**ABSTRACT**

**YUDI HARTONO, C1255201032, 2017,** *Aplikasi Pengelolaan Mata Kuliah Teknik Informatika Berbasis Client Server pada STMIK Palangkaraya*, Advisor I Herkules, S.Kom, M.Cs, Advisor II Drs. Sartana, M.Si.

The need for IT-based services varies greatly. So far smartphone users with the android operating system continues to search for the latest applications and that can facilitate all activities of users. The need for android apps for lecture activities is also much needed today.

As a college education institution, STMIK Palangkaraya plays a role in the development of science, especially in the field of information technology. As a consequence of that, STMIK Palangkaraya should apply and use information technology to optimize the process of education that it organizes. So far, the submission of course information by lecturers at STMIK Palangkaraya is still conventional through word of mouth, so the authors feel there needs to be the use of information technology to convey the course information by way of making the Application of Informatics Engineering Course Management in Client Server based at STMIK Palangkaraya.

The problem of this research is how to design and make Application of Informatics Engineering Course Management in Client Server based that can help the user to provide easiness in finding information about informatics engineering course wherever and whenever.

The method used in this research includes literature study and interview. Software development method used for system development flow is Agile Development Methods with XP method approach (Extreme Programming). The software used is Xampp version 3.2.1, Ionic version 1.7.2, Node Js version 2.0, android sdk, java jdk, and notepad ++ editor.

In this research is done testing the error program using black box testing and the result of the program can run well. Based on the results of questionnaires made using google form service and has been disseminated to students stmik through social media with the number of 13 respondents who filled the questionnaire, the Application of Informatics Engineering Course Management in Client Server based at STMIK Palangkaraya can be said to be worthy to use and good to implement with The percentage of 83%.

**Keywords :** STMIK Palangkaraya, Course, Informatics Engineering, Client Server, Hybrid Application, Android.