

## ABSTRACT

Advances in technology are now developing very rapidly, especially in information technology and mobile technology. Human tendency to be practical and flexible of using cellular technology which requires its development have to rise increasingly to occupy the human needs. Furthermore, the convention of human which is mobile anywhere and anytime can be considered to use various facilities of cellular technology as their fulfillment information needs.

By using cellular phone technology, can be developed a new service that is Academic Calendar. With some excrement between manual academic calendar, such as the service that can be accessed anywhere and anytime and also update information. To realize that service, an application based on *Micro Edition* (*cellular phone PDA*, and others) is needed. All the information about academic activities can be accessed by user using this application. J2ME is a specification set and technology that focus of hardware consumer. This specification have a memory limit, consume a little power of battery, small screen and low bandwidth network.

This final project deliver an academic calendar application in handheld device which is made by java programming language, so with this application the college student as cellular customer can use this academic calendar application as their fulfillment academic information needs.

*Key word: Mobile, Micro Edition, J2ME*