**ABSTRACT**

**DWI RAHAYU APRILLYANI, C1255201014, 2016,** *Aplikasi Doa Rosario dan Jalan Salib Berbasis Android*, Advisor I Hotmian Sitohang, M.Kom, Advisor II Bayu Pratama Nugroho, S.Kom,MT.

Smartphone has an important role in the world of information. This is because some smartphones already have the functionality and capabilities more than just basic functions. Smartphones are most popular today is the smartphone with android-based information systems. Utilization of smartphone devices as a companion in carrying out daily activities is very often used is the basis for the creation of applications Rosary Prayer and Way of the Cross Based Android.

The problem of this research is how design and make the application rosary prayer way of the cross based on android that can help users to make it easy in pray, reading and memorizing. So it can give the media that can perform prayer wherever and whenever.

The methods of data collection used in this research includ literature study and interviews. The development of the software used is System Development Life Cycle ( SDLC ) with the development of the model waterfalls ( waterfall model ). Software used in the making the application rosary prayer and way of the cross is Eclipse ADT version of 22.6.2-1085508.

This research carried black box testing or error testing program and the results is program can run well. Based on results of questionnaires that have been carried out on the application Rosary Prayer and Way of the Cross based on android with 10 respondents. It was found out that this application may be feasible to be uses and very good to be implemented with the percentage of 91%.

**Keywords :** STMIK Palangkaraya, Teknik Informatika, Client Server, Hybrid Application, Android