



RFID DOOR LOCK SECURITY SYSTEM WITH ARDUINO

UNDERGRADUATE FINAL PROJECT

**SUBMITTED AS ONE OF THE REQUIREMENTS TO OBTAIN
SARJANA KOMPUTER**

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INTRODUCTION

1 Background

In the current era, information technology has become an unusual item activities for human, In the current era, information technology has become an unusual item with human activities. Information technology (IT) can be used to processing data, including compiling, storing order obtain quality information such as accurate, relevant, and make information as a decision strategic decisions.

In Indonesia, technology for a door lock is still very rarely applied in society. As time goes on, everything will be defeated by technological advances. And then we must also be able to learn or apply technology in our own lives. therefore we need technology to increase

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ABSTRACT

With expanding interest in security, exceptionally believed frameworks and quick reaction structures are a genuine prerequisite for organizations and associations. Radio Repeat Unmistakable proof is a significant area of later life and leads to extraordinary reasoning from the universe of authenticity and the corporate world. In this last task, RFID-based entrance control access is made utilizing Arduino. I utilize a RFID ID Card, E-Money, and a RFID reader, which are utilized to facilitate the data on the tag with the data in an information assortment program that spotlights on creating doors by finding out whether the data is valid or misleading. The launch of the entry entryway plans to lock the solenoid door lock that gets feed from the Arduino Uno. Opening and shutting relies upon the standard set by the Arduino response. At the point when the standard is set to 1, the entry is open and in the event that it is set to 0, the entry stays shut. Drove based takes care of additionally come from Arduino Uno.

Keywords : RFID ID, Door control access, Arduino Uno.

DEDICATION

I would like to dedicate this final project to my god Allah SWT , my beloved families, my best friends, my advisor, my lectures, and whoever support me in my life during my hard time to build this project.

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