

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

Date	03 October 2022
Team ID	PNT2022TMID39302
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 Form Registration through Gmail Registration through Linked IN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login through application directly by entering user name & password Login through Gmail
FR-4	Uploading item	Uploading function can be done by user who has registered on the application. it is a news item is determined & edited by the administrator or editor & then it is displayed on the home page. Registered user can also add comment on the other news as well.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR -5	Search Topic	Search function does not require any authentication from its user so any user can perform this function. If a user searcher for a news item then the news will be displayed on screen . If it related to the search topic.
FR - 6	Sharing	The application should have tools to share the news in social networks.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Checking that the system is easy to handle & navigate in the most expected way with no delays. In that case the system reacts accordingly & transverse quickly between its states.
NFR-2	Security	All the system data must be backed up every day & the backup copies stored in another server at different location for disaster recovery.so no data loss occurs .user can only login then they use the correct email & password. Any eligible person can become a content writer only after allowed by the administrator.
NFR-3	Reliability	The system shall have a minimum uptime of 99% excuding time pre-schedule for maintanece for upgrade. We assure that the problem is completely authenticated in order to enhance security & corruptions of data base as the application. The person is given as an access only if he/she as a valid email & password both for user & content writer.
NFR-4	Performance	The system respond time must be less then 30 sec for the user interface. or else the system the show TIMED OUT. Application get the authenticated content writers & other sources which are available in other sources portion

FR No.	Non-Functional Requirement	Description
NFR-5	Availability	Checking that the system always has something to function & always popup error messages component failure. In that case the error messages appear when something goes wrong so to prevail availability problems .The web application is available 24/7 at any where
NFR-6	Scalability	Our solution that we provide based on cloud application like news tracker application scaling up make hardware strong : scaling out ads additional node . It refers more data storage capacity or processing power , u want a system that can scale easily & quickly.