**Challenges:**

1) The setup took around 24+ hrs to make the installation and library build up according to our project,and it will be hard for us to modify resources involved in installation.

2) The raspberry Pi gets heated up after few minutes of operation.

3) The camera has an approximately 3s of delay on object move or view transfer.

(Actually there are multiple camera model options for us. All are available and their respective performances differ a lot. Some models come with higher detection speed but with lower detection accuracy. That’s a typical case of trade-off. And we choose the one with higher accuracy.)

4)The camera is only able to detect objects in a specific shape or characteristic.