

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 Registration through Linked IN |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | Certification Requirements | Regulation Rules Profession wide. |
| FR-4 | Authorization | Healthcare provider User group. |
| FR-5 | Business rules | Decision making Marketing. |
| FR-6 | External interfaces | Wide Area Network (WAN) Screen layouts. |

Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|--|
| NFR-1 | Usability | Use of fertilizers , Irrigation and scheduled planting operation. |
| NFR-2 | Security | Crops could be protected from these diseases using pesticides and biocontrol agents. |
| NFR-3 | Reliability | Reducing deforestation , conserving natural resources and curbing soil erosion. |
| NFR-4 | Performance | Agricultural productivity depends on the quality of seeds with which farmers sow their |

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| | | fields. |
| NFR-5 | Availability | Farming methods requires growers appropriate plant protection strategy and training. |
| NFR-6 | Scalability | Application of sensors and automated irrigation practices can help monitor agricultural land. |