Meeting Notes

***Meeting Agenda*** –Meeting with Chris to test the circuit and ensure it would work for a solar panel

***Meeting Attendance:***

Balaji Radhakrishnan (u7322353)

Bhargav Ashok (u7172176)

The other team member’s presence was not necessary since the physical circuit is being developed by the electrical team.

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| ***Meeting Notes:*** | ***Meeting Duration ~ 120 minutes*** |

The agenda for the meeting was to test the circuit prototype that had been built for the solar panels. For the purpose of this test, we would connect a bulb instead of a solar panel. The reason a bulb was used is because it would behave the same way as a solar panel also it would additionally tell us how much current is being passed through the circuit by the amount the bulb glows. Furthermore, we could control the test set up by adding or removing bulbs to increase or decrease the amount of total current we want to pass through the circuit. We were able to successful complete the test, initially we noticed some heating in our circuit, the reason for the heating was because one particular resistor had an inductance that was too high for the circuit. On replacing the resistor, the circuit was able to safely pass current without heating. Below is image showing the testing setup that was used to test the circuit and a final image showing the etest with solar panels.

***Meeting Outcomes:***

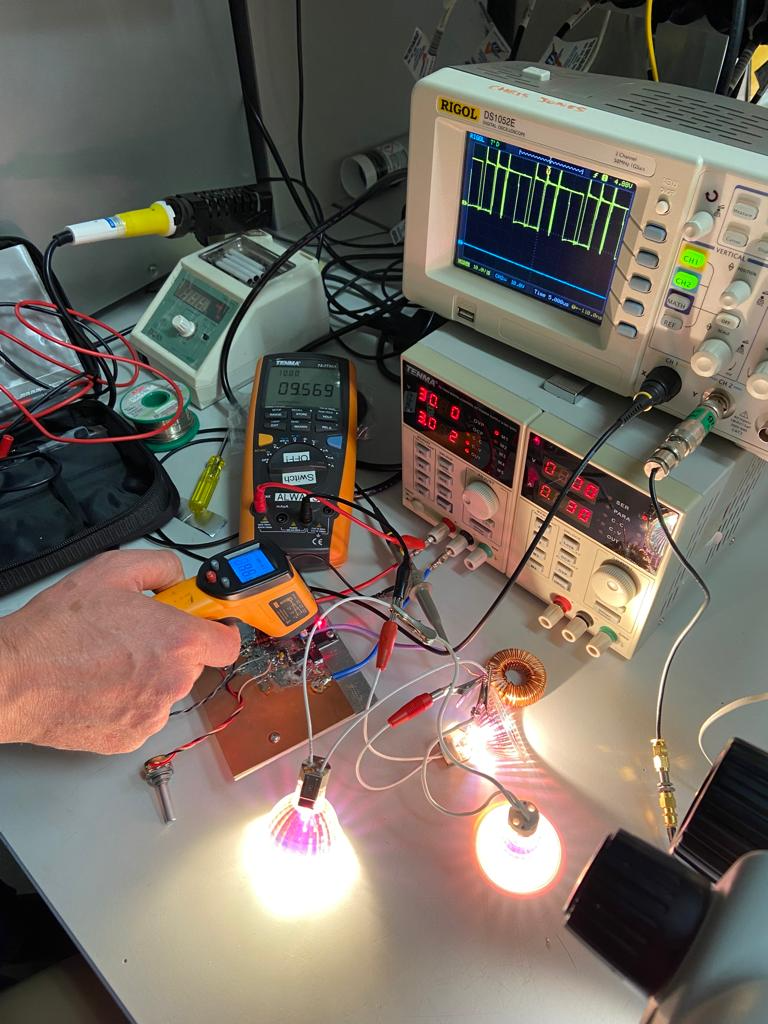
1. Completed circuit testing and identified issues
2. Resolved the issue, and was able to safely control and pass current through the circuit

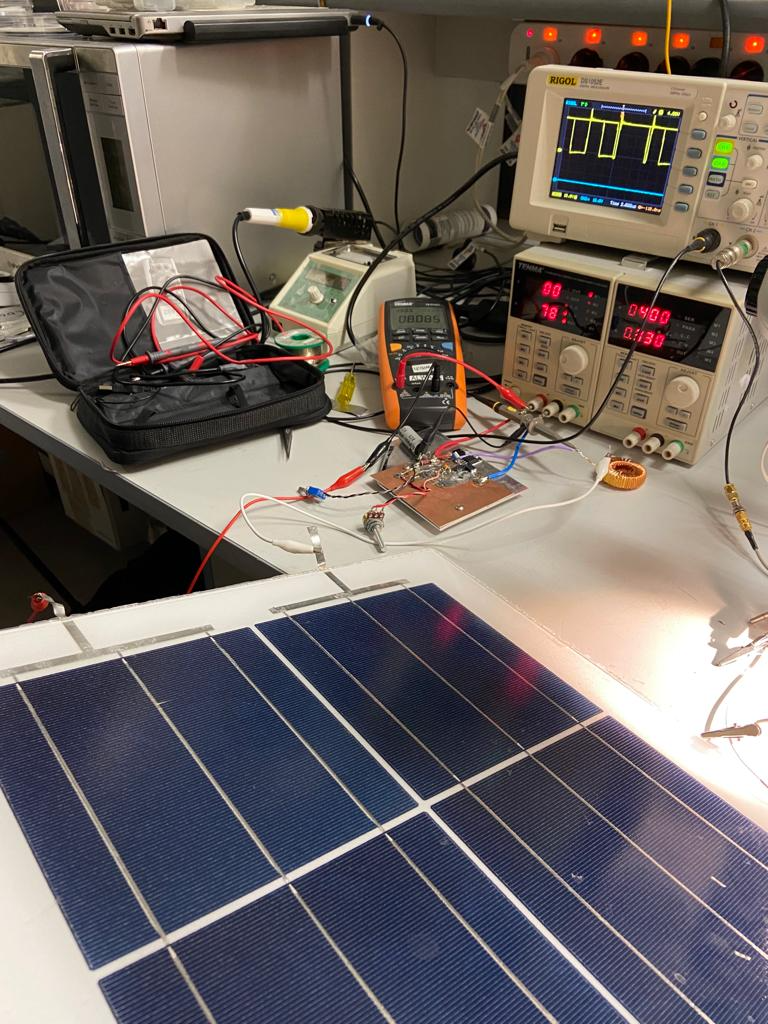
***Current Deliverables:***

Test the device with the EL setup and solar panels to obtain an EL image that can assessed to identify faults in solar panels

***Appendix:***

Below is an image of the testing setup

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