

## CODE:

```
import cv2

import numpy as np

import time

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-v2-16u3crmdpkghxhxfdikvpssoh5fwezrmuup5fv5g3ubz',
'bOab11944563e6255eabb978')

service = CloudantV1(authenticator=authenticator)

service.set_service_url ('https://apikey-v2-
16u3crmdpkghxhxfdikvpssoh5fwezrmuup5fv5g3ubz:b0ab119f45d3e6255eabb978e7e2f0')


cap= Cv2.VideoCapture(0)

font = cv2.FONT_HERSHEY_PLAIN


while True:

    _, frame = cap.read ()

    decodedObjects = pyzbar. decode (frame)

    for obj in decodedObjects:

        #print ("Data", obj.data)

        a=obj.data.decode('UTF-8')

        cv2.putText(frame,"Ticket", (50, 50), font, 2,(255,0, 0), 3)

        #print (a)

        try:

            response = service.get_document(db= 'booking', doc_id = a).get_result()
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        print(response)
        time.sleep (5)
    except Exception as 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 ()
```