Work package

We will have to get the device to be completed and active next semester. Also, having most of the things that I'm thinking of, and I will mention them down below.

- Implementing a battery life.
    - Our device has a battery that runs the adafruit the battery doesn't have anything that show the battery life, so I was thinking of adding a light that can tell us if the battery is going to be charged.

- Chargeable battery.
    - we are going to either add a charging device that can be connected to the battery and charge it or replacing it with a battery that does come with a charger.

- Changing the breadboard to PCB.
    - The breadboard is a good board, but I was thinking that the PCB is a thinner board. That allow the sensor to detect the hit and reads the hit accurately.
    - It would be easier to implement the PCB inside the helmet since it's a thinner board

- Cover everything with a cushion.
    - Covering the circuit and the board with cushion will allow the player to feel more comfortable when they wear the helmet.

- Transfer everything to a football helmet.
    - As of now we are using a bicycle helmet for the prototype. We will buy a football helmet next semester and attach everything to it.

- Adding another sensor.
    - We will see if adding another sensor will increase the accuracy of detecting the hit. If we found out that adding another sensor will increase detectability, we will add it.