***4th Assignment***

1. Implement an application using the stereo camera where it will recognize, track and estimate dimensions of an object within 3m distance and inside field-of-view to the camera. You can use barcodes or text recognition tools for identification. However, the entire object must be tracked (not just the barcode or text). Machine/Deep learning tools are allowed. Demonstrate it to work for one object at least. It can be a 2D object.

2.

Design an eco-friendly (try your best: as reusable as possible) “smart” business/visiting card (actual hardware) and an associated computer vision application using the camera provided. You can leverage depth information in your design.

I have written the code to detect a image from the continuous stream in the depthai and then have written qr detector which identifies the qr in the image and the opens the url in the chrome browser which is the actual qr value.