

## **ABSTRACT**

Faraidh is the science correspond to inheritance and the calculation of heritage according to Islamic sharia. Few people know about faraidh, and for helping people understand the calculation of inheritance according to Islamic sharia without bothered by looking for the faraidh expert then this application built in android based. There are some feature in this application, user get the right to control their profil, user can control the calculation data include the data of the grantor heir and the data of the heir, user also get the right to view the history of the calculation. Also other features such as theory of faraidh science, faraidh law, the pillars and the terms of the heir, heirs groups and a glossary of terms. This application uses the Java programming language and xml, interface design using Adobe Photoshop, and using SQLite DBMS for databases. These applications run on the Android operating system version 2.3.3 or more the hardware requirements specification for a smartphone with 256MB RAM or more, at least 512 MHz processor and also can be run on android emulator with the specifications of a computer which are operating system Windows 7, with hardware specification Processor Intel Pentium dual-core processor @ 1.73 MHz, 512MB RAM, and 120 GB hard drive.

Keywords : android application, android, faraidh, calculation of inheritance, division of inheritance, inheritance, SQLite, xml, smartphone.