

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

Date	12 October 2022
Team ID	PNT2022TMID30142
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	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Reading News	Application have simple interface with possibility to observe many news with small description in one page. Pressing Link/Button "Read More" to see full information.
FR-4	Searching	Application have text field and button for "Search" and "Filter" to find any news user needed.
FR-5	Sharing	Application have tools to share this news in social networks.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Ease of use and user-friendly interface, that allow users to seamlessly interact with the product.
NFR-2	Security	App operation and use of safety requirements related to access control, private data processing, and external attack risk reduction.
NFR-3	Reliability	App behavior in case of alarm status, for example, automatic restart and operation recovery.
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 running, for example, 24/7, minimum idle time, etc.
NFR-6	Scalability	Ways to expand the system and avoid adversely affected performance.