**Project Design Phase-II**

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

| Date | 30 June 2025 |
| --- | --- |
| Team ID | LTVIP2025TMID39636 |
| Project Name | GrainPalette - A Deep Learning Odyssey In Rice Type Classification Through Transfer Learning |
| 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  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 |  |  |
| FR-4 |  |  |
|  |  |  |
|  |  |  |

**Non-functional Requirements:**

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

| **FR No.** | **Non-Functional Requirement** | **Description** |
| --- | --- | --- |
| NFR-1 | **Usability** |  |
| NFR-2 | **Security** |  |
| NFR-3 | **Reliability** |  |
| NFR-4 | **Performance** |  |
| NFR-5 | **Availability** |  |
| NFR-6 | **Scalability** |  |