

## PROJECT DESIGN PHASE-II

### SOLUTION REQUIREMENTS (FUNCTIONAL & NON-FUNCTIONAL)

|              |                                    |
|--------------|------------------------------------|
| Date         | 03 October 2022                    |
| Team ID      | PNT2022TMID07384                   |
| Project Name | Project – News Tracker Application |

#### 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 Email<br>Registration through Phone                      |
| FR-2   | User Confirmation             | Confirmation via Email<br>Confirmation via OTP                                |
| FR-3   | User Profile Completion       | Get personal details like name, news reading plan, phone number, gender, etc. |
| FR-4   | Display news                  | Integrate Rapid API and display the headline news                             |
| FR-5   | Search news                   | User can search their favorite category of news                               |

#### NON-FUNCTIONAL REQUIREMENTS:

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

| FR No. | Non-Functional Requirement | Description   |
|--------|----------------------------|---|
| NFR-1  | Usability                  | Provide user friendly UI<br>Simple and intuitive design                               |
| NFR-2  | Security                   | Comprehensive authorization and authentication scheme for each system actor           |
| NFR-3  | Reliability                | The system must perform without failure in 95 percent of use cases                    |
| NFR-4  | Performance                | The landing page supporting several users must provide 5 second or less response time |
| NFR-5  | Availability               | Uninterrupted services must be available all time except the time of server updating. |
| NFR-6  | Scalability                | Provide horizontal or vertical scaling for higher workloads.                          |