TutorPoint Integration & Testing Report - Iteration 5
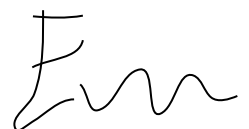
Information

Testing Manager Name	Testing Manager Signature	Charters	Date of Testing
Daniel Bishop	*[signature]*	1. Dynamic home screen - does it look good, can it be broken? 2. Can live lessons be joined by students? 3. Can clients receive a video stream from server 4. Test functionality of text chat 5. Test functionality of presentation sharing	04/05/2020
Eric Walker	*[signature]*		

Preliminary Notes

1. Dynamic Home Screen Testing Results

Module Under Test	Test Performed	Expected Outcome	Observed Outcome	Test Passed (Y/N)	Error Level	Notes
HomeWindowController.java	Loaded into home screen using account 'Admin'	Window should load with a carousel of top subjects and a list of top tutors	Window loaded with top subjects carousel, but did not load top tutors. Clicking carousel button caused tutors to load	N	2	
	Click on left/previous button on carousels while at start of list	Carousels should not move	worked.	Y	-	
	Click on right/next button on carousels while at start of list	Carousels should advance and load more subjects/tutors	Threw exceptions. Client was logged out, remained active, but could not communicate with the server	N	3	2020-05-04 18:09:14,034 [ClientHandler-0] [INFO] ClientNotifier - sendingSubjects 2020-05-04 18:09:30,831 [ClientHandler-0] [INFO] ClientHandler - Requested: TopTutorsRequest 2020-05-04 18:17:58,841 [ClientHandler-0] [INFO]

						ClientHandler - Requested: SubjectRequest
						2020-05-04 18:17:58,842
						[ClientHandler-0] [INFO]
						ClientNotifier - sendingSubjects
						2020-05-04 18:18:18,006
						[ClientHandler-0] [ERROR]
						ClientNotifier - SendSubjects
						error accessing database
						com.mysql.cj.jdbc.exceptions.Co
						mmunicationsException:
						Communications link failure
						Caused by:
						java.net.SocketTimeoutExceptio
						n: Read timed out
						at
						java.base/java.net.SocketInputSt
						ream.socketRead0(Native
						Method)

	Reload client, try above test again	"	worked	Y	-	
	Click on right/next buttons when at the end of loadable content	Carousels should not move	Same exceptions thrown, client logged out without closing again	N	3	Suspected to be caused by server failing to communicate with sql server, due to physical distance or failed internet link. May also possibly be due to some problem arising from not sending anything for too long
	Reload, attempt above test again	"	Visually worked as intended, however, logs showed that a subject 'Interactive Media' was received on the last click, but not displayed	N	3	
	Spam-click right/next button	Should iterate smoothly through subjects/tutors, or at least ignore overclicking	Does not. Lags out, slowly partially displays some subjects. Eventually catches up and stops lagging. Downloaded subjects show overlap: successive batches have subjects shared between them, sometimes to the point of being identical. Fixable by pressing back	N	2	Perhaps prevent a press of next from requesting the server until last request is resolved

	Click on downloaded subjects/tutors	Should display discover screen for that tutor/subject	Does so	Y	-	
	Click each tab to verify user is taken to appropriate screen	Tabs should take user to appropriate non-home screen	Does so	Y	-	

2. Joining Lesson Testing Results

Module Under Test	Test Performed	Expected Outcome	Observed Outcome	Test Passed (Y/N)	Error Level	Notes
	Log in as Admin and begin streaming					

2. Joining Lesson Testing Results

Module Under Test	Test Performed	Expected Outcome	Observed Outcome	Test Passed (Y/N)	Error Level	Notes