UNIVERSITI TEKNOLOGI MARA

MOBILE APPLICATION FARAID CALCULATOR USING INFOGRAPHICS

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ABSTRACT

Infographics are graphic visual representations of information to inform information with the interesting way. The information that spread using infographics are more quickly and clearly. Nowadays, the existence system of faraid calculation too many navigation which is less user-friendly system. As we know, providing quick access to common features or commands is user-friendlier than system that complex with words. Certain people nowadays are less attraction to read plain text. The objectives of this project is to evaluate the effectiveness of infographics usage in distribution of information. This project applies JavaScript, XML languages to create an infographics usage in distribution of information. By using infographics, the distribution of the information will become simpler and easier for user to receive. The evaluation of this project is done by evaluate the effectiveness of infographics usage in distribution of information. There are several test that will evaluated this project which are usability testing, interface testing, and compatibility testing. This project produces mobile application that using infographics in distribution information. The significance of this project is user easily to use the application because using of infographics that is less word and user easily to understand how the project work.

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CHAPTER 1
INTRODUCTION

1.1 Background Study

Infographics are graphic visual representations of information to inform information with the interesting way. The information that is spread using infographics is quicker and clearer. Infographics is also one of the ways to simplify the information of large amount of data. According to Kolowich (2014), it is more attractive to see pictures or watch video rather than read something that is complex with plain text. It also can improve the ability of human visual system to see patterns and trends by using data visualization (Heer, J., Bostock, M., & Ogievetskey, V., 2010). What is the importance of distribution of information using infographics?

First of all, we need to know first what faraid is. Faraid is way of distributing inheritance based on syara'. It is the division of the property of a Muslim who died and did not leave any will about the property before he or she died. According to Islamic law, the property will be divided to his or her family such as children, wives, husband, mother etc. Type of properties that he or she can inherits are land, building (home), jewelry (gold, silver), insurance, cash, livestock such as goats, cattle, camels or buffaloes (Md Yazid Ahmad & Hayatullah Laluddin ,2010).