

SINo	Requirement Title	Component	Description	Layer (Service/Hmi)	Vehic el Model	Screen Needed	Assignee	Review Status	Review Comments	Review Comments
	Settings Screen Display		A list view to Show the Settings Components Settings Components are Touch Screen Beep,Fuel Saver Display,Display Mode Manuel,Display Brightness HL ON/OFF	HMI	Core	Yes				
		Settings								1/12 : Add a short detail about tabs - Settings & control.
1	Touch Screen Beep	Settings	Show "Touch Screen Beep" in a list with checkbox	HMI	Core	Yes		Done		1/12 : For each setting item, mention its service side functionality also. No need to mention Database. Just
			Default value for the Touch Screen Beep is OFF	HMI	M1	No		Done		
			Default value for the Touch Screen Beep is ON	HMI	M2	No		Done		
			When the "Touch Screen Beep" is checked, sound should be enabled	Service	Core	No		Done		
			When the "Touch Screen Beep" is ON, store value 1 in a non-volatile memory	Service	Core	No				
			When the "Touch Screen Beep" is OFF, store value 2 in a non-volatile memory	Service	M1	No				
			When the "Touch Screen Beep" is OFF, store value 0 in a non-volatile memory	Service	M2	No				
2	Fuel Saver Display	Settings	Show "Fuel Saver Display in a list with checkbox	HMI	M1	Yes		Done		
			Default value is OFF	HMI	M1	No		Done		
			When the "Fuel Saver Display" is ON, store value 1 in a non-volatile memory	Service	M1	No				
			When the "Fuel Saver Display" is OFF, store value 0 in a non-volatile memory	Service	M1	No				
			Should be present only in M1 and not in M2 models	HMI	M1	Yes				
3	Display Mode Manual	Settings	Show Display Mode Manual in a list with checkbox	HMI	Core	Yes		Done		
			Default value is OFF	Service	Core	No		Done		
			When the "Display Mode Manual" is unchecked, Disable both Display Brightness HL ON & Display Brightness HL OFF	HMI	Core	No		Rework	Display Brightness HL ON depend on condition	
			When the "Display Mode Manual" is checked , send Request to service with value 1	HMI	Core	No		Rework		
			Request is handled by running a timer for 5 sec to generate a random number	Service	Core	No				
			If number is negative return -1 , if its positive even return 1 , if positive and odd return 0	Service	Core	No				
			If return value is -1 then Disable both Display brightness HL ON and Display Brightness Off	HMI	Core	No				
			If return value is 1 then Enable Display brightness HL ON and Disable Display Brightness OFF	HMI	Core	Yes				
			If return value is 1 then Enable Display brightness HL OFF and Disable Display Brightness ON	HMI	Core	Yes				
			When the "Display Mode Manual" is ON, store value 1 in a non-volatile memory	Service	Core	No				
			When the "Display Mode Manual " is OFF, store value 0 in a non-volatile memory	Service	Core	No				
4	Display Brightness HL ON	Settings	Show "Display Brightness HL ON "in a list with " + " & " - " icon for number selector	HMI	Core	Yes		Done		1/12 : Display Brightness Headlights On & Display Brightness Headlights Off settings do not have checkbox. They have number pickers - See the diagram in page10. An additional logic is also required to handle for this setting - details are mentioned in page 12.Add those details also.
			Default value for Display Brightness HL ON is 3	HMI	M1	No		Done		
			Default value for Display Brightness HL ON is 5	HMI	M2	No		Done		
			Range is 0 to 7	HMI	M1	No		Done		
			Range is 0 to 9	HMI	M2	No		Done		
			On taping " + " icon increase the value by 1	HMI	Core	Yes				
			On taping " - " icon decrease the value by 1	HMI	Core	Yes				
			On taping " + " icon increase the value in non-volatile memory by 1	Service	Core	No				
			On taping " - " icon decrease the value in non-volatile memory by 1	Service	Core	No				
			On reaching Max range disable " + " icon	HMI	Core	Yes				
			On reaching Min range disable " - " icon	HMI	Core	Yes				
			When disabled button is taped , Rejection sound should be played only if Touch screen beep is ON	Service	Core	No				3/12 : Should rejection tone be played always when disabled button is tapped? Shouldn't we check the Touchscreen beep status? Check page11 of PPT & do the necessary modification. Same is applicable to "Display Brightness HL OFF"
5	Display Brightness HL OFF	Settings	Show "Display Brightness HL OFF "in a list with " + " & " - " icon for number selector	HMI	Core	Yes		Done		
			Default value for Display Brightness HL OFF is 3	HMI	M1	No		Done		
			Default value for Display Brightness HL OFF is 5	HMI	M2	No		Done		
			Range is 0 to 7	HMI	M1	No		Done		
			Range is 0 to 9	HMI	M2	No		Done		
			On taping " + " icon increase the value by 1	HMI	Core	Yes				
			On taping " - " icon decrease the value by 1	HMI	Core	Yes				
			On taping " + " icon increase the value in non-volatile memory by 1	Service	Core	No				
			On taping " - " icon decrease the value in non-volatile memory by 1	Service	Core	No				
			On reaching Max range disable " + " icon	HMI	Core	Yes				
			On reaching Min range disable " - " icon	HMI	Core	Yes				
			When disabled button is taped , Rejection sound should be played only if Touch screen beep is ON	Service	Core	No				
								Mention service layer functionality for Display Brightness		
	Control Screen Display	Control	A Grid view to Show the Control Components Components are Screen OFF,Cargo Camera,Rear View camera,AUX and Trailer Tire Pressure	HMI	Core	Yes				1/12 : For each Control item, add its availability condition.
6	Screen Off	Control	Show "Screen Off" in a grid view Should be Present only in M1 and not in M2 models	HMI	M1	Yes		Rework	What about M2?	1/12 : Control image would be different in M1 & M2. Add this detail.
7	Cargo Camera	Control	Show "Cargo Camera" in a grid view	HMI	Core	Yes				
8	Rear view Camera	Control	Show "RearView Camera" in a grid view Icon for Camera Item-Car icon Icon for Camera Item-Truck icon	HMI	Core	Yes				
				HMI	M1					
				HMI	M2					
9	AUX	Control	Show "AUX" in a grid view Should be Present only in M2 and not in M1 models	HMI	M2	No		Rework	What about M1?	
10	Trailer tire pressure	Control	Show "Trailer tire pressure" in a grid view Should be Present only in M2 and not in M1 models	HMI	M2	Yes		Rework	What about M2?	
11	Trailer tire pressure when selected	Control	Navigate to a screen for selection of Number of axes and tires	HMI	M2	Yes				1/12 : Mention about the image in Tire Pressure screen - It will be based on the axle & tire numbers selected. 1/12 : Try to split up the screen as components & then add its details - This will add more clarity to your report. For example: Number of Axles: User can select the number of axes. It will be a number picker Default value details
			Number of axes	HMI	M2	Yes				

			User can select the no of axes ,Provide a number picker for selection Default value is 2	HMI	M2	Yes				1/12 : Mention about the navigation from "Trailer tire pressure" to 'Keypad Screen'.
			Number of tires User can select the no of tires ,Provide a number picker for selection Default value is 4							
			Logic for selection of axles and tires							
			User can select only a possible combination of no of axes and no of tires. The combination can be selected from a table, Provide a table with rows and columns. Set the no of rows as 4 and no of columns as 7.The possible combination of axes and tires are (1,2),(1,4),(2,4),(2,8),(3,6),(3,12)		M2	No				
			Image holder: Image should be displayed based on the combination of no of axes and tires selected	HMI	M2	Yes	Rework	Detail not clear		
			Pressure Unit - User can select the pressure unit.Provide two radio buttons for selection of two options (PSI or KPA) Default Unit is PSI	HMI service	M2	Yes No	Rework	Detail not clear		
			Next Button - Show "Next" Button - to navigate from trailer tire pressure screen to keypad screen	HMI	M2	Yes	Rework	Mention about the table		
12	Keypad Screen	Control	Target Tire pressure -Show "Edit text" filed for entering the Tire pressure (it is possible to enter value between 25-125 psi only.) Current Target - Show text view to show current target (It should be the previously saved value) Show Buttons with numbers labelled from 0 to 9 on the screen Done button-Enable done Button when the pressure entered is valid Default tire pressure is 50psi Close -Show "Close" Button to close the keypad screen	HMI	M2	Yes	Rework			1/12 : Mention about the detail of each component in Keypad screen. Cross check if you have missed any points. Like for edit text, it is only possible to enter value between 25-125 psi.
				HMI	M2	Yes	Rework	Requirement not fully covered		
				HMI	M2	Yes				
				HMI service	M2	Yes No	Rework			
				HMI	M2	Yes	Rework			