

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

Team ID	PNT2022TMID06095
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 online application
FR-2	User Confirmation	Confirmation via Email with OTP
FR-3	User Login	Login through browser directly by entering username and password
FR-4	User interaction	User goes through the filtered news provided by application
FR-5	User Account Settings	User can update account credentials, update interests and choices of news and report any issues

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 easily navigable, it has an interface which is user-friendly. The login/register page has simple terms which can be filled by a user who has not done it before. The user interface navigates the user to the Home page and asks for interests. The settings can be quickly accessed by the user by going to the account settings, where the credentials and interests can be changed anytime.
NFR-2	Security	User can only login with their own Email ID and password without their Email and password no one can use the App.
NFR-3	Reliability	The application should be able to perform without failure in 95 percent of all use cases during a month since the IBM cloud doesn't face down time so often.
NFR-4	Performance	It is a high performable App with friendly User Interface and shares lot of information without any Issues.
NFR-5	Availability	News is available to the users 24/7. Chatbot is available in this app to rectify the queries of the users.
NFR-6	Scalability	The application should be able to handle upto 10,000 users at a time considering the cloud factors.