

Table 8.3.1. Execution Report of Test Case TC-001

Project Name:		Distracted/Drowsy Driver Detection on Snapdragon Mobile Platform					
Test Case ID:		TC-001					
Testing Tools Used:		Android Studio, JUnit 4, Jetpack Compose UI Test					
Execution Steps:							
Test Execution Records:							
#	Tester	Test Date	Test Stage	Actual Result	Status	Defect	Correction
1	Tariq	11/06/2025	Unit	The "Start Session" button was visible and tapping it invoked the onStart callback, starting the monitoring session	Pass	None	null by N/A
Execution Summary:		TC-001 passed. StartScreen correctly shows the "Start Session" button and the click handler starts a session without errors					
Acknowledgment: Generated from the CapStone process management system ©2025							

Table 8.3.2. Execution Report of Test Case TC-004

Project Name:		Distracted/Drowsy Driver Detection on Snapdragon Mobile Platform					
Test Case ID:		TC-004					
Testing Tools Used:		Android Studio, JUnit 4, Jetpack Compose UI Test					
Execution Steps:		1	Open SessionScreen and tap the "End Session" button once.				
Test Execution Records:							
#	Tester	Test Date	Test Stage	Actual Result	Status	Defect	Correction
1	Tariq	11/06/2025	Unit	"End Session" button was visible and tapping it invoked the onEnd callback, ending the current session	Pass	N/A	
Execution Summary:		TC-004 passed. The session can be ended from SessionScreen and the app returns cleanly without crashes					
Acknowledgment: Generated from the CapStone process management system ©2025							

Table 8.3.3. Execution Report of Test Case TC-006

Project Name:		Distracted/Drowsy Driver Detection on Snapdragon Mobile Platform					
Test Case ID:		TC-006					
Testing Tools Used:		Android Studio, JUnit 4, Jetpack Compose UI Test					
Execution Steps:		1	On SessionScreen, tap the "Notify" chip twice and observe the dialog text each time				
Test Execution Records:							
#	Tester	Test Date	Test Stage	Actual Result	Status	Defect	Correction
1	Tariq	11/06/2025	Unit	First tap opened a dialog showing "Notification sent" and "Notify tapped 1 time."; second tap showed "Notify tapped 2 times." as expected	Pass	N/A	null by N/A
Execution Summary:		TC-006 passed. Notify chip correctly opens the dialog and maintains the tap count across multiple presses					
Acknowledgment: Generated from the CapStone process management system ©2025							

Table 8.3.4. Execution Report of Test Case TC-011

Project Name:		Distracted/Drowsy Driver Detection on Snapdragon Mobile Platform					
Test Case ID:		TC-011					
Testing Tools Used:		Android Studio, JUnit 4, Jetpack Compose UI Test					
Execution Steps:		1	On SessionScreen, tap the "Sound" chip, then select "Turn off sound" in the dialog.				
Test Execution Records:							
#	Tester	Test Date	Test Stage	Actual Result	Status	Defect	Correction
1	Tariq	11/10/2025	Unit	Tapping "Sound" opened the sound dialog ("Playing until you turn it off"); choosing "Turn off sound" stopped the sound and closed the dialog	Pass		
Execution Summary:		TC-011 passed. Sound chip dialog works correctly and the user can turn off the alert sound without issues					
Acknowledgment: Generated from the CapStone process management system ©2025							

Table 8.3.5. Execution Report of Test Case TC-012

Project Name:		Distracted/Drowsy Driver Detection on Snapdragon Mobile Platform					
Test Case ID:		TC-012					
Testing Tools Used:		Android Studio, JUnit 4, Jetpack Compose UI Test					
Execution Steps:		1	On SessionScreen, tap the "Emergency" card once.				
Test Execution Records:							
#	Tester	Test Date	Test Stage	Actual Result	Status	Defect	Correction
1	Tariq	11/16/2025	Unit	The "Emergency" card was visible and responded to the tap without any crashes or UI errors, confirming the handler is wired	Pass		
Execution Summary:		TC-012 passed. Emergency card is clickable and correctly connected to its tap handler					
Acknowledgment: Generated from the CapStone process management system ©2025							

Table 8.3.6. Execution Report of Test Case TC-013

Project Name:		Distracted/Drowsy Driver Detection on Snapdragon Mobile Platform					
Test Case ID:		TC-013					
Testing Tools Used:		Android Studio, JUnit 4, Mockito					
Execution Steps:		1	Tap Emergency call				
Test Execution Records:							
#	Tester	Test Date	Test Stage	Actual Result	Status	Defect	Correction
1	Tariq	11/19/2025	Unit	ACTION_CALL intent with data tel:9513034883 and passed it to	Pass		
Execution Summary:		TC-013 passed. Emergency call helper correctly launches a phone call to the configured emergency number					
Acknowledgment: Generated from the CapStone process management system ©2025							