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

Date	03 October 2022
Team ID	PNT2022TMID32390
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 through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Help Users Find Content With Categories	If the App Readers want to Access Different types of Content,We Need to Provide an Easy way to them. Adding 'Content Categories' to the Main App Menu is the Perfect way to do this.
FR-4	Make Ads User-Friendly	The Advertising Methods,Such as Native in -Feed Advertisements are UX-Friendly that helps us Generate more Revenue, and Provide a Better user Experience to the App Readers
FR-5	Increase Subscriptions By Allowing Registrations	Including a Feature of 'Create Accounts' in the News Apps Enable the users to Register on the App and use their Accounts to read the Most Happening Content First. It will help us to Gather the Most useful's user data , Such as the App Readers Loyalty and the Type of Content they are interested in.
FR-6	Display the Most Relevant Story First	It is an important Step to Display the Most Recent or top Story first to the App users.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	People Who are all Not Able to Buy the News Paper can Use Our App. It is Cost Effective.

		People Can filter out their news According to their Choice.
NFR-2	**Security**	Access Permission for the Particular System Information may only be Changed by the Systems Data Administrator.
NFR-3	**Reliability**	The Database update Process must Roll Back all Related updates when Any Update Fails. The User Can access the Website, Even in Rural Areas.
NFR-4	**Performance**	The Front-Page load time must be no more than 2 seconds for users that Access the Website using an LTE mobile Connection.
NFR-5	**Availability**	New Module Deployment mustn't impact Front page News pages and Check out Pages Availability and mustn't take Longer than one Hour. The Rest of the Pages that may Experience problems must display a notification with a timer Showing when the System is Going to be up Again.
NFR-6	**Scalability**	The Website Traffic Limit must be Scalable enough to Support 200,000 users at a time.