

EE/CprE/SE 492 Bi-WEEKLY REPORT 05

3/13/20 – 4/2/20

Group number: sdmay20-11

Project title: Design of a Charge Measurement Device

Client &/Advisor: Jacob Starr/ Long Que

Team Members/Role: Nicholas Wolf – Scribe, Internal Meeting Facilitator – Daniel Frantik, External Meeting Facilitator – Brandon Degelau, Test Engineer – Ben Buettner, Chief Engineer – Keagan Plummer, Report Manager – Colin Ishman

- **Weekly Summary:** This time period was mainly used to recover from the news that the labs will be closed for the remainder of the semester. This detrimental to our group because nearly the whole project was hardware related and all hardware development has been halted almost entirely. We will not be able to solder, test, order parts, or use software like Altium for the project now. So, we discussed amongst the group, with the client, and with our advisor about the future of this project.
- **Past Week Accomplishments:**
 - Discussed the future of the project
 - The client was understanding of the situation and the limitations that we are facing. So, they would like us to run P-Spice simulations. This will allow us to have a confirmation for our design. With this data, they will decide if they want to implement our design into their system.
- **Pending Complications:**
 - COVID-19
- **Individual Contributions:**

<u>Name</u>	<u>Contributions</u>	<u>Hours this Week</u>	<u>Hours Cumulative</u>
Keagan Plummer	Improved documentation on previous test and send results to clients. Discussed future of project.	7	116
Ben Buettner	Improved documentation on previous test and send results to clients. Discussed future of project.	7	116
Nick Wolf	Improved documentation on previous test and send results to clients. Discussed future of project.	7	114
Colin Ishman	Improved documentation on previous test and send results to clients. Discussed future of project.	7	111
Dan Frantik	Improved documentation on previous test and send results to clients. Discussed future of project.	7	117
Brandon Degelau	Improved documentation on previous test and send results to clients. Discussed future of project.	7	115

- **Plans for Upcoming Week:**
 - Begin P-Spice Modeling
 - Collect as much information as possible
 - Document this and testing for the client
 - Find best method to return Clients property
 - Components we had order before spring break
 - High Voltage Supply