

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	05 November 2022
Team ID	PNT2022TMID46335
Project Name	NEWS TRACKER APPLICATION
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Interoperability	User pairs a Bluetooth enabled Android-based Smartphone to QNX based infotainment system
FR-2	security	Cyber security based services in the ADAS surround-view that uses controller Area Network
FR-3	Design a news feed system	News feed is a list of posts with text, image, or video generated by other entities in the system
FR-4	Accuracy	In the controller Area Network, when a CAN signal value is transmitted over CAN bus by an ECU
FR-5	Compliance	Can be that of Apple car play in car infotainment system

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<i>That allow users to seamlessly interact with the product</i>
NFR-2	Security	<i>Private data processing, and external attack risk reduction</i>
NFR-3	Reliability	App behaviour in case of alarm status
NFR-4	Performance	How many simultaneous users or transactions the system is to service and its response time
NFR-5	Availability	Requirements for app continuous
NFR-6	Scalability	Ways to expand the system and avoid adversely affected performance