

Project Design Phase -II

Solution Requirement (Functional & Non-functional)

Date	30 October 2022
Team ID	PNT2022TMID34044
Project Name	News Tracker Application
Maximum Mark	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No:	Functional Requirement(Epics)	Sub Requirement(story/sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Filter Option	The user can filter the news based on their interests by using the filter option.
FR-4	Search Option	The user has the ability to look for news pertaining to a specific topic using the search option.
FR-5	All news feed displayed	The user will see the most recent news that was fetched from the API.
FR-6	Edit profile	When necessary, the user may modify the information in their profile.

FR-7	Language Based	Depending on the user's interests, the language of the news that is displayed to them can be altered.
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Non-functional Requirement

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

FR NO:	NonFunctional Requirement	Description
FR-1	Usability	The UI should be accessible for everyone irrespective of their details like location, language, Interest etc. Users should have the flexibility of using the application in any of the devices. Despite the device the content should be delivered in the correct way.
FR-2	Security	Only the Authorized users can access the system with their credentials. And no others are able to access the application other than them.
FR-3	Reliability	The priority for breaking news should be displayed according to their location first. If it is not available or cannot be displayed then other news should be displayed. That is some kind of news should always be displayed to the user whenever they use the application. The recovery of the application should be immediate such that the downtime of the application should be negligible.
FR-4	Performance	The performance of the system should be reliable with high-end servers on which the software is running.
FR-5	Availability	The application should be available to all kinds of authorized users all the time. Even when the application needs to be updated the existing modules and their functionalities should be available to the users.
FR-6	Scalability	The whole software deployed must be easily scalable as the customer base increases.

