Attendance : everyone

5/02/19 Thursday

Meeting with Evan

* We did 3rd order of PCB but because of international workers day the delivery is delayed
* Our poster is almost finished is almost finished and we added professor Carriero’s suggestions of adding project spec with prior art
* We talked about the price of the actual market tDCS compared to our tDCS
* Find out how much is 1x1 is worth
* Final poster due by Tuesday
* Monday late afternoon is final time to send the poster to Evan to receive feedback
* Turn the picture into a diagram on the poster. The diagram will show the whole device but arrows will come out from each components ( Headgear, Electrode, Circuit) and will explain it further
* The concentration montage was successful but for the depression the impedance is still not low enough
* Safety circuit→ measures voltage across head
  + We could use electronic that measure resistance but we don't have enough time before BME day and it’s also too costly
* If the problem with depression montage still does not get resolved , focus on finishing the montage that works which is the concentration montage
* For future direction of the project we can try the montage with different type of hats

Tasks:

Headgear group (Eric,Carim,David ) :

* Use gel on electrode to see if the impedance can be reduced for the depression montage
* Make a circuit box for functional prototype
* Finish all the testing related to concentration montage
* Finish the poster and send it to Evan and professor Carriero for feedback
* Put everything together by mounting the circuit to the hat

Circuit group (Rad, Shalih) :

* Use NI mydaq to test the ramp
* Put the finishing touch on the functional prototype
* Debug the new PCB when it come for any problems
* More circuit calibration with arduino coding and set up the buzzer
* Put everything together by mounting the circuit to the hat