**Project Design Phase-II**

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

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| --- | --- |
| Date | 31 January 2025 |
| Team ID | SWTID1741257592149925 |
| 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 |

**Non-functional Requirements:**

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

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| --- | --- | --- |
| **NFR No.** | **Non-Functional Requirement** | **Description** |
| **NFR-1** | **Usability** | The app should have a clean and simple UI, ensuring easy navigation and readability for all users. |
| **NFR-2** | **Performance** | News articles, images should load within **2 seconds** for a seamless user experience. |
| **NFR-3** | **Reliability** | The app should ensure uninterrupted access to news by handling API failures gracefully |
| **NFR-4** | **Availability** | The system should maintain **99.9% uptime**, ensuring continuous access to news content. |
| **NFR-5** | **Scalability** | The app should efficiently handle multiple API requests and scale as user demand increases. |