Sprint -2

PNT2022TMID06140

Scanner code :

```python
import cv2

import time

import numpy as np

import pyzbar.pyzbar as pyzbar

from ibmcloudant.cloudant_v1 import CloudantV1

from ibmcloudant import CouchDbSessionAuthenticator

from ibm_cloud_sdk_core.authenticators import BasicAuthenticator


authenticator = BasicAuthenticator('apikey-v2-
w7kt9ti5ys9p91k2xsuynuhehlbjw5sqsgz7jllg05h','11b2e2c3a290c04886ab57bf26f3604b')


service = CloudantV1(authenticator=authenticator)

print(service)

service.set_service_url('https://apikey-v2-
w7kt9ti5ys9p91k2xsuynuhehlbjw5sqsgz7jllg05h:11b2e2c3a290c04886ab57bf26f3604b@6a64bbbc-
7055-4c88-9a7f-9d7245782865-bluemix.cloudantnosqldb.appdomain.cloud')


cap = cv2.VideoCapture(0)

font = cv2.FONT_HERSHEY_PLAIN


while True:
    _, frame = cap.read()
    decodedObjects = pyzbar.decode(frame)
    for obj in decodedObjects:
        a=obj.data.decode('UTF-8')
        cv2.putText(frame, "Ticket", (50, 50), font, 2,(255, 0, 0), 3)
```

```python
        try:
            response = service.get_document(
                db='booking-table',
                doc_id = a
                ).get_result()
            print("Passenger Name\t Ticket Count \t Date \t Train NO")
            print(response["pname"]+"\t
\t"+str(response["ticketcount"])+"\t"+response["date"]+"\t"+str(response["trainNumber"]))
            time.sleep(5)
        except Exception as e :
            print(e)
            print("Not a Valid Ticket")
            time.sleep(5)


    cv2.imshow("Frame", frame)
    if cv2.waitKey(1) & 0xFF == ord('q'):
        break
cap.release()
cv2.destroyAllWindows()
client.disconnect()
```

...ers\anuia\Desktop\QR verification code.py (3.8.6)

Window Help

```
pyzbar
nt_v1 import CloudantV1
CouchDbSessionAuthenticator
authenticators import BasicAuthenticator
```

qsg

rz7j

'+re

Ln: 1 Col: 0

Frame