

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

Date	15 October 2022
Team ID	PNT2022TMID37814
Project Name	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 Manually Registration through Gmail Registration through Website
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Manually entering username and password Login with Gmail
FR-4	User Interaction	User goes through simplified interface View the recommended content Enter their desired content
FR-5	User Account Setting	Updation of account credentials Change scope of interests

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The application is user-friendly having a simple interface which enables easy navigation of a beginner.
NFR-2	Security	The system protects user data from theft. Content collected from only authentic sources is approved.
NFR-3	Reliability	Effective performance in most cases without system downtime. Fix failure issues within short time.
NFR-4	Performance	Fast page loading time. Immediate response to user action. Effective target operation upto certain workload.
NFR-5	Availability	The application is accessible almost 98 percent of the time.
NFR-6	Scalability	The system is capable to handle a large number of user requests. Two ways to enable system scale: horizontal and vertical scaling.

