

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

Date	03 October 2022
Team ID	PNT2022TMID07753
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 Facebook
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login via username & password Login via Gmail Login via Facebook
FR-4	Searching	Search the news based on the user interest Showing the trending news on search Showing the Category- wise news User can save the news needed and view them later Help users find favourite content
FR-5	Real time News	User can see the real news with real time update Auto update news because it fetches news from API Show the Number of comments on an article and the number of comments can be used as a measure of comment popularity
FR-6	Location based	User can view the news based on their location

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The news is updated almost every minute, as endless news data flow, the user should always be able view exactly information that interest him/her at the moment. Search and Filtering function will provide the users with the opportunity to search for information of their interest according to specific criteria and parameters.
NFR-2	Security	Authentication and password management In the comments section, many users can be rude or cruel, so using algorithms which can help classify the comments into offensive comments.
NFR-3	Reliability	100% reliable news, to improve trustworthiness.
NFR-4	Performance	Fast and secure connection to make sure, the application doesn't lag or take too much time to respond to a request.
NFR-5	Availability	Since the application is deployed in cloud, it is available to every category of users.
NFR-6	Scalability	Since the application is deployed in cloud, it is easily scalable.