**Project Design Phase-II**

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

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| Date | 31 October 2022 |
| Team ID | PNT2022TMID50617 |
| Project Name | Project – Smart Farmer – IoT Enabled Smart Farming Application |
| 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 | Objective | What the protect does |
| FR-4 | Focus | Focus on user requirements |
| FR-5 | Document | In use case |
| FR-6 | End Result | Product features |
| FR-7 | Essentiality | Mandatory |
| FR-8 | Origin Type | Defined by user |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | Objective | How the product works |
| NFR-2 | Focus | Focus on user expectations |
| NFR-3 | Document | As a quality attribute |
| NFR-4 | End Result | Product properties |
| NFR-5 | Essentiality | Not mandatory, but desirable |
| NFR-6 | Origin Type | Define by developers or tech experts |
| NFR-7 | Testing | Performance, usability, security testing, etc. Tested after functional testing |
| NFR-8 | Types | Usability, reliability, scalability, performance |