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

| Date | 14 October 2022 |
|---|---|
| Team ID | PNT2022TMID50654 |
| Project Name | Project – Real-Time Communication System Powered By AI For Specially Abled |
| 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<br>Registration through Gmail<br>Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email<br>Confirmation via OTP |
| FR-3 | Authorization levels | There are two levels of authorization namely standard access level and advanced access level. |
| FR-4 | External interface | Ethernet, Firewire, USB. |
| FR-5 | Reporting | If any issues found in the application, automatically it will be notified to the developer. |
| FR-6 | Compliance to rules or laws | Terms and conditions, Privacy policy, End user licensing agreement. |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | **Usability** | People with disabilities must be able to use the product |
| NFR-2 | **Security** | Converted information using signs into speech is accessed only by the user |
| NFR-3 | **Reliability** | Provides insight into potential issues for desktop applications on managed devices. |
| NFR-4 | **Performance** | Launch time of an app is faster when converting signs into speech |
| NFR-5 | **Availability** | Provides automatic recovery as much as possible. |
| NFR-6 | **Scalability** | The app response time is faster enough to support 20,000 users at a time. |