

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	16 October 2022
Team ID	PNT2022TMID33284
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	01. Registration through Form 02. Registration through Gmail 03. Registration through LinkedIn 04. Registration through Mobile Number 05. Registration through Facebook
FR-2	User Confirmation	01. Confirmation via Email 02. Confirmation via OTP

FR-3	Searching	01. Search the news based on the user interest 02. Showing the trending news on search 03. Showing the Category- wise news 04. User can save the news needed and study later 05. Searching Option Should Include Voice Assist
FR-4	Real time News	Auto update news because it fetches news from API
FR-5	Location based	01. User can view the news based on their location 02. User can also change his location. 03. The Application Should recommend According to the place He / She is located

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	01. The application should have a search bar for searching news based on keywords what the user needs to search for it 02. The Application Should Recommend his title when he / she is typing some of the letters of the title
NFR-2	Security	The Login details of the user will be Secured by the policy of the application

NFR-3	Reliability	<p>01. The application should provide appropriate and verified news.</p> <p>02. The Application Should Not Provide Any Fake or Wrong News to the users</p>
NFR-4	Performance	<p>01. To keep users In-App for longer duration by showing related articles.</p> <p>02. To show users the most relevant story first</p> <p>03.The Application should not irritate the user</p>
NFR-5	Availability	The Application is available at Apple Store, Play Store, official Websites
NFR-6	Scalability	<p>01. Gaining more users by encouraging social sharing.</p> <p>02. Making advertisement and telecasting on social media platforms such as WhatsApp, Facebook, Twitter, Instagram etc.</p>