Meeting Notes

***Meeting Agenda*** – Weekly meeting with the clients, Dr Macro Ernst, and Dr Hieu Nguyen and updating about the progress of the project.

***Meeting Attendance:***

Andrew Leong (u6283651)

Balaji Radhakrishnan (u7322353)

Levi Zhang (u6972739)

Yixin Lu (u7411857)

Zhengdao Zhou (u6706891)

Bhargav Ashok was absent due to personal reasons, The team was informed about this prior to the meeting.

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| ***Meeting Notes:*** | ***Meeting Duration ~ 60 minutes*** |

The meeting was in-person with a few members present online. Only one of the clients (Marco) was present during the meeting, and he was updated about the progress of the project as well as the progress for audit 2 requirements. The main topic discussed was about the team meeting with Chris Jones. Balaji informed Marco about the advice and topics discussed with Chris, and about the chipset that he recommended to use for the current limiter. The discussion continued to talk about the complications in the electrical circuit as well as Marco’s input on how to go about with the electrical circuit as well as his input on the ideas given by Chris Jones. The simulation software LTspice and MPLab Mindi were also discussed with Marco. The discussion then moved on to the software part where Marco discussed about experimenting with the camera settings in terms of the exposure times or compilation of multiple images to form the desired output. Levi talked to Marco about few components that he required to test the raspberry pi signal. Parts such as an LED and a battery, as well as a solid-state relay. A stretch goal that Marco suggested was polishing the prototype with a custom-built PCB, containing all the parts of the project, as well as an Arduino to show the amount of current passing through the limiter. Andrew briefed Marco about the progress of the system engineering part of the project, which is required for audit 2.

***Meeting Outcomes:***

1. Briefed the client about the progress of the project as well as the progress for audit 2.
2. The client was briefed about the meeting with Chris Jones. And the outcomes of that meeting were discussed.
3. Questions and feedback about the meeting with Chris jones were discussed and potential queries were noted down which will be discussed with Chris Jones when a new meeting is set up.
4. The progress of the systems engineering side was discussed.

***Current Deliverables[[1]](#footnote-1):***

1. Discuss with Chris Jones about the queries brought up during the meeting.
2. Finalize the software simulation for the current limiter in order to start sourcing required components.
3. Finish up the systems engineering documentation as well as update the landing page.
4. Software team will continue to work on the GUI and the linking of the GUI and the raspberry pi

1. Current Deliverables: Refers to immediate tasks that need to be performed prior to the next meeting. [↑](#footnote-ref-1)