**Project Design Phase - II**

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

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| Team ID | PNT2022TMID18532 |
| Project Name | Estimate The Crop Yield Using Data Analytics |

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

**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 access and use the Dashboard effectively |
| NFR-2 | **Security** | User login credentials are maintained securely and restricted to unauthorized access |
| NFR-3 | **Reliability** | Dataset used are collected from trustworthy sites and it is up-to-date |
| NFR-4 | **Performance** | Higher performance |
| NFR-5 | **Availability** | Actively available to all sources |
| NFR-6 | **Scalability** | It is scalable since it has an interactive Dashboard |