

EE/CprE/SE 491 WEEKLY REPORT 6

04/01/25-04/08/25

Group number: 6

Project title: Wireless Data Acquisition (wDAQ)

Client &/Advisor: Avisehk Das and Manojit Pramanik

Team Members/Role: Rocco Yassini, Sam Foster, Jerry Liu, Merrick Czaplewski

- **Weekly Summary**

Due to information shared with the professors and the TA we did not accomplish much this week. The main point of contact and the main advisor for the project needed to leave due to family reasons and can not be contacted to continue work. The team is at a standstill due to the fact that the team is made up of only EEs and have very little knowledge and skill in the field of programming.

- **Past week accomplishments**

Rocco Yassini:

Merrick Czaplewski :

Samuel Foster:

Jerry Liu:

- **Pending issues**

- Rocco Yassini: Axes of ADC plot are inconsistent and keep changing so a larger waveform can not be analyzed. Working on editing code and alternative serial plotters to resolve this.
- Jerry Liu: Issues that remain unresolved include incorrect clock configurations, improper GPIO port settings, and poor external device connections that prevent the system from booting or running properly.
- Samuel Foster: Get another STM-link, continue to attempt formatting ADC output
- Merrick Czaplewski: Work with main point of contact has ended

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Member 1: Rocco Y	-	-	10
Member 2: Sam F	-	-	7-8
Member 3: Jerry L	-	-	8-9
Member 4 Merrick C	-	-	8

○ **Plans for the upcoming week**

Samuel Foster:

Merrick Czaplewski : Contact other professors to see if additional help could be provided for the project. Work with TAs and others to see if they have ideas on who could spare some time to help with the major spotting points. Reach out to the current group working on the hardware side of the project to see how far that team has gotten and reach back out to professors to see about the next semester.

Jerry Liu:

Rocco Yassini :