ABSTRACT

Information Technology gives an easy way for the user to transfer data with every media. Mobile Cellular has been generally used become one of choice to transfer data media. *Multimedia Message Service (MMS)* is one of application on mobile cellular that sending file such as image, audio, video and text

Transfer data have advantage and disadvantaged, the benefit that we get must do balancing with a good without miss quality of data sending. And Cryptography becomes one of solution to secure data in other that cannot be read by anyone without the intended person. So the security side only for the certain people

Using cryptography on mobile cellular beside must attention a security side, it must attention a memory required on mobile cellular that can influence the response time on mobile cellular on one application. On this Final Project, *Enhanced Chaotic Key Based Algorithm (ECKBA)* that implemented on mobile cellular needed a low memory, a response time and not miss the quality of image that process

Keyword: Multimedia Message Service (MMS) Kriptografi. Enhanced Chaotic Key Based Algorithm (ECKBA) , Mobile Cellular