

**EE/CprE/SE 491 WEEKLY REPORT 16**

**10/18/2022 - 10/24/2022**

**Group number: SDDEC22-01**

**Project title: Plastic Machine Embedded IOT Controller**

**Client & Advisor: Mark Hansen & Dr. Jones**

**Team Members/Role:**

**Stone Widder - Technical Lead**

**Joshua Baringer - Software Lead**

**Rachel Teberg – Team Lead / Recorder**

**Evan Pasero – Technical Support**

**Charles Sang - Controls Lead**

○ **Weekly Summary**

*This week we worked through some issues with the display, it is now working correctly. We tested more modules on the main board. We received the 5volt board and parts as well as additional main boards.*

○ **Past week accomplishments**

- Continued Display Testing – Josh and Rachel
- Continued running basic tests on the PCB – Stone, Rachel, Evan, Charles

○ **Pending issues** *(If applicable: Were there any unexpected complications?*

*Please elaborate.)*

○ **Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b> <i>(Quick list of contributions. This should be short.)</i>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Stone Widder	Tested main PCB board	5	64
Rachel Teberg	Helped with display and PCB testing	6	42
Joshua Baringer	Completed Display integration	6	51
Evan Pasero	Helped with PCB testing	3	41
Charles Sang	Helped with testing	5	37

- **Plans for the upcoming week**

**Joshua:** Touch integration, A few small tests on various components, complete bbb config set up.

**Stone:** Continue testing PCB

**Rachel:** Continue assisting with testing display and PCB

**Charles:** Reasearch AC monitoring IC's, help evan with testing

**Evan:** Solder and Test 5volt board

- **Summary of weekly advisor meeting**

At this week's advisor meeting we went through our updates and talked about a few issues we had ran into. We were told that we were making good progress. We were also told to be looking for small things we can work on while waiting for boards and parts so we are not wasting time.