

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

Date	04 Nov 2022
Team ID	PNT2022TMID40290
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 Facebook Registration through Gmail Registration through Mobile Number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP Confirmation via Mobile OTP
FR-3	Favorites	Search and follow favorite feeds
FR-4	NEWS Feed	The news feed is generated using the posts from other entities in the system that the user followed or the user might be interested in.
FR-5	Posts	The posts might have text, image and video.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The UI of the NEWS tracker app is straightforward to make it accessible to everyone. Access to the user's preferred news and magazines. User receives immediate notification about relevant topics.
NFR-2	Security	To ensure the security of the user related data and app data.
NFR-3	Reliability	How quick the user issues are resolved.
NFR-4	Performance	How quick the app responds for user inputs and how quickly the issues are rectified.

NFR-5	Availability	App provides instant news feeds and in how many languages news feeds are available.
NFR-6	Scalability	How the app will be upgraded for future needs while maintaining its current level of performance and adding security features.