

Meeting with Nate 11/1/2018

6:00pm-7:00pm

Status:

- Met with Electrical Engineering members
- Met with client to update him on the project and see if the design was to his satisfaction.
- Analysis method is being completed by each team member. Updates will likely be completed over the weekend or through the week.
- Bios were given to Janelle to add to the website. Meeting minutes were updated

Nate's opinion and questions:

- Likes the idea of an arm with more control.
- Likes the idea of the haptic feedback component. Possible additions include vibrations
- Discussed potential meeting times.
 - i) Payroll and deadlines are an issue
 - ii) Advanced notice is a must for future meeting
 - iii) Likely there will not need to be that many meetings for measurements and updates with Nate
- Possibly need to change the control from foot to full arm movement. Is open to the idea of foot control
- Voice activation is a potential possibility. Could have a set of demands to place arm in position
- Potential additions and problems:
 - i) Thumb movement provides a possible issue
 - ii) Weight distribution
 - iii) Strength and customization
 - iv) Would like black and blue for color of the arm (blue for cuff and fingertips) Black for most of the arm
 - v) Grip for fingertips and palm. Possible materials include rubber.
 - vi) Dexterity
 - vii) Laser pointer and flashlight as a possibility
 - viii) Would like it to be used for everyday activities- tie his shoes, open or close a jacket (pinching movement and ability)

Future endeavors:

- Set up new meeting with Dr. Winfrey and electrical engineers to discuss next steps, CAD, Prototypes, and mind-mapping technique.
- Bio, Meeting minutes, and other additions will be added for the website