

Acceptance Test Plan - Alpha			
Steps	Expected Results	Observations	Comments
<p>1. Connect the reader onto the simulator.</p> <p>Ensure that both the reader and simulator is turned off.</p>	<p>The reader connects with minimal difficulty.</p> <p>The reader's light remains off.</p>		
<p>2. Power the simulator and reader on.</p>	<p>The reader's light turns on as it receives power.</p>		
<p>3. Open the software application on the smartphone. Ensure that the smartphone is not connected to the software application on the reader.</p>	<p>The main menu of the software application is displayed.</p> <p>The software application indicates that it is not connected to any device.</p>		
<p>4. Connect the smartphone to the reader via Bluetooth. The distance from the reader and the smartphone must be no more than 10m.</p>	<p>The smartphone successfully connects to the reader.</p> <p>The software application indicates that it is connected to the reader.</p>		
<p>5. After 5 minutes, check the status of the smartphone application.</p>	<p>The software application indicates that it is still connected to the reader.</p>		
<p>6. Disconnect the connection between the reader and the smartphone.</p>	<p>The software application indicates it is no longer connected to the reader.</p>		
<p>7. Remove the existing Bluetooth pairing between the reader</p>	<p>The expected results from steps 3-5 results are observed.</p>		

<p>and the smartphone. Repeat steps 4-6.</p>			
<p>8. Click on 'Settings'. Click on the 'Acceptance Test' option. Wait for 5 minutes then observe the software application</p>	<p>The software application displays the engine RPM, the engine oil temperature and vehicle speed within reasonable bounds. The values are updated at least once per 5 seconds.</p>		
<p>9. Click on 'Logs' and select the newly created log. Compare the values of the logs and the scripted values of the simulator.</p>	<p>The repeating pattern in the newly created log matches the values of the simulator.</p>		
<p>10. Close the software application on the smartphone. Wait for 5 minutes then open the software application</p>	<p>The main menu of the software application is displayed. The software application indicates that it is connected to the reader.</p>		