# ABSTRACT

*Smartphones are now supported by various applications that are very helpful for everyday life. But from the many android applications there are several applications that are infiltrated by malicious software which can unwittingly damage the Smartphones itself, applications that have been infiltrated by malware able to steal user data stored on the Smartphones. Mobile Security Framework (MobSF) can analyze malware on android applications by doing static and dynamic analysis, in carrying out the analysis process which will then give results in the form of reports stating that the android application is free of malware producted by irresponsible parties. This final project uses the Mobile Security Framework (MobSF) as software to analyze android applications. Various types of android malware can be detected such as Trojans, Ransomware, Adware, and so on. Mobile Security Framework (MobSF) also able to find out the dangerous source code on an android application.*

*Keyword :  Mobile Security Framework (MobSF), android applications*