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from ibmcloudant import CouchDbSessionAuthenticator

from ibm_cloud_sdk_core.authenticators import BasicAuthenticator

authenticator = BasicAuthenticator('apikey-v2-16u3crmdpkghxhxfdi kvpssoh5fwezrmuup5fv5g3ubz',
'b0ab119f45d3e6255eabb978')

service = CloudantV1(authenticator=authenticator)

service.set_service_url('https://apikey-v2-
16u3ermdpkghxhxfdikvpssoh5fwezrmuup5fv5g3ubz:b0ab119145d3e6255eabb978e7e2f0')

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()
        print (response)
        time.sleep(5)

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except Exception as e:
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    print ("Not a Valid Ticket")
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    time.sleep(5)
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cv2.imshow("Frame",frame)
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if cv2.waitKey(1) & 0xFF ==ord('q'):
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    break
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cap.release()
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cv2.destroyAllWindows()
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client.disconnect()
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