

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

Date	31 January 2025
Team ID	SWTID1741529222158054
Project Name	News app
Maximum Marks	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

**Functional Requirements - News App**

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	News Home	Top News
FR-2	News Genre	General, Health, Technology, Politics, Art & Culture
FR-3	NewsLetter	NewsLetter subscription

**Non-functional Requirements:**

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The app should have an intuitive and user-friendly interface, ensuring smooth navigation and accessibility for users of all demographics.
NFR-2	Security	User authentication and data must be secured using encryption (e.g., HTTPS, OAuth for third-party logins). The app should prevent unauthorized access and follow best security practices.
NFR-3	Reliability	The app should ensure a consistent and uninterrupted music streaming experience, minimizing crashes and

		downtime. Songs should load and stream with minimal
<b>NFR Performance</b> <b>-4</b>	<b>NFR Availability</b>	buffering. The app should respond to user interactions (search, playback, playlist management) within 2 seconds. The
<b>-5</b> <b>NFR Scalability</b> <b>-6</b>		system should maintain an uptime of at least 99.9%, ensuring accessibility across different time zones. The app should handle increasing numbers of
		users and concurrent streams efficiently without performance degradation. The architecture should support future feature expansion.