

WORK PACKAGE

In the Spring semester of 2022 we will be coming into completion of the concussion helmet. The following tasks is going to be mentioned and is required into bringing the product into safety manner and effective to the environment and the individual wearing it.

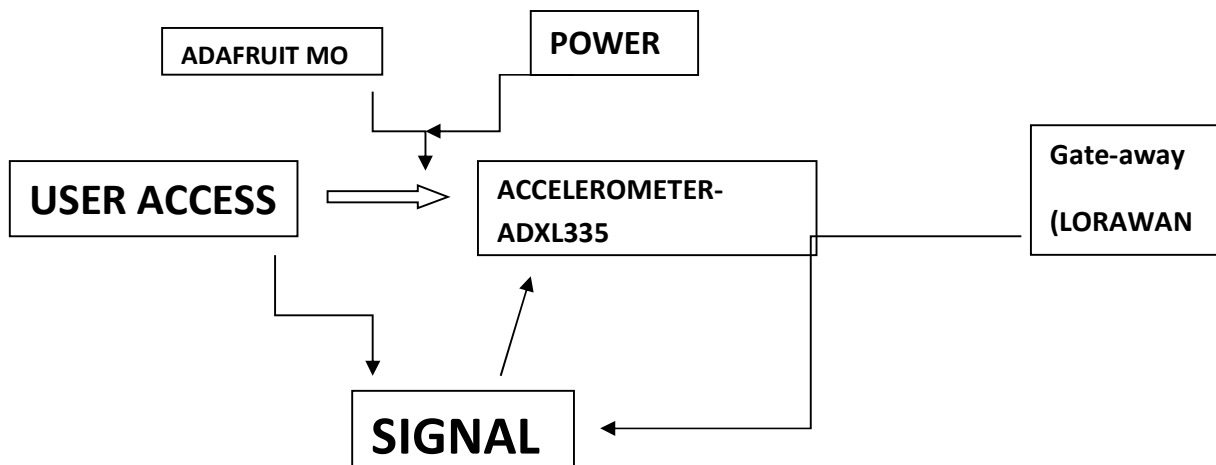
Design:

- The helmet should have a good design which will attract the buyer into buying it. Having a good design means more sales and will be beneficial to the company or business man. This will start creating revenues and same time more sales for an actual game during the season.
- Sometimes the design will help the player avoiding the injury or concussion.

Power:

In order to power up the helmet and get it working there should be a power source and a battery will do the trick in order to power up the whole module. Same time recharging the battery will be convenient for the individual using it.

Graph:



Function:

- This product works with battery. The way this product function the sensor is going to detect the number of hits or damages that will hit the helmet cause data and values to be transferred to a monitor in order for the individual to track down and be aware who, what, how the football player got injured. This will allow the medical staff to take immediate action towards the incident before things get severe.
- Once the signal has been sent by the user it will go through the ADA fruit towards the accelerometer allowing its to be transmitted through Lorwan gates so data will be saved and easier to keep of track.
- This whole process is like a 3 step process which is a easy and convenient way for everyone. So, no one will have a hard time in using the module.

Finances:

- Our other target is the financial side in order to order the parts and construct the project together. We have decided to do everything according to the manual but making sure every item will be under-budget. So, this will allow many business man to do good business for an affordable price.

Currently we are working on getting the software constructed without bugs and let the product run smoothly. For the following semester we are planning to buy an actual helmet and work more on the software and add few more plug-ins and gadget to make sure the helmet is comfortable for an player's head and same time to get the values and data in real time.