

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

Date	13.10.2022
Team ID	PNT2022TMID12507
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 registration form
FR-2	User Confirmation	Confirmation via Email
FR-3	All news feed displayed	The recent news fetched from the API will be displayed to the user.
FR-4	Filter Option	Using filter option the user can be able to filter the news according to their interest.
FR-5	Search Option	Using Search option the User can be able to search a particular topic related news.
FR-6	Language Based	The language of the news that are displayed to the user can be changed according to the interest of the user.
FR-7	Edit Profile	The user can be able to edit their profile details whenever needed.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The UI should be accessible for everyone irrespective of their details like location, language, Interest etc. User should have the flexibility of using the application in any of the devices. Despite of the device the content should be delivered in the correct way.
NFR-2	Security	Only the Authorized users can access the system with their credentials. And no others can able to access the application other than them.
NFR-3	Reliability	The priority for breaking news should be displayed according to their location is first. If it is not available or cannot able to display it then other news should be displayed. That is some kind of

		<p>news should always be displayed to the user whenever they uses the application .</p> <p>The recovery of the application should be immediate such that the downtime of the application should be negligible.</p>
NFR-4	Performance	The performance of the system should be reliable with high-end servers on which the software is running.
NFR-5	Availability	<p>The application should be available to all kind of authorized users all the time.</p> <p>Even when the application needs to be updated the existing modules and their functionalities should be available to the users.</p>
NFR-6	Scalability	The whole software deployed must be easily scalable as the customer base increases.