

# RFID based Door Lock

*CSEL-395 Internet of Things*

*Prepared by Mahmood Yousaf (1802011), Manzoor Ul Haq (1802022)*

## Apparatus

- Arduino UNO
- RFID - RC522
- Servo Motor
- Jumping Wires
- RFID Tags

## Description

- RFID based door lock where a user scans RFID tag on the RFID reader then the door will be opened or closed.
- Arduino is maintaining the authorized tags list and responds according to it using a programmable code stored in it.
- When an unauthorized user scans his card on the reader then the door will remain closed.

## Source Code

- [GitHub - RFID based Door Lock](#)

## Demo

- [Youtube - RFID based Door Lock \(5:10 - 6:05\)](#)