

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

Date	2 November 2022
Team ID	PNT2022TMID13731
Project Name	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	News feed System	Sort of news from all media. The news may be audio, video ,text, etc.
FR-2	Text vectorization	Tokenization, stemming, vectorization, classification ,clustering.
FR-3	Algorithms for detection	K means cluster,Random forest,SVM
FR-4	Cloud application	Storage, Access, Retrieval of the code and the pacakage.
FR-5	Flask project	Easy to login

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	It is user friendly and highly usable by the readers.
NFR-2	<b>Security</b>	The news which are accessed by user are encrypted and verified handed to the readers
NFR-3	<b>Reliability</b>	It can filter and more reliable to deliver the exact content to the readers
NFR-4	<b>Performance</b>	Is is high accuracy
NFR-5	<b>Availability</b>	It is available in low level to high level
NFR-6	<b>Scalability</b>	Highly scalable