**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 03 October 2022 |
| Team ID | PNT2022TMID45363 |
| 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 phone Number |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User interests | People can read news based on their interests  News feed can show news based on their frequently searched news. |
| FR-4 | User access | It is user friendly  Any user can access easily with their mobile phones.  They can also download the news and access it on offline. |
| FR-5 | User authentication | It has a good security authentication.  Where user’s data cannot be stolen.  User’s data can be safe and secured. |
| FR-6 | Location access | User can access it from anywhere at any time.  News can be updated with the original location sources  So, it can be easy to identify and witness if it real or not. |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Any user can use this application easily because of its simple interface which can be easily understandable  Any type of people such as kids, specially abled, aged people can access it easily. |
| NFR-2 | **Security** | It has a high security.  It comes with strong passwords and authentication which is highly secured. |
| NFR-3 | **Reliability** | News can be real and fake news can be automatically deleted if it has proven to be fake.  News can be got from reliable sources. |
| NFR-4 | **Performance** | News can be updated every second.  User can share their comments publicly.  User can be attracted to the better UI design and gets engaged with the page. |
| NFR-5 | **Availability** | User can access at anytime  All categories of news can be available.  User can search their category and read. |
| NFR-6 | **Scalability** | High capacity to handle growth.  It can handle more users at a time.  It can also satisfy the user’s needs. |