

PROJECT DESIGN PHASE-II

SOLUTION REQUIREMENTS (FUNCTIONAL & NON-FUNCTIONAL)

Date	03 October 2022
Team ID	PNT2022TMID07331
Project Name	Project – 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 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	Usability	Provide user friendly UI Simple and intuitive design
NFR-2	Security	Comprehensive authorization and authentication scheme for each system actor
NFR-3	Reliability	The system must perform without failure in 95 percent of use cases
NFR-4	Performance	The landing page supporting several users must provide 5 second or less response time
NFR-5	Availability	Uninterrupted services must be available all time except the time of server updating.
NFR-6	Scalability	Provide horizontal or vertical scaling for higher workloads.