UNIVERSITI TEKNOLOGI MARA

MOBILE DONATION APPLICATION FOR CHARITY ORGANIZATION

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Mobile Donation Application for Charity Organization

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MOBILE DONATION APPLICATION FOR CHARITY ORGANIZATION

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This thesis was prepared under the supervision of the project supervisor, Encik Azmi Bin Abu Seman. It was submitted to Faculty of Computer and Mathematical Sciences and was accepted in partial fulfilment of the requirements for the degree of Bachelor of Information Technology.

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JULY 15, 2022

STUDENT DECLARATION

I certify that this thesis 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 standard referring practices of the discipline.

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ABSTRACT

A donation is a gift of funds channelled to a charity organization to help it achieve its goals without any return. Furthermore, some charity organization still update and manage data from the donors using a spreadsheet and papers. A web application has been used by certain organisations to improve the procedure. In this study, community care application can help charity organizations manage donations such as clothes, food baskets and loved ones in the community. Moreover, this project proposes is to design and develop a mobile donation application for charity organization and to evaluate the application using functionality testing and user acceptance test. This project also uses the waterfall model to develop the mobile application and it consists five phases which is requirement analysis phase, designing phase, development phase, testing phase and project documentation. The evaluation has been conducted by using user acceptance test and functionality testing. The result is user can organise all information on the donors and recipients of aid using the donation application. All information of them can be protected to prevent fraudulent activity. Last but not least, the user may quickly record the details utilising the mobile application after developing this contribution system.