Test Plan

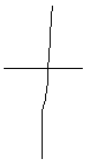
1. Purpose

The purpose of this Test Plan is to record the test procedures applicable to our Stylus to text app.

We will create as many automated tests to help us with regression testing. Depending on the language and IDE we end up using these automated tests (black box and white box testing) could be JUnit, coded UI tests (CUITS), unit tests, etc. Besides that we will also create manual test cases for black box testing.

2. Test Plan

#	Feature	Test Steps	Input	Expected Output	Pass /Fail
1	Pen input outputs dots on a graph in a separate window	1. User draws an a on one window with a stylus 2. The dots are recorded in a different window 3. When the dots are traced they resemble the same shape drawn in step 1, an a	a	dots that look like an ‘a’	
			A	dots that look like an ‘A’	
			a line	a line of dots	
			two separate letters	a graph representation of two separate letters	
			an ‘a’ in the upper left corner of the screen	dots that look like a complete ‘a’ in the upper left of the graph	
			an ‘a’ in the lower right corner of the screen	dots that look like a complete ‘a’ in the	

				lower right of the graph	
2	Interpret the dots as letters	1. someone draws 2. the letter is printed out	draw an ‘A’ on the screen	a ‘A’ is printed out	
			draw an ‘a’ on the screen	a ‘a’ is printed out	
			draw a smiley face on the screen	a message is displayed ‘Can’t determine input	
			draw an incomplete f on the screen: 	an ‘f’ is printed out.	
			draw a line that looks like a lower case l: Lift your pen up for 25 seconds and then draw a line that makes the l look like a t: 	An ‘l’ is outputted at first. and then once the second keystroke is done the ‘l’ disappears and a ‘t’ is displayed.	
3	Interpret the dots as numbers	1. someone draws a number 2. a number is outputted	draw a 1		
			draw a 0		

			draw a backwards 3	An ‘E’ is printed to the screen	
			draw a 2	A ‘2’ is printed to the screen	
			draw a ‘fancy’ 2: 	A ‘2’ is printed to the screen	
			draw an 8 multiple ways: 	An ‘8’ is printed to the screen	