PYTHON CODE FOR WEB APPLICATION

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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-267fe83f32ec443b804f3c76d688d2e3', 'b1456cbe3c712c2d555623fe092c074478521354')

service = CloudantV1(authenticator=authenticator)

service.set\_service\_url('https://4f470103-dd2c-4f50-94e8-3439395a7935-bluemix.cloudant.com')

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)

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()