

Meeting Agenda (Week 10)

17th May 2019, 1PM – 2PM

Attendance:

Members	Attendance
Ben Li	Yes
Jiawei	Yes
Jireh	Yes
Jordan He	Yes
Jose	No
Link Geng	Yes
Minh Doan	Yes
Frederick Chew (Client)	Yes

Main objectives:

1. Show poster to client
2. Show progress made to client

Points of discussion:

Project concerns

- Limited to Linux/Windows 7
- Overheating of Raspberry Pi due to requiring significant processing power
- There is some discrete angles in the sound DOA that cannot be picked up, therefore may jump to an inaccurate angle
- Lag time of about 300ms

Poster

Client is satisfied with poster visuals. He has outlined some recommendations below.

Client recommendation for future:

- Increase elevation of device so it will not overheat from extended use of Raspberry Pi
- Potentially add heatsink
- Perhaps remove face detection to reduce processing power and just rely on sound DOA
- Present a single module, in the project documentation recognise that the delay is caused by the hardware limitation which the client can only provide. Emphasise this limitation. Include recommendations/suggestions to be made for future teams to work on and improve.
- Minimise error of the sound DOA by increasing the size of the window