

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

Date	03 October 2022
Team ID	PNT2022TMID27972
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 Email Registration through Phone
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Profile Completion	Get personal details like name, news reading plan, phone number, gender, etc.
FR-4	Display news	Integrate Rapid api and display the headline news
FR-5	Search news	User can search their favorite category of news

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Provide user friendly UI Simple and intuitive design
NFR-2	<b>Security</b>	Comprehensive authorization and authentication scheme for each system actor
NFR-3	<b>Reliability</b>	The system must perform without failure in 95 percent of use cases
NFR-4	<b>Performance</b>	The landing page supporting several users must provide 5 second or less response time
NFR-5	<b>Availability</b>	Uninterrupted services must be available all time except the time of server updation.
NFR-6	<b>Scalability</b>	Provide horizontal or vertical scaling for higher workloads.