

## System Test Cases – Iteration 2

IC	SF	Initial State	Input	Exp. Output
IC_B1	SF_B0	"Home screen"	User taps on "Start Tour"	-Switched to "Select Bus screen" and list of busses is shown, provided by the server
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 -SF_B3.1
IC_B1	SF_B3.1	"Drive" screen	Bus and line information	-"Drive" screen
IC_B2 IC_B3 IC_B4	SF_B3.2	"Drive", "Map" or "Stops" screen	gps data from the local device	GPS location sent to server every 160 seconds or if the bus moved 75 meters with id of the bus and a timestamp
IC_B2	#SF_B4	"Drive" screen	Driver increases #Passengers	<ul style="list-style-type: none"> <li>-#Passengers increased</li> <li>-information sent to the sever</li> </ul>
IC_B2	#SF_B4	"Drive" screen	Driver decreases #Passengers	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>-#Passengers decreased</li> <li>-information sent to the server</li> </ul> </li> </ul>
IC_B3	#SF_B6	"Drive" screen or "Stops" screen	"Map" tab selected	<ul style="list-style-type: none"> <li>-Switched to "Map" screen</li> <li>- "Map" screen shows initial map i.e. line overview</li> </ul>
IC_B4	#SF_B7	"Drive" screen or "Map" screen	"Stops" tab selected	<ul style="list-style-type: none"> <li>-Switched to "Stops" screen</li> <li>- "Stops" screen shows list of all stops</li> </ul>