

System Test cases Document for Integration tests

Integration tests with CitizenApp

Use Cases	Initial State	Function Being Tested	Input	Expected Output	Tested
IC_C1	App start. Show Stops Page is selected	SF_S3 called via SF_10	Automatic Event	List of Stops is shown to the user	15062016
	Stop Detail Page of a Stop is selected	SF_C9	Stop ID	List of Lines and their arrival at the current stop is shown	15062016
		SF_C9 (invalid Stop ID)	Stop ID	Notification is shown to the user	15062016
		SF_C9 (no Stop ID)	Stop ID		15062016
IC_C2	User is at Stop Detail. Accesses Bus Detail Page	SF_S5 and SF_S6 called via SF_C3	Bus ID	Show color, picture, seats, number plate, line	15062016 seat(S) bus line(c)
	Part of the information:	SF_S6 called via SF_C2	Bus ID	Bus delay (if any) is shown to the user	15062016 delay(S)
IC_C3	User is at Bus Detail screen and taps on the position	SF_S6 called via SF_C1	Bus ID	Bus position is shown to the user on the map	15062016 position not working(C)

Integration tests with BusDriveApp

Use Cases	Initial State	Function Being Tested	Input	Expected Output	Test result
IC_B1	User is at "Select Bus" screen	SF_S1 called via SF_B0	User selects bus	Screen switched to "Select Line"	testate2
	User is at "Select Line" screen	SF_S2, SF_S3 and SF_4 called via SF_B0; SF_S7 called via SF_B3.1	User selects line	Screen switched to "Drive" screen and bus and line saved in the server checked using get	Testate2
IC_B2	User is at "Drive" screen	SF_B4	Driver increases #passengers	#passengers increased, later iteration: sent to server	testate3
			Driver decreases #passengers	#Passengers decreased, later iteration: sent to server	testate3
IC_B3	User is at "Drive" or "Stops" screen	SF_B6	"Map" tab selected	Switched to "Map" screen, "Map" screen shows initial map i.e. line overview	Testate2
IC_B4	User is at "Drive" or "Map" screen	SF_B7	"Stops" tab selected	Switched to "Stops" screen, "Stops" screen shows list of all stops	Testate2
IC_B2,	User at	SF_S8	Gps data	GPS	Testate2

IC_B3 IC_B4	"Drive", "Map" or "Stops" screen	called via SF_B3.2	from the local device	location sent to server every 15-20 seconds with id of the bus and lines and a timestamp	
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