Functional	Test Name	Test Steps	Expected Results	Actual Results
Area				
of Micro:bit	Set up success	 Connect Micro:bit using USB. Press the START button to connect Micro:bit via web serial. 	All buttons are now clickable except for START and INTERRUPT	Developer: expected Target Audience:
				expected
	Set up with no Micro:bit conne cted	Press the START button without connecting Micro:bit using USB.	A pop-up should tell you 'No	<i>Developer:</i> expected
		1. Connect the Micro:bit using	After step 3, nothing should	<i>Developer:</i> expec
buttons	with code running	the START button. 2. Press RUN at the top of the screen. 3. Click on one	happen. After step 4, the duck should appear.	ted Target Audience: expected
		OT. 4. Click on HELP. 5. Click on INTERRUPT.	except START and INTERRUPT are clickable.	
Flashing code to Micro:bit	With an error	 Connect the Micro:bit using the START button. Type code in the text editor that contains an error. Press the FLASH button. 	connected Micro:bit, but it will only display the error. The helpful duck should appear to give advice	Developer: expected Target Audience: expected
	Without an error	 Connect the Micro:bit using the START button. Type code in the text editor that does not contain an error. Press the FLASH button. 	the Micro:bit and work as expected.	Developer: expec ted Target Audience: expected
E distinct	\A/la: a	4. Commont the Minne hit union	The code about 1 wet be able to be	D /
code	While running on the Micro:bit	 Connect the Micro:bit using the START button. Clear the editor of all code except from microbit impo 	The code should not be able to be edited while running on the Micro:bit	ted Target Audience:
		rt *. 3. Press INSERT FRAGMENT underneath the first 'While loop' example in the Python Language Features tutorial. 4. Press RUN at the top of the screen. 5. Try to edit the code in the editor.		expected
	Before running for the first time	 Connect the Micro:bit using the START button. Attempt to change the code in the editor. 		<i>Developer:</i> expected
	After running to completion	 Connect the Micro:bit using the START button. Clear the editor of all code except from microbit import *. Press INSERT FRAGMENT underneath the second 'While 		<i>Developer:</i> expected

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	 Connect the Micro:bit using the START button. Change line 5 to say Display.scroll('Hello, World!') Press the RUN button. 	After step 3, the duck should appear with the error message: Error on line 5: NameError: name 'Display' isn't defined.	<i>Developer:</i> expected
a SyntaxError, without following a	 Connect the Micro:bit using the START button. Change line 5 to say display.scroll('Hello, World!' Press the RUN button. 	After step 3, the duck should appear with the error message: Error on line 5: SyntaxError: invalid syntax.	Developer: expec ted
while following a tutorial	1. Connect the Micro:bit using the START button. 2. Clear the editor of all code except from microbit import *. 3. Press INSERT FRAGMENT underneath a piece of code in the Python Language Features tutorial. 4. Edit the code to make it have an error by replacing the word microbit with Microbit. 5. Press the RUN button. 6. Navigate through the duck, first pressing 'An error message is displayed', telling it nothing is helping until it compares your error with the tutorial.	After step 3, the code should appear in the editor. After step 5, the duck should appear, the error should be displayed, and the line with the error should be highlighted. After step 6, the difference between your code and the tutorial code should be highlighted within the duck's speech bubble.	Developer: expected Target Audience: expected
	1. Connect the Micro:bit using the START button. 2. Clear the editor of all code except from microbit import *. 3. Press INSERT FRAGMENT underneath the first 'While loop' example in the Python Language Features tutorial. 4. Edit the code to make it have an error by replacing the function display with display. 5. Press the RUN button. 6. Navigate through the duck, first pressing 'An error message is displayed', telling it nothing is helping until it compares your error with the tutorial.	speech bubble.	<i>Developer:</i> expected
a TypeError, while	 Connect the Micro:bit using the START button. Clear the editor of all code except from microbit import *. 	After step 3, the code should appear in the editor. After step 5, the duck should appear, the error should be displayed, and the line with the error should be highlighted.	<i>Developer:</i> expec ted

The helpful	Make the duck	Language Features tutorial.	After step 6, the difference between your code and the tutorial code should be highlighted within the duck's speech bubble. After step 2, the duck should	<i>Developer:</i> expec
	disappear by pressing the red 'X'	2. Press the red 'X'.		ted <i>Target Audience</i> : expected
	pressing 'Goodbye' at the end of the flowchart	 Press the HELP button. Press 'My code doesn't do what I want it to do'. Press 'A list has changed even though I didn't change it'. Press 'Ah, that's it!' Press 'Thanks Duck, bye for now!' 	disappear.	<i>Developer:</i> expec ted
	pressing the red 'X' halfway through a	1	flowchart. Rather than the slide it was closed from.	Developer: expec ted Target Audience: expected
code from	Running code directly from tutorial	 Connect the Micro:bit using the START button. Press a RUN EXAMPLE from within the tutorial. 	run on the Micro:bit and behave as expected. The code isn't expected to stay on the Micro:bit when disconnected from the computer	<i>Developer:</i> expec ted <i>Target Audience</i> : expected
	Inserting a fragment, then flashing	import *. 3. Press INSERT FRAGMENT underneath a piece of code in		<i>Developer:</i> expected