**ABSTRACT** 

A safe is a fireproof iron cabinet or box whose locking system uses a

combination lock or digital lock. Safes are usually used to protect valuables (such

as money, securities, jewelry, etc.) from fire and theft/demolition.

In this final project, a prototype design using NodeMCU which is connected

to ESP8266, Selenoid is carried out to make a smart locker which is expected to

help users to be more effective and safe from theft..

The results of the research and testing of the system made are a prototype

smart locker that has a controller input via a smartphone that can be connected to

Android. The time it takes to send data from the NodeMCU to the Antares server is

about 3 seconds. With the ESP8266 the device can be connected to the android

application, users can control it, so they can add to the security system in the safe.

**Keywords**: Brankas, ESP8266, Selenoid.