

Universiti Teknologi MARA

Mosque Event Management System (MEMS)

Muhammad Azrilkhair Bin Zainol Abidin

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ABSTRACT

Mosque Event Management System (MEMS) is a prototype of a web-based system where user can make Tahlil booking, community camp registration and religious lecture booking. The system involves Imam, community, Nazir and preachers as the main user. Basically, MEMS is a management information system (MIS) that can manage all information related to the booking and registration process. The development of this system is done based on the current business and the problems related to the process. The system is developed based on adapted waterfall model methodology of system development life cycle (SDLC). The methodology involves planning, analysis, design, development, testing and evaluation as well as the documentation phase. A test case also has been designed by developer to test the functionality of the system to make sure all the core function is working. By testing using the test case, the developer find that all the core function is working properly. After that, a user evaluation phase also has been done by developer to check on the effectiveness, efficiency and satisfaction of user when using the system. The effectiveness of this system is 100% after calculating the completion rate of user. The efficiency of user is stated at 0.5 goals/sec after calculating the time-based efficiency of user when completing a task. This concluded that all the user satisfied using the system.

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