

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

|               |                          |
|---------------|--------------------------|
| Date          | 04 Nov 2022              |
| Team ID       | PNT2022TMID10110         |
| Project Name  | News Tracker Application |
| Maximum Marks | 4 Marks                  |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

| <b>FR No.</b> | <b>Functional Requirement (Epic)</b> | <b>Sub Requirement (Story / Sub-Task)</b>   |
|---------------|--------------------------------------|---|
| FR-1          | User Registration                    | Registration through Facebook<br>Registration through Gmail<br>Registration through Mobile Number                                       |
| FR-2          | User Confirmation                    | Confirmation via Email<br>Confirmation via OTP<br>Confirmation via Mobile OTP   |
| FR-3          | Favorites                            | Search and follow favorite feeds  |
| FR-4          | NEWS Feed                            | The news feed is generated using the posts from other entities in the system that the user followed or the user might be interested in. |
| FR-5          | Posts                                | The posts might have text, image and video.   |

**Non-functional Requirements:**

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

| <b>FR No.</b> | <b>Non-Functional Requirement</b> | <b>Description</b>  |
|---------------|-----------------------------------|---|
| NFR-1         | <b>Usability</b>                  | The UI of the NEWS tracker app is straightforward to make it accessible to everyone. Access to the user's preferred news and magazines. User receives immediate notification about relevant topics. |
| NFR-2         | <b>Security</b>                   | To ensure the security of the user related data and app data.   |
| NFR-3         | <b>Reliability</b>                | How quick the user issues are resolved.   |
| NFR-4         | <b>Performance</b>                | How quick the app responds for user inputs and how quickly the issues are rectified.  |

|       |                     |  |
|-------|---------------------|--|
| NFR-5 | <b>Availability</b> | App provides instant news feeds and in how many languages news feeds are available.  |
| NFR-6 | <b>Scalability</b>  | How the app will be upgraded for future needs while maintaining its current level of performance and adding security features. |