD=0.43) and mode 5. Its show using the E-HoMIS, it can save time for the user. In a nutshell, the E-HoMIS will give more benefits to users when using it and hopefully it can help in process of managing the hostel.

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