

## CHAPTER 6

### CONCLUSION

The following conclusions can be drawn through a lock system using smartphone and card:

1. The RFID RC522 sensor worked well in this Study.
2. Esp8266 worked well in this study, but the author had a hard time making a Live Image send when someone tried to log in, resulting in frequent bugs on the Esp8266 device. so here the author replaces it by putting the URL Esp32 Cam.
3. Relay, Solenoid, and Push Button worked well in this study but it takes patience and extra care in installing it into the door because the place inside the door is very narrow so the cable is easy to lose

Added a database and Wi-Fi module to store respondent data and send data in real time, In addition, when entered, all electrical related tools will automatically turn on and when the author types "off" all electrical devices will automatically turn off as a suggestion for further development.