Meeting Agenda (Week 4)

18th March 2019, 1pm - 2pm

Attendance:

Member	Attendance
Ben Li	Yes
Jiawei	Yes
Jireh	Yes
Jordan He	Yes
Jose	No
Link Geng	Yes
Minh Doan	No
Frederick Chew	Yes

Main objectives:

1. Discuss and review current project progress with client
2. Show and detail Concept of Operations to client
3. Sign Con Ops with client and present team members

Critical decision made:

With the raspberry pi microprocessor already experiencing difficulty in processing for only two 720p cameras with 90 degree view, the need for a secondary microprocessor is becoming a consideration. Alternatively, the team must utilise cameras with a 180 degree view to reduce the required costs for several cameras.

Summary:

Client's requirements

Client has viewed the concept visualisation and expressed overall satisfaction with the presented model. Desired client changes/considerations include:

1. Relocation of the microprocessor/USB port to be placed lower towards the base of the model.
2. Audio input being further considered in the design ie. prevent model from blocking incoming audio.
3. Camera combined field of view; potential need for 5 cameras instead of 4 to allow for full 360 degree view, although this will increase the expenses for the project. Search for web camera model with wide angle view (180 degree)
4. High prioritisation of image stitching for camera/visual input
5. Develop a basic prototype to judge and consider further potential costs. eg. more processors, cameras if real time image stitching is not plausible
6. High importance for noise cancellation

Concept of operations

Client is satisfied with the concept of operations and has signed the document. Client expects for tasks to be completed on time with respect to the initial Project Timeline in order for the project to succeed.