SCALE FEES INFORMATION APPLICATION FOR MOBILE USER

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DEDICATION

To my beloved mother and father
SALBIAH BT ALIAS & ABD KARIM B MERAHALI

To my siblings
NURUL NADIA BT ABD KARIM
AMIRUL HAKIM B ABD KARIM
AMIRUL AIMAN B ABD KARIM
NURUL AINA AFIQAH BT ABD KARIM

To all my friends
ACKNOWLEDGEMENT

Alhamdulillah, all praise to Allah S.W.T and may Allah praise His Prophet Muhammad S.A.W and his household for giving me the chances and opportunity to realize my ideas and orks into this project.

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ABSTRACT

Land Scale Fees have been prepared by the Land Survey Board for the surveyors especially for the guide to deal with the customer. The information regarding Land Scale Fees can be acquired from the Land Survey Board website. Besides, the information is only can be acquired through the Land Survey Board website. Hence, the internet connection is the important requirement to get attached with the information. Through the website, the information provided might be useful to the users. However, it cannot solve an extended problems like wifi connection. In addition, the people also do not have much knowledge about the land scale fees and do not know how to find the information. To solve this problems, an application has developed in Android platform. By categorizing the information into groups, the information can be easily understand by the user. Besides, by integrating Macromedia Flash CS6 , an application is developed to give a numerous function to the user. Hence, the information can be delivered in more efficient ways and more importantly, can be visualized and later give better understanding to the user.
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<tr>
<td>CPD</td>
<td>Continuing Professional Development</td>
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<td>FCC</td>
<td>Federal Communication Commission</td>
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<td>FLV</td>
<td>Flash Video</td>
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<tr>
<td>GPS</td>
<td>Global Positioning System</td>
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<td>GSM</td>
<td>Global System for Mobile Communication</td>
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<td>GUI</td>
<td>Graphical User Interface</td>
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<tr>
<td>HTML</td>
<td>Hyper Text Markup Language</td>
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<tr>
<td>LCD</td>
<td>Liquid Crystal Display</td>
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<td>LJT</td>
<td>Lembaga Jurukur Tanah</td>
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<td>MP3</td>
<td>Music Player 3</td>
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<tr>
<td>OS</td>
<td>Operating System</td>
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<tr>
<td>PC</td>
<td>Personal Computer</td>
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<td>PDA</td>
<td>Personal Digital Assistant</td>
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<td>RIA</td>
<td>Rich Internet Application</td>
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<tr>
<td>SDK</td>
<td>Software Development Kit</td>
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<tr>
<td>SMS</td>
<td>Short Message Service</td>
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<tr>
<td>TLF</td>
<td>Temporary Lodging Facility</td>
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<td>UI</td>
<td>User Interface</td>
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<td>UK</td>
<td>United Kingdom</td>
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<td>Acronym</td>
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<tr>
<td>XML</td>
<td>Extensible Markup Language</td>
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<td>Second Generation</td>
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<td>3D</td>
<td>Three Dimension</td>
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Chapter 1

INTRODUCTION

1.1 Overview

Nowadays, people and hand phones are different parties but have strong and relationships between each other. Hand phones undoubtedly is one of the best invention created by the people. Alexander Graham Bell have invented telephone as we know that hand phones nowadays become very important tools to everyone. With the upcoming advanced technology, the hand phones itself have it’s evolution. From the telephone to the smartphone which is the current generation is using nowadays. Smartphone today has been upgraded with the Android system. Android is becoming phenomenon all over the world. Android is a mobile operating system (OS) based on the Linux kernel and currently developed by Google. With a user interface based on direct manipulation, Android is designed primarily for touchscreen mobile devices such as smartphones and tablet computers, with specialized user interfaces for televisions (Android TV), cars (Android Auto), and wrist watches (Android Wear). The OS uses touch inputs that loosely correspond to real-world actions, like swiping, tapping, pinching, and reverse pinching to manipulate on-screen objects, and a virtual keyboard. Despite being primarily designed for touchscreen input, it also has been used in game consoles, digital cameras, regular PC and other electronics.
1.2 Background of the study

Land Survey Board or *Lembaga Jurukur Tanah* (LJT) is a familiar name among surveyors in Malaysia. Nowadays, land becoming more important to all the people as it is a place that we can contribute benefit for future. Everyone is looking for the land for future benefits for their next generation. However, not everybody know that Land scale fees is a fees that comes from the land survey board. All the 11 schedule can be download from Land Survey Board website. For surveyors, there are familiar with the term in land scale fees as it is what they are deal with for their daily life. Nowadays, through hand phone, everyone can search for the information. With the advanced technology created by mankind today, hand phone also have been upgraded to the high level. Everyone are using smartphone that are provided with Android system. Hence, they can search everything from their hand phones. However, the internet connection is the requirement to do so. Hence, the application that are developed with using no internet connection is easy for them to be used as they can obtain the information anytime. With application, the information can be visualized and later give much more understanding to the user.

1.3 Statements of Problem

Land Scale Fees has been prepared by Land Survey Board. Without a doubt, Land Survey Board is very important to surveyors for their daily life to deal with the people. Usually, the surveyors will handle the land scale fees for their customers. The customers just need to pay based on the scale fees to the surveyors. All 11 schedule of land scale fees can be acquired from Land Survey Board website. Besides, to obtain the information, the user must connect to internet connection. Hence, the internet connection is the requirement to connect to the website. Throughout the advanced technology nowadays,, many people tend to use technology as their tool to solve, help or make it easier for their job or work. Same as people who need survey information especially those who really need information about the scale fees of land. We can see how the technology can help in the matter of development, maintaining and enhancement. For an example, the survey info application now are served with the information about the scale fees of land. People who really seek for this information might not know how to get this information unless they have to ask the people at Land Survey Departments. Information about
the scale fees of land is very important, not only to licensed surveyor but also to those who really need to seek for the information. Hence, to solve this problems, we need a few ways of delivering information and with the expanding use of technology, an application that specially designed for the land scale fees can be developed and later will solve the problems regarding the WI-FI connection and those people who seek for the land scale fees information.

1.4 Research Objective

1. To design and develop the application for scale fees of licensed surveyor board for android mobile.
2. To test and evaluate the capability of the application among public user.

1.5 Scope of the study

To define the scope of study, there are several important aspects that need to be highlighted. The aspects are:

i. Research Data
ii. Equipment
iii. Target user
iv. Software

1.5.1 Research Data

In this research, the data from the Land Survey Board or Lembaga Jurukur Tanah(LJT) is acquired.

1.5.2 Equipment

Hand phone

A hand phone which is Android–based smartphone is used to undergo application.
1.5.3 Target User

i. Surveyor

The main study of study is to help the surveyor who need the information about the scale fees of land. Besides, this application is very useful to those who are newbie o surveyor.

ii. Public user

The main study is to help the people who needs the information about the scale fees of land in Peninsular Malaysia.

1.5.4 Software

i. Macromedia Flash CS6 is the special software that will be used in this study to undergo the process making the android application.

ii. Java is needed for the programming language

iii. Adobe AIR is the software for connecting the application to the hand phone

1.6 Significance of study.

i. Will benefit future surveyors that who are interested in knowing more about the potential of hand phone developed an application

ii. Will benefit the people in other professions such as the vendors of the hand phones.

iii. Give guidance to the people on how to produce android application using Flash CS6

iv. Show understanding on how implement the application by using android application.
1.7 RESEARCH METHODOLOGY

Phase I
- Literature review
  - Information from books, journals, internet and thesis regarding topics

Phase II
- Planning
- Design the storyboard

Phase III
- Flash CS6
- Develop the application
- Adobe Air

Phase IV
- Design the interface
- Data Processing

Phase V
- Conclusion and recommendation
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