

In [1]:

```
import cv2
import os
import matplotlib.pyplot as plt
```

In []:

```
mainFolder = r'C:\Users\rj100\Downloads\RGB-img\new'
myFolders = os.listdir(mainFolder)
for folder in myFolders:
    path = mainFolder + '/' + folder
    images= []
    mylist = os.listdir(path)
    print(f'total number of images detected {len(mylist)}')

    for imgN in mylist:
        curImg = cv2.imread(f'{path}/{imgN}')
        curImg = cv2.resize(curImg, (0,0),None,0.6,0.6)
        images.append(curImg)

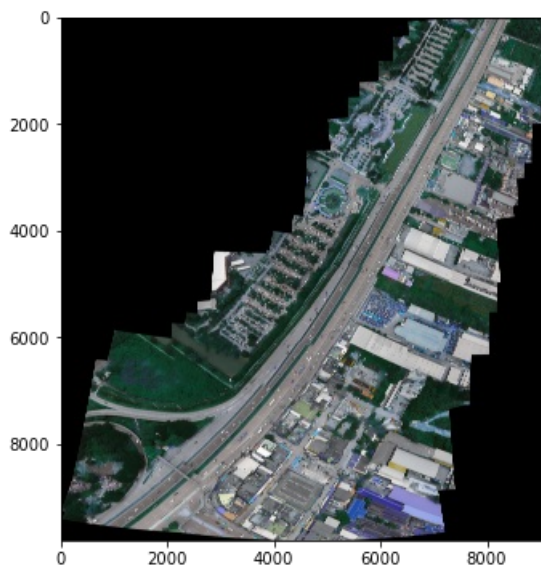
    stitcher = cv2.Stitcher.create()
    (status,result) = stitcher.stitch(images)
    if (status == cv2.STITCHER_OK):

        print('Panorama Generated')
        plt.figure(figsize=(6,6))
        plt.imshow(result)
        plt.show()

    else:
        print('Panorama Generation Unsuccessful')

cv2.waitKey(0)
```

total number of images detected 20
Panorama Generated



total number of images detected 5

In []: