

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

Date	23 October 2022
Team ID	PNT2022TMID21106
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
FR – 2	User Confirmation	Confirmation via Email Confirmation via OTP
FR – 3	Find Content based on Topic and Region	Users should be able to find articles or content based on the region they are in or using a search bar for content based and region-based searches
FR – 4	User – friendly Ads	Advertisements are great revenue generators and they should be displayed as web banners.
FR – 5	Real time news updates	An auto refresh feature should be enabled for users to read latest content without a lapse in time
FR – 6	Allowing subscriptions and registrations	Adding subscription feature and registrations can be used to track user's loyalty and the type of content they're interested in

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none">• Simple and elegant User Interface• The feed and content should be aligned well and application should be responsive to all devices
NFR-2	Security	<ul style="list-style-type: none">• Strong password requirements should be set• Two-step verification for every login• No sensitive data should be stored
NFR-3	Reliability	<ul style="list-style-type: none">• The content of the feed should be verified by reporters
NFR-4	Performance	<ul style="list-style-type: none">• Seamless and smooth transition of pages• Low lapse of time in case of lower end devices
NFR-5	Availability	<ul style="list-style-type: none">• Web application delivered over the internet• Low downtime for production changes and maintenance
NFR-6	Scalability	<ul style="list-style-type: none">• Scalable and simple application that is made available to customers and users