

## System Test Cases – Iteration 1

IC	SF	Initial State	Input	Exp. Output
IC_B1	#SF_B1	"Select Bus" screen	User selects Bus	-Selection saved, -Switched to "Select Line" screen
IC_B1	#SF_B2	"Select Line" screen	User selects Line	-Selection saved, -Switched to "Drive" screen -#passengers=0 -next Stop displayed
IC_B2 IC_B3 IC_B4	SF_B3	"Drive", "Map" or "Stops" screen	gps data from the local device	GPS location sent to server every 15-20 seconds with id of the bus and lines and a timestamp
IC_B2	#SF_B4	"Drive" screen	Driver increases #Passengers	-#Passengers increased -information sent to the sever
IC_B2	#SF_B4	"Drive" screen	Driver decreases #Passengers	-#Passengers decreased -information sent to the server
IC_B3	#SF_B6	"Drive" screen or "Stops" screen	"Map" tab selected	-Switched to "Map" screen -"Map" screen shows initial map i.e. line overview
IC_B4	#SF_B7	"Drive" screen or "Map" screen	"Stops" tab selected	-Switched to "Stops" screen -"Stops" screen shows list of all stops

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Status: Complete, as for SRS (Iteration 1)

Reviewer: Mher Ter-Tovmasyan

Review status: Complete