

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

Date	03 October 2022
Team ID	PNT2022TMID46077
Project Name	News Tracker Application

**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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	User using his /her device to login to the app/website for reading news
FR-4	User search	For getting news he/she must need to search the news in the given search bar, Which will collect the news according to his search from the online sources like blog, e-news paper, Articles etc
FR-5	User Reads	Gathered news will be shown to the user in short lines/ summary manner. Along with news Pictures, hyperlinks for the blog, article Or original publisher of the news is given
FR-6	User features	User can have lot of features like Like and share and Post features.

### Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	For getting news he/she must need to search the news in the given search bar, Which will collect the news according to his search from the online sources like blog, e-news paper,Articles etc. Gathered news will be shown to the user in short lines/ summary manner. Along with news Pictures, hyperlinks for the blog, article Or original publisher of the news is given
NFR-2	<b>Security</b>	User's data for the Registration and data collected from his activity are maintained in high security and must be used for only product improvement. Disclosing of his/her detail is considered as a crime hence they can take any legal actions against the service provider.
NFR-3	<b>Reliability</b>	News gathered and presented to the user are from only authorized publishers, and the sources are authentic. User can relay on this app for original news .
NFR-4	<b>Performance</b>	24*7 service with best cloud service, There will be no performance issue to the users.
NFR-5	<b>Availability</b>	Can download from Playstore and online websites.
NFR-6	<b>Scalability</b>	Hence it is cloud based system Scalability will be no issue because Scalability is the prior feature of the cloud based services.