

## Client Meeting 10-6-2020

We quickly discussed what was in the Agenda.

The Emotive device is now available from Dr. Kumar. If we need to make comparisons later, we can subscribe to their service for a month in order to validate our findings. Kate said she would pick the device up tomorrow 10/7/2020 at 10:30 am. We will need to pick up some saline solution, which can be purchased from Walmart.

We discussed the hydrogel and Dr. Kumar informed us that if we have any questions at all we could speak to Matt Bernards (hopefully I'm spelling his name right here, we forgot to ask). There is also an alumni from WSU who worked more with integrating hydrogels and electronics that we could speak with if we needed to, his name was Haluk Benal (again, we forgot to as spelling).

Jake will send the link for the neoprene to Max to purchase.

Another test that could be used for testing the device could be color association, showing a color and observing the brain pattern.

Dr. Li talked to us and informed us that for the portfolio check coming up, we could see the rubric on the capstone page if we needed more info.

The official meeting ended here, but almost everyone stayed to talk with Pat Blount.

Talking with Pat, he mentioned that he would like the device to eventually have an interface similar to scratch or snaplinks where the student could easily move diagrams around in order to build their code, so that they don't have to have a full grasp on code yet.

Kate mentioned that we could have a program that might predict what the students were thinking about by referencing a library built into the code in order to get the students interested.

We mentioned briefly that we do have access to last years locker. Then we talked about updating/upgrading the code from 2 years ago, as the backyardsbrains program is very glitchy and unreliable.

Dr. Kumar mentioned that he would like to see if the device could be used to move a physical toy car in the analog domain without having to move to the digital domain first, i.e. almost direct control over the car and making fluid motions.

Dr. Kumar reiterated that there is a program in Matlab called Simulink which functions very similar to scratch, which would be ideal for highschoolers with limited knowledge of code.