Meeting Agenda (Week 9)

10th May 2019, 3PM – 4PM

Attendance:

Members	Attendance
Ben Li	Yes
Jiawei	Yes
Jireh	Yes
Jordan He	Yes
Jose	Yes
Link Geng	Yes
Minh Doan	Yes
Frederick Chew (Client)	Yes

Main objectives:

1. Demonstrate functionality of current device to client
2. Discuss critical issues encountered as outlined in the previous meeting

Points of discussion:

Demonstrate functionality of current device to client
Further suggestions:
- crop more of the top of image to remove more of ceiling

Discuss critical issues encountered as outlined in the previous meeting
Considering switching to a Linux environment:
- facial detection, sound DoA, sound capture will still be there.
- the client has stated that Windows and iOS are the predominant platforms utilised, therefore device use in a Linux environment is not really ideal.
- hardware is working effectively, although integrating all software is difficult
- computer does not recognise Raspberry Pi as a camera – there are no open source codes available to solve this, they are proprietary.

Final deliverable as discussed with the client

- Client recognises knowledge barrier for software and coding required that is outside the scope of this project, as well as current time constraint
- Proving that this device is feasible on a Linux platform as a proof of concept more than a complete prototype/product
- The device will have to enter another phase, perhaps for another project for students in a Software Engineering background. Things that still need to be worked on/improved
- The client would like to see it run on virtual machine on Linux to demonstrate that it is working
- Suggestion for a user guide; a single batch file including every code and functionality