

NEUROTOUCH MEETING MINUTES

17 November 2016

Instructor Meeting

Attendance

Team

1. Christina Gibbs
2. Matt Harlow
3. Brendan Souvenier
4. Christina Gibbs

Instructor: Dev Shresthra

Client: Dr. Maughan

Meeting start: 4:00PM

Brooke will be gone

CURRENT BUSINESS

1. Acoustic Meeting from Matt
 - a. Dr. Anderson with acoustics for US.
 - i. Should work on figuring out the spot size and consider how it effects with convolutions
 - ii. Matt will meet again to look into material considerations.
2. Portfolio Review
 - a. Need to add wiki information
 - b. Tech data sheets
3. Mazen transportation equipment
 - a.
4. Coding update
 - a. Sampling rate?
 - i. Consistent measurement not average.
 1. Pull one every ten
 - b. Should do dry run-test each sensor to test resolution with paper and ruler/micrometer
 - i. Hysteresis effects
 - ii. Noise
 - iii. Mazen and Bryn
5. 3D print of brain surface to see how convolutions affect distance measurement
 - a. And find a way to correlate spot size with error.
 - b. Get scans 3D model from Bryn
 - i. Christina
6. Force sensor is in
 - a. Brendan will pick up tomorrow

7. Friction

- a. Calibration for friction- is needed
- b. Angle too?

Meeting Adjourned: 4:40 PM