

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

Date	10 October 2022
Team ID	PNT2022TMID13118
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 Installation	Install the app from Google play store or from the website
FR-2	User Registration	Registration through Form Registration through Gmail
FR-3	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Location based	News according to user's geo-location Track the Location of the news Local and Global News
FR-4	Real time News	News with real-time update. Actively connected to Cloud and News Sources Auto update news because of the usage of API Number of comments in News
FR-5	Search based	Category-Wise News Consumer interest-based News Headlines and Trending News Categorized News to help users reach content.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Up-to-date News User-friendly Application Compact and Clean UI Trust-worthy and reliable News Cloud-based microservices Interest based News Filtering function Searching the information Specific criteria and parameters.
NFR-2	Security	Authentication and password management Spam of offensive comments. Safe from bots
NFR-3	Reliability	Trusted News sources Instant news at any particular time Location of the news
NFR-4	Performance	Relevancy based news/story shared first. Keep your user's attention with list views
NFR-5	Availability	More sub-categories are available.