

sdmay18-22: Adaptive Wireless Wearable Neuro-Stimulator**Week 3 Report**

September 16 - September 22

Team MembersKevin Wang — *Meeting Facilitator*Kevin Simons — *Kevin Simons*Matthew Stephenson — *Report Manager*Patrick Walsh — *Communications Manager*Brian Weber — *Chief engineer***Summary of Progress this Report**

Due to the private intellectual data for this project, we verified what agreements we need, and signed plus sent both the NDA and Intellectual Property forms to the client to sign.

Worked on the project plan, which should give us a high level overview of our project. This plan can then be used as a briefing for anyone that wants to learn about the project, as well as giving us a more concrete plan into what work we need to do to complete the client's request.

Data investigation is ongoing, in addition to the ascii text on the drive there is also Matlab and binary files, which we think are the raw data for the ascii information, plan to discuss with client about the data at next meeting.

Pending Issues

Figure out data meaning and how to best visualize

Continue research on hardware parts

Plans for Upcoming Reporting Period

Look into sensors

- ☐ The device requires a lot of sensors attached to a wearable
- ☐ We are needing to find devices with the correct form-factor, power-consumption, and performance balance

Continue looking into data visualization

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Kevin Wang	Attended Meetings, worked on the format of the project plan, writing the conclusion, and making sure the whole report is consistent, NDA and intellectual forms signed	3	9.5
Kevin Simons	Attended meetings, continued investigation	5	12.5

	into the given data. Worked on the design portion of the project plan, which included creating a block diagram and documenting all the ideas we have investigated so far, git rules, and website.		
Matthew Stephenson	Continued looking into data. Worked on the introduction and deliverables section of the project plan, which involved aggregating the requirements given to us by the client in order to put them in a consumable format. Wrote the status report. Started planning project. Attended meetings	5	12.75
Patrick Walsh	This week I sent the required forms to be filled out to the client, helped the client over the phone to sign the forms sent, attended all meetings, and filled out the project requirements and specifications, including both functional and non-functional requirements and also the standards that we will follow while completing our project.	5	13
Brian Weber	Attended meeting and made the challenges and timeline section of the project plan. This involved working with Pat to create a Gantt chart for our deliverables for the next year, and identify any possible challenges our team may face.	4	10.5