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

Date	19 September 2022
Team ID	PNT2022TMID32326
Project Name	News Tracker Application

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	Registration through Form Registration through Gmail Registration via website
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 nonpowerful devices, and should load fast even if the user has a lowspeed 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.