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

Date	25-11-2022
Team ID	PNT2022TMID34588
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 Gmail
FR-2	User Confirmation	Confirmation via Email
FR-3	user login	User login with username and password Login with Gmail
FR-4	User Account Settings	User can update account credentials, update interests and choices of news and report any issues

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The application is easily navigable, it has an interface which is user-friendly. The login/register page has simple terms which can be filled by a user who has not done it before. The user interface navigates the user to the Home page and asks for interests.
NFR-2	**Security**	The application uses Google OAuth 2.0 / Auth0 for User authentication
NFR-3	**Reliability**	The application should be able to perform without failure in 95 percent of all use cases during a month since the IBM cloud doesn't face down time so often.

NFR-4	**Performance**	The application's news feed page has a loading time of 6 seconds.
NFR-5	**Availability**	The application must be available to the users at least 99% of the time in a month
NFR-6	**Scalability**	The application should be able to handle upto 10,000 users at a time considering the cloud factors