**ASSIGNMENT 2- NETWORKING**

**15.11.2020**

SECURITY CAMERA ON OLD TABLET WITH EMERGENCY DIAL OUT

I know the name seems a little long but in principle it describes what it will be doing. I don’t have a landline and I want to create a way for my kids to dial emergency services if needed and also to ring either of us. I don’t wish to get them mobile phones just yet but I would like to give them access to emergency calls if ever required.

With this I want them to be able to view who is outside the house/ who just rang the doorbell from a touch screen 7” tablet. The idea is to have this touch screen available to the children to choose either to view the camera or make a call. I would prefer they check the screen to see who is outside before opening the door and if needed they can call us to tell us who is there.

I would like to integrate motion detection with the camera so that the screen comes on and displays who is there if I can.

I plan to us python to program the raspberry pi and I am thinking sublime text/pycharm. I plan to use just the raspberry pi and the touch screen tablet as my devices with the possibility of adding to it.