**Project Design Phase-II**

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

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| Date | 22 October 2022 |
| Team ID | PNT2022TMID06083 |
| Project Name | Project - IOT based safety gadget for child safety monitoring and notification |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User Authentication | Registration through Applicable Password  Confirmation via Metric Details |
| FR-4 | User Authorization Levels | Registration occurs only for Authorized Users |
| FR-5 | Reporting | Reporting Issues when occurs |
| FR-6 | Security | Notification for Identity Confirmation  Confirmation via Email |

**Non-functional Requirements:**

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

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| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Easy to use due to its simplicity features |
| NFR-2 | **Security** | Impossible for User’s Data Leakage |
| NFR-3 | **Reliability** | Due to its High security, it is reliable |
| NFR-4 | **Performance** | Very good in performance |
| NFR-5 | **Availability** | Available for Authorized Users |
| NFR-6 | **Scalability** | Working good in all conditions |