ABSTRACT

STUDY AND IMPLEMENTATION THE CONCEPT OF FARAID SCIENCE FOR DEVELOPMENT INTERACTIVE INHERITANCE APPLICATION BASED ON ANDROID

By :

HELMY YOGA PRANATA
10107374

Android is an open operating system with complete library and smartphone with Android operating system is relatively more cheap than another smartphone. This is triggers for various parties to develop android applications, as well as with this faraid application Faraid derived from the Arabic which means "division", or more explicit defined a science which describes procedures for division of property from someone who has died with the divisions that have been determined to be distributed to who rightfully deserve it. In everyday life, heritage is often a complicated issue and often a source of dissension, for that's require a fair inheritance law. The Science that handle about inheritance is a science that Allah is deign to explain the distribution explicitly.

Inheritance applications be based faraid law currently only on desktop, so the less well known in the society cause limitations of space and time while running. The importance of faraidh science for muslims and the development trend of mobile technology today is so fast, therefore requires a calculation of inheritance applications based faraid law which can be used without the limited space and time with expanding into mobile application.

For the research methodology this software uses waterfall method, whereas for data modeling using object-oriented methods that is Unified Modeling Language (UML) to describe the model of analysis and system design to be created.

Based on the results of testing the functionality, application which is used for help calculate the distribution of the inheritance based faraid law successfully developed and inshaallah give right results.

***Keyword** : Mobile application, Android, Faraid, Muslims, Inheritance.*