# INDIVIDUAL JOURNAL (9/13)

On the 1st week of the class, we started to talk and get to know about each other and know what type of ideas we all had and was eager to show to the public. And in the same time we decided that we will be a team and go forward with it. On the 2nd week we had a meeting, we came up with the name "Raider" and discussed many more ideas but we came to conclusion that we would try to invent an Electronic Board and eliminate chalkboard and whiteboard. But the problem with this idea was there were some doubts if the idea would be successful or risky. So, we decided to talk about it again. But on the 4th week we decided to present to the whole class the idea and to see how the feedback would be so that would give us an idea on what should we expect but we started to get so many questions and some doubtful comments which lead us to realize we will have to come up with a backup plan. So, we decided we will have a meeting with coach Allen and try to see if there are any backup or try committing to one of the Lorawan projects. Within the beginning of week 5 we will be have a meeting with Coach Allen and to discuss about the available project there are so we can come to a conclusion and start off with the project in the same week.

# INDIVIDUAL JOURNAL (10/30)

Within a short period of time a lot of things has happened to every individual in our team. As we were performing well for our presentation and gathering more information regarding the concussion helmet things kind of went down the hill when the official grade assessment came along things got little bit more stressful for every member. After getting over the exam, we still met up during team meetings and discussed but however one individual from our team that's part of EE didn't contribute properly because we were informed he was ill. But as time went by and we had some assignments to complete, we couldn't properly finish it up and submit it on time due to not hearing any responds. As time went by our assignment was submitted late and we tend to find out our fellow EE member has dropped out of the course due to personal reason. This led us to have another massive task on our shoulder due to one missing team member. In the very recent team meeting, we all talked and discussed on what should be done and what should we do and come to a conclusion but all we were able to do at this point was rearrange what needs to be done and relocate and re plan the whole module. So, every member will get to do their task in the project and some extra work. On the same day of the meeting we ordered some of the gadgets and sensors for the helmet and we are waiting till it arrives so we can get started with the small model.

# INDIVIDUAL JOURNAL & PROJECT REFLECTION (11/13)

This course and the whole idea of creating a project with team members of different field has been a great experience and journey throughout the whole semester. This made me learn more about my field and further more it let me to be exposed to the Electrical Engineering world and allow me to do the "on hands" work. Which is a great way to get me prepared to the outside world once I graduate from University. Working on the Concussion helmet was a great way to know more about my team members and same time let me get more knowledge about their way of doing things and how I do stuff. Concussion helmet was not an easy task, it takes a lot of software and proper coding in order for it to function properly and accurately. This was a great way to test me and my skills on what I have learned through out my entire life in university.

Throughout the past few weeks we have been working on the sensors and accelerometer. These past Friday, Julian, Dallas, Ali and myself started to do tests on it and started to work on the software side of it. It wasn't an easy task. So far, it hasn't been completed yet but we are still working on it to get to an accurate level. This has been a tough challenge for every member of the team. With one team member dropping the course and not communicating with us about it. This has lead to us to be more aware of the product and be more concern towards each other in order not to be behind in the work. Hopefully, by next week we will have the software all set up and we will start doing testing with the helmet and gather all the values and data that will be outputted.