**INTRODUCTION:**

Generally, RFID (“radio-frequency identification”) cards are a technology where digital data encoded in RFID tags or smart labels detected by a reader via radio waves. This technology has several advantages over many sectors. This card or label works by transmitting data about an item or identity through radio waves to reader.

**Components Required:**

In this project I used NodeMCU which is a micro controller to get data via RFID reader from RFID card using some jumper wires. The basic aim of this project is to read the tags of the cards and also to identify particular card with a buzzer.

**How to do:**

I wrote two INO files in which one of the files is just to identify the card tag and to print it on the serial monitor and the other is to give a buzzer three times when selected card detected and a long buzzer when other than selected card detected. The header files required in this project are #include<SPI.h> and #include<MFRC522.h>.

**APPLICATIONS:**

The main applications of this project are Access control, Race timing, Inventory tracking, Attendance etc.