**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 03 October 2022 |
| Team ID | PNT2022TMID04471 |
| 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 |
| FR-2 | User Confirmation | Confirmation via Email |
| FR-3 | User Login | User will login using the username and password |
| FR-4 | Searching based | Consumer interest-based News.  Search the news based on the user’s interest.  Showing the trending news on search. Showing the Category- wise news |
| FR-5 | Interests from | Get interests of user during initial login Can edit the interests |
| FR-6 | Chatbot | Chatbot assistance for users |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | It is user friendly and gives clear workflow to the users |
| NFR-2 | **Security** | It is secure as the passwords are encrypted |
| NFR-3 | **Reliability** | It is reliable as the data is from trusted resources and cannot be fake. |
| NFR-4 | **Performance** | The request and response time is good |
| NFR-5 | **Availability** | News is available to the users 24/7. |
| NFR-6 | **Scalability** | Users can scale up or down their fields of interest in future. |