

EE/CprE/SE 491 WEEKLY REPORT XY

Start Date – End Date

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

(All the above information should be there in each weekly report. The format/color scheme etc need not be the same. However, please remove everything that is in a bracket from your final submission. These are just part of the template and need not be a part of the report.)

- **Weekly Summary** (Short summary about what the group did for the week. This should be about a paragraph in length. These are just a few questions to help you get started. What was the overall objective for the week? In general, what tasks were completed? Were there any changes made to the project?)

We met with our client/point of contact Avisehk Das. We got a comprehensive outline of what the project entails, what components and CAD software we will utilize and what our goals should be for each week. He instructed us for this first week to work on researching the microcontroller we will be using and how to use it to code. Particularly, figure out how to perform Analog to Digital conversions with it. It seems this coding learning curve will be important in completing this project.

- **Past week accomplishments** (Please describe/summarize as to what was done, by whom, when and, collectively as a group. This should be about a paragraph or two in length. Bulleted points are acceptable as well. Please keep only your technical details related to your project. Figures, schematics, flow diagrams, pseudocode, and project related results are acceptable, but please ensure that they are legible (clear enough to read) and to provide an explanation. If researching a topic, please add a few details about what was learned and how it is relevant to the project. If two or more people worked on a single task, be sure to distinguish how each member contributed to the task. Specific details relating to the assistance provided to other members may be included here. **Do not include classwork, such as individual reflection assignments, and group meetings as part of your duties.**)

- Team Member 1: Met with advisor for direction and first steps to take. Research the components we will be utilizing.

- Team Member 2: Met with advisor for direction and first steps to take. Research the components we will be utilizing.

- Team Member 3: Met with advisor for direction and first steps to take. Research the

components we will be utilizing.

- Team Member 4: Met with advisor for direction and first steps to take. Research the components we will be utilizing.

- **Pending issues** *(If applicable: Were there any unexpected complications? Please elaborate.)*
 - Team Member 1: Getting acclimated to unfamiliar software and hardware.
 - Team Member 2: Getting acclimated to unfamiliar software and hardware.
 - Team Member 3: Getting acclimated to unfamiliar software and hardware.
 - Team Member 4: Getting acclimated to unfamiliar software and hardware.
- **Individual contributions** *(Creating this section is optional, but it is **Required to include the “Hours Worked for the Week” and their “Total Cumulative Hours” for the project for each member somewhere relevant in your report. Your individual weekly hours should be at a minimum of 6-8 hours for this course. So please manage your time well. Also, ensure that individual contributions support your claim to the weekly hours. Be honest with the reports.***)

<u>NAME</u>	<u>Individual Contributions</u> <i>(Quick list of contributions. This should be short.)</i>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Member 1: Rocco Y	-Researching the new microcontroller we will be using. Obtained the software needed to interact with it.	1-2	1-2
Member 2: Sam F	-Researching the new microcontroller we will be using. Obtained the software needed to interact with it.	1-2	1-2
Member 3: Jeri L	-Researching the new microcontroller we will be using. Obtained the software needed to interact with it.	1-2	1-2
Member 4 Merrick C	-Researching the new microcontroller we will be using. Obtained the software needed to interact with it.	1-2	1-2

- **Comments and extended discussion** *(Optional)*
Feel free to discuss non-technical issues related to your project.
- **Plans for the upcoming week** *(Please describe duties for the upcoming week for each*

member. What is(are) the task(s)?, Who will contribute to it? Be as concise as possible.)

We are meeting with our advisor and client. We are learning the software language for the STM microcontroller.

○ **Summary of weekly advisor meeting** *(If applicable/optional)*

(Provide a concise summary on the contents and progress made during the advisor meeting.)
We did not meet with him this week because our meetings are bi-weekly and we met with him last week.

Grading criteria

Each weekly report is worth 10 points. Scores will be awarded as follows:

- **8 – 10:** Progress for your project seems to be suitable. Documentation and hours reported by team members are adequate.
- **6 – 8:** There is scope of improvement both in your report and your project progress. Can consult with instructor/TA after class for further inputs.
- **< 6:** Please talk to instructors/TA after class hours about any difficulties that you/your team is facing.

Each weekly report should be unique in that they have a unique set of supporting details for your contributions. So please do not just copy your reports from the previous week. In addition, please avoid any personal pronouns (he, she, I, you). Try to keep your reports as neat as possible.