Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	17 October 2022
Team ID	PNT2022TMID51114
Project Name	Project – News Tracker Application
Maximum Marks	4 Marks

Functional Requirements:

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	User Profile	It should maintain a user profile where the customer registers his/her preferences. It enables the news app to push appropriate notifications depending on the user interests.
FR-4	Push Notifications	The news app can do so by pushing notifications at regular intervals.
FR-5	Updates	The news keeps arriving every minute. Hence, the news app should have the updating facility every five minutes.
FR-6	Choose your favorites	This option allows users to choose their favourite sections. It also helps the news apps to increase their base.

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Free access to know the current news. Updated news are go through at any time. portability to all devices. recommended topics are shown at the home page so people can easily find out.
NFR-2	**Security**	Authenticated users/followers only allow to access the website. If new users want to know the data are checked once based on given input email, id, location etc…. Creators only access the news. Admin profiles and private account details are protected. Illegal activities are changing the data it indicates the warning to the admin.
NFR-3	**Reliability**	It is flexible. And it avoids fake news.
NFR-4	**Performance**	Performance is best. It avoids latency.
NFR-5	**Availability**	Its available in 24/7.So users can find a topic at any time. Many categories are available.

NFR-6	**Scalability**	It response number of request at a time, deliver its solution to user as fast as possible in best visualize way.