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

Date	03 October 2022
Team ID	PNT2022TMID32880
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	• Registration through Form • Registration through Gmail
FR-2	User Confirmation	• Confirmation via Email • Confirmation via OTP
FR-3	Searching	• Search the news based on the user interest. • Trending news will be shown. • User can choose the genre.
FR-4	Real-time News	• User could see the real news from trusted sources. • Auto update news because it fetch news from NEWS-API.
FR-6	Location Based	• 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**	• The news is updated almost every second, it does not affect the user who reads his/her favourite news.
NFR-2	**Security**	• Authentication and Password Management.
NFR-3	**Reliability**	• Avoid fake news. • Instant news. • Location based news.
NFR-4	**Performance**	• Smooth UI makes the user to stay in app. • Showing the current trending news first.
NFR-5	**Availability**	• Minimum idle time is 24/7. • Recent news will based on user's previous news visit.
NFR-6	**Scalability**	• Get more user's attention by sharing the app in social media