

Title: Altarjimah: Tausug Surah Translation for Android using Yii Framework

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ABSTRACT

Altarjimah is an Android application that allows Muslim Tausug people to understand Quran by their own dialect. This study was conducted with the all knower of Quran at the Arabic school of Nurul Huda Islamic Care Center where they provide Tausug translation book. This research applies a concept of web manager to perform administrative functions such as modifying, adding, and customizing data. To implement this method, the android application gets the data from web through mobile device by using API to fetch all the information from the web manager. The Android application makes an HTTP request to the web server through web service, parse the retrieved data which is primary return formats are Extensible Markup Language (XML) and save it into the Android mobile devices. In XML format the XML files will save in separated respectively name for its unique identification from the matching resources directory when it manages to find XML files in the resource file, it used the value and stop searching, not only the application will be lightweight, but at the same time be organized.

The application was developed using waterfall methodology it undergone the phases of designing, testing, implementation and maintenance.

Keywords: Translation, Qur'an, Surah, Android phone, dialect, Altarjimah