

Meeting Minutes for 10/2/2020

Jake figured out the wiring, that the red and white wires are 5v and ground and the other 6 are the sensor wires.

We then talked about adding in ground slots for the wires, and discussed testing to reduce wires. We also discussed that a possibility for making it wireless would involve adding a microSD slot to make it at least a standalone device.

We talked to Kiran and he knows a student who was on last years team and he told us that he would talk to him and see if he could join us for the next team meeting (10/8/2020).

We decided that the number of electrodes that we would need would be 9, 2 for each of the 4 lobes, left and right sides, and 1 for the reference which will be placed behind the ear.

We confirmed that moving forward we will work on the wig cap design for the human edition. To accomplish this we will utilize a neoprene scuba suit hat and stitch in the electrodes to help apply even and full pressure.

We discussed having a backpack design for the rat, since the whole setup would not fit on the rats head.

We still need to work on the problem statement for our project.

Kate and Mohamed will look into other DIY headsets to see if we can learn anything from the designs they have.

On snapshot day we will split up based on mini teams (i.e. design, circuit, and software teams).

Shubhangi will remind us of upcoming big dates for the semester.

We double checked the portfolio, Mohamed will update and Jake will work on the Problem Statement.

For the powerpoint, it will be 1-2 slides per subteam, Max will make the presentation and share it with us through the portfolio so we can all edit. The next team meeting will be in GJ again.