

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	15 October 2022
Team ID	PNT2022TMID33309
Project Name	Project – NEWS TRACKER APPLICATION
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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 Form ➤ Registration through Gmail
FR-2	User Confirmation	<ul style="list-style-type: none"> ➤ Confirmation via Email ➤ Confirmation via OTP
FR-3	Searching	<ul style="list-style-type: none"> ➤ User can look for new items based on their interests. ➤ The user can extract a certain domain by using the favourites option. ➤ The user can read it later on by utilising the save option.
FR-4	Real time News	<ul style="list-style-type: none"> ➤ Client can see the certifiable news with steady update. ➤ By counting the comments, we can examine the sincere criticism.
FR-5	Location based	<ul style="list-style-type: none"> ➤ User can see the news close to their area ➤ User can track the news by choosing preferred location ➤ The user can view local news in their area and follow it by selecting a preferred place.
FR-6	User friendly	<ul style="list-style-type: none"> ➤ Chatbots allow users to quickly and simply address. ➤ Each users own articles can be published.

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">➤ The user should always be able to examine exactly the information that interests him or her at the time because the news is changed virtually every minute.➤ Users will have the option to look for information of interest based on particular criteria and parameters thanks to the Search and Filtering tool.
NFR-2	Security	<ul style="list-style-type: none">➤ Authentication and password management➤ During the comment process, many users may be impolite or cruel, thus it is important to consider algorithms that will let you block harsh remarks and spam..
NFR-3	Reliability	<ul style="list-style-type: none">➤ Steer clear of fake news .➤ Instant news in real time and news location tracking.
NFR-4	Performance	<ul style="list-style-type: none">➤ Users are kept in-app longer with related posts.➤ Show the most pertinent stories to users first.➤ Keep your user's attention with list views.
NFR-5	Availability	<ul style="list-style-type: none">➤ Continuous operation, such as nonstop operation with little downtime .➤ A history of recently-occurred news prior to discussing the most recent news.
NFR-6	Scalability	<ul style="list-style-type: none">➤ Increase user numbers by promoting social sharing➤ Users are kept in-app longer with related posts.