

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

Date	15 October 2022
Team ID	PNT2022TMID29977
Project Name	Project - 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	<ul style="list-style-type: none">Registration through FormRegistration through Gmail
FR-2	User Confirmation	<ul style="list-style-type: none">Confirmation via EmailConfirmation via OTP
FR-3	Real time news	<ul style="list-style-type: none">Auto update news because user updates the really happend news.user can see the real information from real updates .
FR-4	Searching	<ul style="list-style-type: none">Search based on the interest of the user.Category wise news.User can save the news which they want study later.Shows trending information on search bar .
	Authorization	<ul style="list-style-type: none">Displays only verified news.
FR-5	Detailed analysis	<ul style="list-style-type: none">Fetch the deatiled news.Displays the summarized news.
FR-6	User friendly	<ul style="list-style-type: none">User(app user) can update the location based information at any where at any time.User(app user) can see the information with in instant time .

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
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NFR-1	Usability	<ul style="list-style-type: none"> • The information is updated almost every minute, in all this endless news flow, the user should always be able view exactly information that interest him/her at the moment. • Search and filtering function will provide the user with the opportunity to search for information on their interests.
NFR-2	Security	<ul style="list-style-type: none"> • Authorization management • some of the users give fake news so this becomes the fault. we can rectify this by giving verified news.
NFR-3	Reliability	<ul style="list-style-type: none"> • Doesn't give the fake information • Gives location based information • Gives information at very instant time.
NFR-4	Performance	<ul style="list-style-type: none"> • Shows users the most relevant story first. • Keep your user's attention with list views. • Keep users In-App for longer with related post.
NFR-5	Availability	<ul style="list-style-type: none"> • Gives history of the previous news that happened. • Before related to the present news. • Continuous running for particular thing, minimum idle time .
NFR-6	Scalability	<ul style="list-style-type: none"> • Keep users In-App for longer with related post. • Get more user's by encouraging by giving the verified news. • free of cost to the user.