**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 31 January 2025 |
| Team ID | SWTID1741257268149879 |
| Project Name | InsightStream: Navigate the News Landscape |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

**Functional Requirements – News App**:

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| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| **FR-1** | **News Home** | Display top news |
| **FR-2** | **News Genre** | Categories: General, Health, Technology, Politics, Art & Culture |
| **FR-3** | **Newsletter** | Newsletter subscription |

**Non-functional Requirements:**

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

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| --- | --- | --- |
| **NFR No.** | **Non-Functional Requirement** |  |
| **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 news browsing experience, minimizing crashes and downtime. |
| **NFR-4** | **Performance** | News articles should load quickly with minimal delay. The app should respond to user interactions (search, category selection, article loading) within 2 seconds. |