
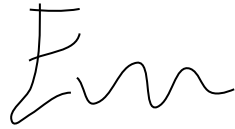


# TutorPoint Integration & Testing Report - Iteration 7

## Information

Testing Manager Name	Testing Manager Signature	Charters	Date of Testing
Daniel Bishop		1) Test functionality of webcam streaming	31/05/2020
Eric Walker			

## Preliminary Notes

### 1. Webcam Streaming Testing Results

Webcam is a slightly unfinished module. It works as long as everything is as expected, but will not work properly if, for example no microphone or webcam is plugged in. it does not affect the rest of the program when it fails.

Module Under Test	Test Performed	Expected Outcome	Observed Outcome	Test Passed (Y/N)	Error Level	Notes
WebcamWindowController	CT start stream, start webcam with valid webcam and mic. TS1 join stream	TS1 should see Ct's video stream	Video stream is observed	Y	-	Lots of delay in video stream

	CT start stream, start webcam with no valid webcam TS1 join stream	TS1 should not see anything different, both clients should be able to perform other functions	No difference observed	Y	-	
	CT start stream, start webcam with no valid mic. TS1 join stream	TS1 should not see anything different, both clients should be able to perform other functions	No difference observed	Y	-	
	CT start stream, Start webcam stream, attempt to stop webcam stream	The webcam should stop streaming and displaying	There is no webcam stop button	N	3	
	CT start stream, TS1 join stream. Start webcam, stop and start stream	Start camera button should reappear and webcam streaming should stop	Did so	N	3	If valid webcam was present, freeze frame is displayed behind button when stream is stopped.

	CT start stream, Ts1 join stream. Start stream Start webcam with no mic or webcam. Stop stream Plug in mic and webcam Start stream Start webcam stream	The first webcam start should not do anything, as above. The second stream should allow proper webcam streaming	The second one showed on tutor side, but not on student side	N	3	Did not cause any crashes, and did not affect any part of the program outside of the webcam.
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