

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

Date	04 November 2022
Team ID	PNT2022TMID50117
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 LinkedIn Registration through Phone number
FR-2	User Confirmation	Confirmation via OTP(Email) Confirmation via OTP(SMS)
FR-3	Transactions processing	Payment through Online
FR-4	Authentication	Through Email Through SMS
FR-5	Reporting	Through App Through Email Through SMS

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	24/7
NFR-2	Security	Access permissions for the particular system information may only be changed by the system's data administrator.
NFR-3	Reliability	Automatic restart and operation recovery.
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, product 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/app attendance limit must be scalable enough to support 200,000 users at a time.