Master The Bass Timesheet

Week Commencing:	04/02/2013		
Name	**Task Name**	**Description of work**	**Requirement number**
Luke Mitchell	Accelerometer changes	Inverted effect of accelerometer on LPF	N/A
	Sound generation	misc. work on sound generation	N/A
Stephen Rogers			
Guy Howcroft			
Ricky McGeehan	Accelerometer changes	Inverted effect of accelerometer on LPF	N/A
	Sound generation	misc. work on sound generation	N/A
Petro Tyurin			
Jon Rankin	Sensor	Worked on tilt functionality	N/A

Week Commencing:	11/02/2013		
Name	**Task Name**	**Description of work**	**Requirement number**
Luke Mitchell	Meeting	N/A	N/A
	Synth	Began work on synthesizer application	N/A

	Synth	Continued work on synthesizer prototype, investigated oscillators and LFOs	N/A
	Synth	Continued work on synthesizer prototype, sound working well and oscillator/LFO implementation in place. Low Pass Filter and Amplitude can now be modulated. Filter superclass has been changed (in prototype) to allow a filter to be applied with an attached oscillator. This implementation is to be defined per-filter.	N/A
	Synth	Continued work on synthesizer prototype. Code now mature and working well. No known bugs. Fixed bug in Low Pass Filter where amplitude was being reduced by a factor of ~5.	N/A
	Synth	Migrated code from synthesizer prototype to main trunk. Sound on trunk is intermittent when a filter is applied. Attempting to track down this bug.	N/A

Name	Task Name	Description of work	Requirement number
	Synth	Implemented a mixing algorithm to play multiple sounds from different sources. This was added to Synth prototype. A bug has been identified where the audio being played is not consistent when being generated from a thread different to the main one.	N/A
Stephen Rogers			
Guy Howcroft			
Ricky McGeehan	UI	Design new UI with on-screen filter pads	N/A
	UI	Design bracket for speaker	N/A
	UI	New logo improvement	N/A
Petro Tyurin	New UI design	Initial design of the main screen	N/A
	Double Slider	Fixed Double Slider	N/A
	Filter toggle buttons	Adding filter buttons functionality	N/A
Jon Rankin	Sensor	Imroved tilt functionality	N/A

Week Commencing:	18/02/2013		
Name	**Task Name**	**Description of work**	**Requirement number**
Luke Mitchell	Reasearch	Research into tone generation	N/A

	Audio Playback	Created prototype AudioTrackTest which plays consistent, good quality audio	N/A
	Synth	Modified Synth prototype to create consistent audio, ensured UI remains responsive	N/A
	Update Trunk	Migrated code to Trunk, added more waveforms, ensured all audio uses doubles and not floats	N/A
Stephen Rogers	Calibration	Looked into using accelerometer calibration to give more useful values.	N/A
Guy Howcroft	Research display resizing	Research display resizing	N/A
	UI	Implement new UI	N/A
Ricky McGeehan	UI	Resize UI for use on tablets	N/A
	UI	Chopping up components of new UI into individual elements and saving them as PNGs.	N/A
Petro Tyurin	UI	Fixing UI layouts	N/A
	Touch functionality	Adding sound-on-touch functionality	N/A
Jon Rankin	Unknown	Unknown	Unknown

Week Commencing:	25/02/2013		
Name	**Task Name**	**Description of work**	**Requirement number**
Luke Mitchell	Meeting	N/A	N/A
	Recording functionality	Started work on recording functionality, put callbacks in place and modified FileManager class	N/A
	Recording functionality	Ffinished the majority of the recording code, popup menu now works, filename can be specified and the buffer wont overflow.	N/A
	Meeting	N/A	N/A
	Synth	Integrated Low-Pass Filter with Synth prototype, tidied up filter code	N/A
Stephen Rogers			
Guy Howcroft	Settings Menu	Added new pictures and resized for buttons	N/A
	Settings Menu	Added help manue and fix enable/disable filters	N/A
	Merged code	Merged code and changed record button	N/A
	Embedded font	Attempted adding embedded font	N/A

Name	Task Name	Description of work	Requirement number
	Settings Menu	Added embedded font and changed Settings menu	N/A
Ricky McGeehan	UI	Resizing and changing the Settings Menu with new revised UI (+"chopping up").	N/A
	UI	Extra changes to new Settings Menu.	N/A
	UI	Making app icon.	N/A
Petro Tyurin	Adjust touch functionality	Getting correct touch values	N/A
	Resizable UI	Making UI resizable	N/A
	Filter Buttons	Filter button fixes	N/A
Jon Rankin	Unknown	Unknown	Unknown

Week Commencing:	04/03/2013		
Name	**Task Name**	**Description of work**	**Requirement number**
Luke Mitchell	Filters	Added ocsillating filters	N/A
	Bug fixes	Bug fixes and general clean up of code	N/A
Stephen Rogers	New Sensor Code	Investigated and implemented new sensor code which can be implemented into the existing app. Include option that allows for calibration when the user holds the phone	N/A

Guy Howcroft	Settings Menu	Changed filter drop down boxes to match main screen	N/A
	Settings Menu	Improved the settings menu	N/A
	UI	Improved settings menu and main screen	N/A
Ricky McGeehan	UI	Makng icons for each waveform	N/A
Petro Tyurin	Settings Menu	Redesign Settings menu	N/A
	Improvements	Vibration functionality and slider improvements	N/A
	Code clean up	Removing unused code	N/A
	Increase efficiency	Change menu code to make loading Settings faster	N/A
Jon Rankin	Unknown	Unknown	Unknown

Week Commencing:	11/03/2013		
Name	**Task Name**	**Description of work**	**Requirement number**
Luke Mitchell	Sensor code integration	Worked with Steve (mainly) and Jon to get sound working with Tilt sensor. This will not integrate with the trunk currently.	N/A

Name	Task Name	Description of work	Requirement number
	Intergration and clean up code	[1] Integrated audio code with main trunk. [2] Fixed bug in record where silence was buffered if the playback queue was full. [3] Removed warnings	N/A
Stephen Rogers	Sensor code integration	Worked with Luke (mainly) and Jon to get sound working with Tilt sensor. This will not integrate with the trunk currently.	N/A
Guy Howcroft	Improved UI	Added icons and waveforms and improved settings menu	N/A
Ricky McGeehan			
Petro Tyurin	Text Changes	Various fixes of text display	N/A
	Settings menu changes	Improved Settings menu layout	N/A
	Help Menu	Added text to help menu	N/A
Jon Rankin	Unknown	Unknown	Unknown

Week Commencing:	18/03/2013

Luke Mitchell	Calibration	Integrated calibration for sensors into UI	N/A
Stephen Rogers	Filters	Investigated new filters to implement	N/A
	Calibration	Integrated calibration for sensors into UI	N/A
	Meeting	Total Meetings	N/A
	Time Sheet	Created Gamma Timesheet	N/A
Guy Howcroft	Meeting	Total Meetings	N/A
	Presentation	Made Presentation	N/A
Ricky McGeehan	Meeting	Total Meetings	N/A
	Presentation	Made Presentation	N/A
Petro Tyurin			
Jon Rankin			

Time Taken (hrs)	Git commit #
2	N/A
3	N/A
2	N/A
3	N/A
	N/A
10	N/A

Time Taken (hrs)	Git commit #
1.5	N/A
2	N/A

3	N/A
4	N/A
4	N/A
4	N/A

Time Taken (hrs)	Git commit #
3	N/A
3	N/A
1	N/A
1	N/A
12	N/A
1	N/A
3	N/A
20	N/A

Time Taken (hrs)	Git commit #
3	N/A

4	N/A
4	N/A
6	8574485f5433ad65372273f620 5315ca199091a9
7	N/A
6	N/A
6	N/A
2	N/A
1	N/A
8	N/A
4	N/A
10	Unknown

Time Taken (hrs)	Git commit #
1	N/A
4	c4c979d878fd188e4bcf7024ae2ac9897a47d122
8	629ff108678ee83013feb4b10d924fe8e0af98b8
1	N/A
4	N/A
3	N/A
4	N/A
6	N/A
4	N/A

6	N/A
2	N/A
2	N/A
2	N/A
4	N/A
15	N/A
1	N/A
12	Unknown

Time Taken (hrs)	Git commit #
3	N/A
5	N/A
10	N/A

3	N/A
1	N/A
4	N/A
3	N/A
6	N/A
2	N/A
0.5	N/A
4	N/A
10	Unknown

Time Taken (hrs)	Git commit #
5	N/A

Time Taken (hrs)	Git commit #
4	[1] 5958d166b16a2b8a6abe690cf912351ca136a4b2 [2] 458e2098ada905f80ab4220ac9b2130be202631d [3] bcb11baf4187ec66e4561c381d91f424d2528d9c
5	N/A
4	N/A
2	N/A
2	N/A
1	N/A
6	Unknown

1	2d7ee2f38b3b794d3785bf6843 07f8a35f413903
1	N/A
1	2d7ee2f38b3b794d3785bf6843 07f8a35f413903
4	N/A
1.5	N/A
10	N/A
3.5	N/A
7	N/A
3.5	N/A