

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

Date	15 October 2022
Team ID	PNT2022TMID53234
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 through Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email
FR-3	Reading news	The website should have a simple interface with the possibility to observe many news with small descriptions in one page. Pushing the link/button “read more” to see full information.
FR-4	Sharing	The website should have tools to share this news in social media.
FR-5	Searching	Search for a specific topic of news.
FR-6	News personalization	Select news topics that user wants to see Populate feed with the relevant news

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none">- Clear and elegant UI- Clear, precise and well formatted content.- Accessibility features
NFR-2	Security	<ul style="list-style-type: none">- Set standards for strong password- No sensitive user data is stored.- Privacy and anonymity. Protects against doxxing or other such attacks.
NFR-3	Reliability	<ul style="list-style-type: none">- Reliable sources of news.
NFR-4	Performance	<ul style="list-style-type: none">- light-weight (should not have lags on non-powerful devices, and should load fast even if the user has a low-speed connection).
NFR-5	Availability	<ul style="list-style-type: none">- Should be available over the internet- Minimal downtime for maintenance
NFR-6	Scalability	<ul style="list-style-type: none">- Easily scalable to large number of users