

Note : This is a basic example, and you might need to modify it according to your specific requirements and RFID reader specifications.

```
rfid_inventory.py
import RPi.GPIO as GPIO
from mfrc522 import SimpleMFRC522
import mysql.connector
reader = SimpleMFRC522()
db = mysql.connector.connect(
    host="your_host",
    user="your_username",
    password="your_password",
    database="your_database"
)
cursor = db.cursor()

def read_rfid():
    try:
        print("Hold an RFID tag near the reader...")
        id, text = reader.read()
        print("Tag ID: {}".format(id))
        print("Tag Data: {}".format(text))
        return id, text
    except Exception as e:
        print("Error reading RFID:", str(e))
        return None, None

def update_inventory(tag_id, tag_data):
    try:
        sql = "INSERT INTO inventory (tag_id, tag_data) VALUES (%s, %s)"
        values = (tag_id, tag_data)
        cursor.execute(sql, values)
        db.commit()
        print("Inventory updated for Tag ID: {} with Data: {}".format(tag_id, tag_data))
    except Exception as e:
        print("Error updating inventory:", str(e))

if __name__ == "__main__":
    try:
        while True:
            tag_id, tag_data = read_rfid()
            if tag_id is not None:
                update_inventory(tag_id, tag_data)
    except KeyboardInterrupt:
        print("Inventory management interrupted by the user.")
    finally:
        cursor.close()
        db.close()
```