Universiti Teknologi MARA

Development of Mobile Application: Medicine Reminder Application (MRA)

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ABSTRACT

Medicine and health has enhanced the life expectancy of human being. For last hundred years, medical process and medical equipment are proving to be the best for human health to the patient. In this research, researcher has study about one of the reminder which is Medicine Reminder Application. Researcher found that there are problems in taking medicine. The problem has been defined by interview 5 patients at the Noridah Clinic at section 7 where 4 of them have difficulties to take medicine at the specific time at the right dose. The main objective of this research is to identify the requirement medicine reminder application, to design and develop the medicine reminder application. The scope of this application is android user and people who want a reminder to take the medicine. In order to develop the application, Rapid Application Development (RAD) has been chosen which include four step of development process. The process includes requirement planning, user design, construction and testing. The explanation of every process has been discussed in chapter 3. But in testing phase, the process cannot be done due to lack of time. The tool used for data collecting is questionnaire. Analysis has been done using descriptive statistical in simple statistic tools. The data collected from questionnaire that has been distributed to 102 respondents and represents in the statistical data. Meanwhile, from the questionnaire researcher also found that half of respondent having problem regarding the schedules in taking medicine. Medicine reminder application is a mobile application that design to assist medicine taker. This application can help the patients to take the medication properly which helps the user give reminder when time to take medicine at specific time. In conclusion, researcher hopes this application can be enhance help other people and can be access to other platform that can meet user requirement.

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