

System Test cases for Backend

Tested again with new document

Date: 2.6.2016

Performed by (Chrome):

Mzeen @ Acer Laptop, Windows 10

Started SpringBootApplication in 13.745 seconds (JVM running for 14.662)

Use Case	Function Being Tested	Input	Expected Output	Test execution documentation
IC_C1	SF_S3: Checking When the bus arrives	./stops	Send the list of stop with stopid, stop name, line passing through the stops, location of the stop, bus schedule of the stop	list of stop with stopid, stop name, line passing through the stops, location of the stop, bus schedule of the stop is displaying
IC_C2	SF_S5: See information about the bus	./busses	List of all busses with their number plate, color and picture	List of busses along with their number plate, color and picture is displayed
	SF_S6: See information about the bus GPS position	/busses/{busId}/	Send Current GPS Data coordinates	Bus Gps coordinate is showing
IC_C3	SF_S6: See Position of the Bus	/busses/{busId}/	Send Current GPS Data coordinates	Bus Position is showing
IC_B1	SF_S1: Setup for driving and showing Lines	./lines	Send List of Lines with lineid, name, routeid, and busses running on that specific line	List of Lines with lineid, name, routeid, and busses running on that specific line is displayed
	SF_S2: Setup for driving and showing List of busses	./busses	Send List of all busses with their number plate, color and picture	List of busses along with their number plate, color and picture is displayed
	SF_S4: Setup for driving and showing all routes	./routes	Send List of all routes with id, route coordinates in longitude and latitude format	List of all routes with id, route coordinates in longitude and latitude format is displayed
	SF_S7: Setup for driving and store bus, lines, routes and stop	./update	Store Bus, Line, routes and stop information	Store Bus, Line, routes and stop information and displayed
IC_B2	SF_S13: Document number of the people		For next iteration	Not Tested now because it will be tested in next iteration

IC_B3	SF_S4: See the route	./routes	Send List of all routes with id, route coordinates in longitude and latitude format	List of all routes with id, route coordinates in longitude and latitude format is displayed
IC_B4	SF_S3: See the stops	/stops	Send the list of stop with stopid, stop name, line passing through the stops, location of the stop, bus schedule of the stop	list of stop with stopid, stop name, line passing through the stops, location of the stop, bus schedule of the stop
IC_B5	SF_S9: see the updated bus status	/updateBusStatus/{busId}/{lineId}/	Send the current bus status and line status	Console result: HTTP 404 Not Found
IC_B6	SF_S10: See the realtime Bus Information	/busses/{busId}/	Send the real-time bus information	Realtime information of bus along with gps data is displaying

Author: Muhammad Zeeshan

Status: complete

Reviewer:

Review Status: