

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

Date	03 October 2022
Team ID	PNT2022TMID50731
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	User Login	Login to the application using the user credentials i.e., username and password.
FR-4	News by Category	The user can select the news content based on the category such as education, technology , sports, commodities etc., It also allows the user to access the news articles in which that they have been interested to read.
FR-5	Search and Filter News	The user can search the news articles and other related news using the search option and the application filter the news content and display to the user.
FR-6	Home Page	In the home page, the news can be displayed to the user using the News API. The top headlines can be displayed in this section.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The application is user-friendly and the user can easily access and read the news and know the current events and stay updated. The users can be use this application easily through the internet.
NFR-2	Security	The user can know their own username and password. The unauthorized users cannot use the username and password of the registered users.
NFR-3	Reliability	The news that can be fetched from News API can be a reliable news. The personal details of the application be secure and no third parties involved in this application.

NFR-4	Performance	While the user interacting with the application, the news content can be displayed quickly. While the user login to the application the response is speed. In search bar, the news can be searched and filtered fastly.
NFR-5	Availability	The news articles can be accessed from anywhere and at anytime by the user.
NFR-6	Scalability	Any number of users can be used this application. The response provided by the application is scalable.