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

Date	23 October 2022
Team ID	PNT2022TMID43386
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	Registration through Form Registration through Gmail Registration via website
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login through website with user id and password
FR-4	Sharing	The website should have feature to share news in other social media
FR-5	Searching	Feature of searching a news in the feed
FR-6	Customization	Displaying news that is relevant to their interest which was given during the registration process

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	- Simple and elegant UI - Clear and well formatted content. - End users can receive push updates for new content on a site.

NFR-2	**Security**	• To set strong password • No sensitive user data is stored.
NFR-3	**Reliability**	• Contents displayed from trusted sources
NFR-4	**Performance**	• Should not have lags on non-powerful devices, and should load fast even if the user has a low-speed connection.
NFR-5	**Availability**	• Available even at high traffic and minimal downtime for maintenance
NFR-6	**Scalability**	• Both Vertical and horizontal scaling will be considered to assesses the highest workloads under which the system will still meet the performance requirements.