

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

Date	03 October 2022
Team ID	PNT2022TMID20692
Project Name	Project - 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
FR-2	User Confirmation	Confirmation via Email
FR-3	User Login	User will login using the username and password
FR-4	Searching based	Consumer interest-based News. Search the news based on the user's interest. Showing the trending news on search. Showing the Category- wise news
FR-5	User information	Users can include their information in preferred topic so that they could be recommended by the application.
FR-6	Chatbot	Chatbot assistance for users

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It is user friendly and gives clear workflow to the users. Users can clear their queries with the chatbot.
NFR-2	Security	It is secure as the passwords and users information are encrypted properly.
NFR-3	Reliability	This app can be accessed anywhere and anytime. Users can download the news offline.
NFR-4	Performance	The request and response time is good
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	Users can scale up or down their fields of interest in future.