

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

Date	30 October 2022
Team ID	PNT2022TMID44807
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	Interests from	Get interests of user during initial login. Can change the interest by editing the interest.
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	<b>Usability</b>	It is user-friendly and provides a user with a clear process.
NFR-2	<b>Security</b>	It is more secure as the passwords are encrypted in the basis of security.
NFR-3	<b>Reliability</b>	As the information comes from dependable sources and cannot be faked, it is trustworthy.
NFR-4	<b>Performance</b>	The request time is good and response time is also good.
NFR-5	<b>Availability</b>	News and data is available to the users 24/7.
NFR-6	<b>Scalability</b>	Users can change the scope of their interests in the future.