**Project Design Phase-II**

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

| Date | 03 October 2022 |
| --- | --- |
| Team ID | PNT2022TMID47431 |
| Project Name | Project - Estimate the crop yield using data analytics |
| 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,  Registration through Gmail and  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email and  Confirmation via OTP |
| FR-3 | responsibility for final yield | The results and outcomes functionality must demonstrate by customers only. |

**Non-functional Requirements:**

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

| **FR No.** | **Non-Functional Requirement** | **Description** |
| --- | --- | --- |
| NFR-1 | **Usability** | effectively users can learn, use, or control the solution/system. |
| NFR-2 | **Security** | This System's ability to prohibit unauthorized access, usage, or behavior modification ,Security while providing service to authorized users. |
| NFR-3 | **Reliability** | Project management software takes an hour to run basic report, there's a performance issue. |
| NFR-4 | **Performance** | It can act as an early warning sign for potential issues and provides data to help improve future project estimates and planning. |
| NFR-5 | **Availability** | It is long time available for users.Mean time between failure is one metric that helps us to maintain system availability |
| NFR-6 | **Scalability** | It has an ability to prohibit unauthorized access,usage or behavior modifications while providing service to authorized users. |