

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

Date	03 October 2022
Team ID	PNT2022TMID02787
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	Searching	<ul style="list-style-type: none">Search the news based on the user interest.Trending news will be shown.User can choose the genre.
FR-4	Real-time News	<ul style="list-style-type: none">User could see the real news from trusted sources.Auto update news because it fetch news from NEWS-API.
FR-6	Location Based	<ul style="list-style-type: none">User could see their country news.They could also see other country news.

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 news is updated almost every second, it does not affect the user who reads his/her favourite news.
NFR-2	Security	<ul style="list-style-type: none">Authentication and Password Management.
NFR-3	Reliability	<ul style="list-style-type: none">Avoid fake news.Instant news.Location based news.
NFR-4	Performance	<ul style="list-style-type: none">Smooth UI makes the user to stay in app.Showing the current trending news first.
NFR-5	Availability	<ul style="list-style-type: none">Minimum idle time is 24/7.Recent news will based on user's previous news visit.
NFR-6	Scalability	<ul style="list-style-type: none">Get more user's attention by sharing the app in social media

