Weekly Report Template

Date: November 19, 2012

Project Name: Football Helmet Accelerometer System

Group Number: 17

Group Members: Seth Bensussen, Naomi Ebtein, Amanda Pavlicek

Current status of project: We are working on the normalizing algorithm for the helmet accelerometer system and beginning our third paper.

Work completed in the last week: We have been emailing Marc regarding getting data for the accelerometer. We were going to try testing with 5/8” padding but decided to stick with the ½” padding since there would not be a significant improvement with 5/8” and we already have data for ½”. We also met as a group regarding the third paper and determined what material properties of the helmet we needed to get from Marc. Finally, we scheduled a meeting with Professor Thoroughman to discuss methods for coming up with a normalizing algorithm.

Work planned for next week: We plan to meet with professor Thoroughman to discuss a normalizing algorithm and start working on curve fitting the data in MATLAB. We also plan to begin writing the third paper.

Anything needed from client or TA or instructor to continue work: Data from the completed tests as it comes in.