**Project Design Phase 2**

**Solution Requirements (Functional and Non functional)**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID13417 |
| Project Name | Estimation of crop yield |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

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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 | Login to Dashboard | Visualization of crop growth rate |
| FR 4 | Interactive Dashboard | Change the fields of visualizations according to user needs |

**Non- Functional Requirements:**

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| --- | --- | --- |
| FR.NO | Non Functional Requirement | Description |
| NFR-1 | Usability | Easy to access and use dashboar effectively |
| NFR-2 | Security | Use login credentials are maintained in a secured manner and restricted to unauthorized access |
| NFR-3 | Reliability | Dataset used are collected from trustworthy sites and it is up to date. |
| NFR-4 | Performance | High performance |
| NFR-5 | Availability | Actively available to all sources |
| NFR-6 | Scalability | It is scalable since it has interactive Dashboard |