

Solenoid Door Lock System

A solenoid door lock is an electromechanical device commonly used for securing access to doors, cabinets, or safes. It operates by converting electrical energy into linear motion, allowing for the mechanical locking or unlocking of a door.





12v Solenoid Door Lock

A 12V solenoid door lock is a type of solenoid lock that operates using a 12-volt electrical supply.

5v Relay Module

5V relay module is an electronic device that allows low-voltage microcontrollers, like those operating at 5 volts, to control higher voltage circuits or devices.

EM-18 Reader Module

The EM-18 Reader Module is a type of RFID reader module designed to read RFID cards or tags based on EM4100 protocol.

16x2 LCD Module

The 16x2 LCD module is a common type of alphanumeric liquid crystal display (LCD) that consists of 16 characters per line and two lines.

3x3 Keypad

3x3 keypad, also known as a matrix keypad, is a simple input device that consists of three rows and three columns of buttons arranged in a grid.

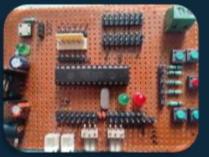
Customized Arduino Board

This board is designed according to the project needs. The IC that is being used in this board is ATMEGA 328P-PU



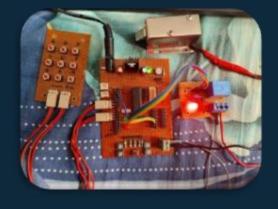


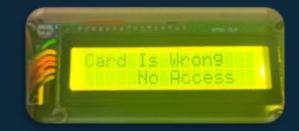
TESTING PHASE





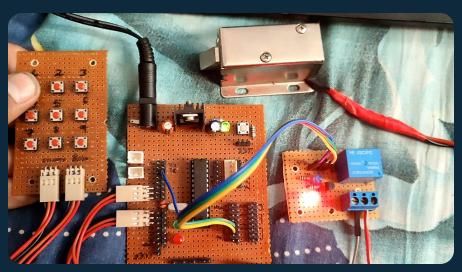








TESTING VIDEO







THANK YOU



Submitted by - ADARSH GOYAL Roll No -48

ENROLL NO - 36115002821