**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 11 October 2022 |
| Team ID | PNT2022TMID11929 |
| 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 | User Registration | Registration through Form |
| FR-2 | User Confirmation | Confirmation via Email |
| FR-3 | User Login | Login Via Email ID & Password |
| FR-4 | Home Page | Shows the NEWS Headlines. |
| FR-5 | Tracker Page | Shows the NEWS elaboratively when the NEWS Headline of the Home page is clicked. |
|  |  |  |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Our Website is used to Read News and gain Knowledge according to user's interest. |
| NFR-2 | **Security** | User can only login with their own Email ID and password without their Email and password no one can use the App. |
| NFR-3 | **Reliability** | Our Website delivers the reliable content only from NEWS API. |
| NFR-4 | **Performance** | It is a high performable App with friendly User Interface and shares lot of information without any Issues. |
| NFR-5 | **Availability** | Our Website is supported with all search Engine so it will Avail for User at any time. |
| NFR-6 | **Scalability** | This Website is built with high data storage capacity, processing power and networking can all be scaled using cloud computing  infrastructure. scaling can be done quickly and easily. |