

PROJECT DESIGN PHASE II

SOLUTION REQUIREMENTS (FUNCTIONAL AND NON FUNCTIONAL)

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| DATE | 15 OCTOBER 2022 |
| TEAM ID | PNT2022TMID28610 |
| PROJECT NAME | Real time communication system powered by AI for specially abled |
| MAXIMUM MARKS | 4 Marks |

FUNCTIONAL REQUIREMENTS:

Following are the functional requirements of the proposed solutions:

| FR NO. | FUNCTIONAL REQUIREMENTS (EPIC) | SUB REQUIREMENT(story/sub task) |
|---------------|---------------------------------------|---|
| FR-1 | User registration | Registration can be done via Gmail. |
| FR-2 | User verification | When the user is registered for the first time verification mail is sent. |
| FR-3 | User confirmation | Email confirmation or OTP confirmation . |
| FR-4 | Authentication | Device shutdown in case of cyber attack . |
| FR-5 | Legal requirements | Medical certificate indicating the disability. |

NON FUNCTIONAL REQUIREMENTS:

Following are the non functional requirements of the proposed solutions:

| FR NO. | NON FUNCTIONAL REQUIREMENT | DESCRIPTION |
|---------------|-----------------------------------|--|
| NFR-1 | Portability | It is a pocket translator so it can be carried to any place. |
| NFR-2 | Security | Password based authentication |
| NFR-3 | Reliability | Protects sensitive information so it is reliable. |

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|-------|--------------|---|
| NFR-4 | Performance | Immediate response to gestures. |
| NFR-5 | Availability | There is no time boundary, it is available 24/7. |
| NFR-6 | Scalability | High performance is paramount to supporting many users. |