Text

Description automatically generated

Using (<https://github.com/nmcc1212/rfid2/blob/d627b2f2af4d4ee86963e30932556b7870d28e62/1st%20try.py>) for reading cards didn’t work, now using SimpleMFRC522

A screen shot of a computer

Description automatically generated with low confidence

A reader object was missing

Text

Description automatically generated

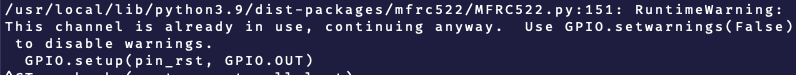
Didn’t handle error if the RFID UID was not in the database, fix

if result:

return result[0]

else:

return None



The GPIO pins showed as still in use after closding and releaunching the program fixed by adding “atexit” which runs a predefined script (GPIO.cleanup) when the program exits



It looks as if the script works even though the card is not in the database, fixed by checking if None is returned, if it is printing an Error and then exiting



Now adding the RFID card to the DB manually,

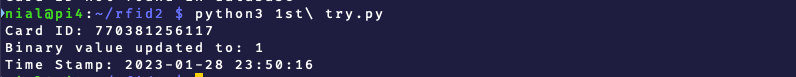
INSERT INTO rfid2.card\_states (card\_id, binary\_value, timestamp) VALUES (770381256117, 0, "2023-01-01 00:00:00");

Imgs of 1st iteration (adding users manually )

A screenshot of a computer

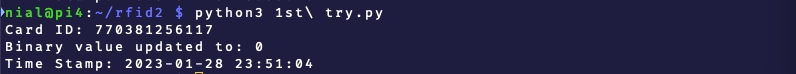
Description automatically generated with low confidence

The card has just been added



The card has been tappedText

Description automatically generated with medium confidence

This is now reflected in the database

Again the card has been tappedGraphical user interface, text

Description automatically generated with medium confidence

Again reflected in the database