**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 17October 2022 |
| Team ID | PNT2022TMID50490 |
| Project Name | Project – 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  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | News Categories | Divide the news in different categories. For example, National, International, politics. |
| FR-4 | News Content | Contents refers to the Multimedia, photographs, political cartoons etc.. |
| FR-5 | News Identification | By uploading the image, can identify the news |
| FR-6 | News Description | News reports have a certain structure that you need to follow. This structure is sometimes called the inverted pyramid. |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Ease of use and user-friendly interact that allow users to seamlessly interact with the product.. |
| NFR-2 | **Security** | App operation and use safety requirements related to access control, private data processing and external attack risk reduction. |
| NFR-3 | **Reliability** | App behaviour in case of alarm status, for example, automatic restart and operation recovery. |
| NFR-4 | **Performance** | How many simultaneous users or transaction the system is to services and its response time . |
| NFR-5 | **Availability** | Requirements for app continuous running. |
| NFR-6 | **Scalability** | Ways to expand the system and avoid adversely affected performance. |