Week	Ahmed	Hai	Thanh	Todd
Jan-4	Learn about IOS Apps	I am in Viet Nam	Researching on EMG	Research EMG, fabric electrodes
Jan-11	Made a simple app with basic things such as a table and some text, learned about EMG signals	Research FFT	Collecting data for push up and curl exercise	Discussed project options with team, more research on EMG and exercise
Jan-18	EMG Research	Implement fatigued detection algorithm based on research paper	Researching on what we can do with EMG	Slides for portion of semi-final powerpoint, MATLAB research/work on signal generation and processing
Jan-25	semi-final preparation	Prepare for semi-final	Creating ppt for semi-final Practicing presentation	Prepare for semi-final presentations
Feb-1	Semi-final presentation		Doing semi-final presentation	Worked on updating requirements document and selection matrix
Feb-8	Documentation, flow charts..		Collecting isometric and non-isometric exercise Using MATLAB to detect muscle fatigue	Created main project document
Feb-15	Documentation, flow charts..	Using MATLAB to detect muscle fatigue Asking professor James MCnames for help	Using MATLAB to detect muscle fatigue Asking professor James MCnames for help	Revise project document, created test plan, worked with MATLAB and FFT
Feb-22	Alternatives to detecting fatigue reseach	Meeting with professor Gary to talk about EMG	Meeting with professor Gary to talk about EMG	Met with Gary, read more papers on the topic of measuring muscle fatigue
Feb-29	Alternatives to detecting fatigue reseach		Impleting the algorithm for detecting muscle fatigue in time domain and testing it	
Mar-7			Creating test plan Testing algorithm for detecting muscle fatigue in time domain	Fabricated electrode sleeve
Mar-14	Finals week	Reading data sheet for MinnowBoard MAX and Intel Atom E3800	Reading data sheet for MinnowBoard MAX and Intel Atom E3800	Finals Week, studying
Mar-21	Swift learning, Expanded knowledge on swift language and how to design apps with multiple windows	Install linux ubuntu operating system on MinnowBoard	Working with MinnowBoard MAX	Electrode sleeve testing
Mar-28	finished making a simple app with bluetooth	Research Bluetooth communication	Updating the main program of our project Installing TeraTerm Comparing TeraTerm log with oscilloscope	Developed experimental setup and created first draft of Bluetooth UML document
Apr-4	Modified dropdown list to radio buttons in the app for all view controllers, Started working on transferring data between arduino and iPhone	Write code bluetooth shield can detect and connect to the iPhone	Borrowing oscilloscope from prof Wong Installing necessary drivers and testing the oscilloscope	Tested electrode sleeve with experimental setup and created Arduino/iPhone interaction diagram
Apr-11	Helped set up testing the wearable and getting data for next week, Ordered new bluetooth 4.0 sheild for arduino	Documentation about how bluetooth work	Writing Arduino code for testing experiment Adding timer library for creating 1KHz sampling	Created alternative electrode sleeve, began porting algorithm to MATLAB, revised testing plan
Apr-18	Got bluetooth communication working, App is done and ready to communicate with the BLE Shield, collected data at rec center	Collected data at the rec center	Collecting data in REC center Updating document for Arduino and GUI	Collected data at the rec center, finished porting algorithm to MATLAB
Apr-25	Bluetooth document of UUIDs, Hand shaking in bluetooth is achieved	Discuss with Thanh about overall bluetooth communication with ADC sensor	Testing current Arduino code with button interrupt	Developed batch processing system in MATLAB to analyze our collected data sets
May-2	Completed coding the app	Working with Thanh to add bluetooth functions into the main program	Working with Hai to add bluetooth functions into the main program	Worked with Hai to modify and analyze batch processing retults
May-9	Some modifications to the GUI, getting rid of the first window after successfully establishing a connection between iPhone and Arduino. This is to prevent the user from accidently going back to the bluetooth list	Working with Todd about Matlab to find baseline and threshold value	Working on poster Updating flowcharts in the documents Implementing iosmetric exercise on Arduino	Collected more datasets, working on poster
May-16	Voice pitch research, started working on poster	Fixing bugs in the main program	Working on poster Updating flowcharts in the documents Fixing bugs in the main program	Fixed error in batch processing and re-ran, worked on poster
May-23	Test app and get ready for demo, Poster corrections	Fixing bugs in the main program and get ready for demo	Working on poster Updating flowcharts in the documents Fixing bugs in the main program	Fixed error in batch processing and re-ran, worked on poster