**Python code for the Scanner**

from ibmcloudant

import CouchDbSessionAuthenticator

from ibm\_cloud\_sdk\_core.authenticators

import BasicAuthenticator authenticator = BasicAuthenticator('apikey-v2-16u3crmdpkghhxefdi kvpssoh5fwezrmuup5fv5g3ubz', 'b0ab119f45d3e6255eabb978')

service = CloudantV1(authenticator=authenticator)

service.set\_service\_url('https://apikey-v2- 16u3ermdpkghhxefdikvpssoh5fwezrmuup5fv5g3ubz:b0ab119145d3e6255eabb978e7e2f0')

cap= cv2.VideoCapture(0)

font = cv2.FONT\_HERSHEY\_PLAIN

while True:

\_, frame = cap.read() decodedObjects = pyzbar.decode (frame)

for obj in decoded Objects:

#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()