Attendance : everyone

4/18/19 Thursday

Meeting with Evan

Evan suggested we use an headphones jack for Connecting the electrode and our circuit. The team raised an issue about the jack not be rated for such an high voltage (safety reason).

Quick updates on the new PCB design. Planning on ordering before the week run out.

• Rad talked about new pcb was meant to solve heat distribution. Cleaner form of our design and easy to make multiple witching a range of time.

• We also talked about update on programming of the Arduino/ATtiny.

• Evan suggested concerning the strap discomfort.

• We can say future testing will include a more comfortable strap.

• We talked about the box and battery accessibility

• More suggestion was made on mounting the box on the hat

◦Velcro strap

◦Glue it on the hat

• rad talked about having problem positioning with screws on the circuit

◦Evan suggested using image j and scaling

Tasks: over the spring break

Headgear group (Eric,Carim,David ) :

* Velcro strap and Glue it on the hat
* Finding more comfortable strap to test
* Reduce the resistance of the concentration montage and depression montage.
* Start testing comfortability on 20 people
* Usability test for hat→ instruction→ give the hat to the people→ checklist
* Work on the BME day poster

Circuit group (Rad, Shalih) :

* Circuit calibration and arduino coding for ramping and safety
* Designing new PCB to solve heat distribution
* Using image j and scaling the circuit box
* Work on the BME day poster