## ProjectDesignPhase-II
## SolutionRequirements(Functional&Non-functional)

| Date | 26 October2022 |
|---|---|
| Team ID | PNT2022TMID53846 |
| ProjectName | Estimate the crop yield using data analytics |
| MaximumMarks | 4Marks |

**FunctionalRequirements:**

| FR No. | FunctionalRequirement(Epic) | SubRequirement(Story/Sub-Task) |
|---|---|---|
| FR-1 | UserRegistration | Registration through GmailRegistrationthroughIBMCognos |
| FR-2 | UserConfirmation | Confirmation via EmailConfirmationviaOTP |
| FR-3 | Datacollection | Datacollectionthroughvariousresources. |
| FR-4 | Dataprocessing | Data can be optimised for the requiredneeds. |
| FR-5 | Datavisualization | Datacanbevisualized throughCognos |

**Non-functionalRequirements:**

Followingarethe non-functionalrequirementsoftheproposed solution.

| FR No. | Non-FunctionalRequirement | Description |
|---|---|---|
| NFR-1 | Usability | Itsuserfriendly.Everybodywhodidn'tknowcan easilycreate. |
| NFR-2 | Security | Securedone.Thishasverificationprocess. |
| NFR-3 | Reliability | 100%reliableduetoitssecurity reasons. |
| NFR-4 | Performance | Ithas agoodperformancethanotherwayslikeby traditionalmethods. |
| NFR-5 | Availability | Availableoneveryone'sPCandLaptopand Ithas optimizedfortheusermobile. |
| NFR-6 | Scalability | Abletoadoptforanyvisualization. |