**Project Design Phase-II**

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

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| Date | 26 June 2025 |
| Team ID | LTVIP2025TMID30678 |
| Project Name | To Supply Leftover Food To Poor |
| College Name | Aditya collage of Engineering and Technology |
| Team members | 1)Sadi ramana (Leader) – 22MH1A04D6   * [Ramanarebel69@gmail.com](mailto:Ramanarebel69@gmail.com)   2)Sravani kasireddy (Documentation developer and opearator ) - 23MHA0412   * [Sravanikasireddy850@gmail.com](mailto:Sravanikasireddy850@gmail.com) |

**Functional Requirements:**

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| **FR No.** | **Functional Requirement (Epic)** | **Sub-Requirement (Story / Sub-Task)** |
| FR-1 | Donor Management | - Add, View, Update, Delete Donor Profiles- Validation Rules- Donor Search & Filters |
| FR-2 | Food Item Entry Management | - Add Food Items (Leftover Type, Quantity, Expiry)- Category Handling (Cooked/Packaged)- Record Layouts & Validation |
| FR-3 | Pickup & Delivery Coordination | - Schedule Pickup Requests- Assign Volunteers- Trigger Notifications (Pickup Confirmed) |
| FR-4 | Application Navigation | - Custom Tabs for Donors, Volunteers, NGOs- Lightning App Setup- User-Friendly Views |
| FR-5 | Reports and Dashboards | - Donation Logs & Volunteer Activity Reports- Dashboard for Food Movement & Impact |
| FR-6 | Automation and Flows | - Auto-Assignment of Tasks- Volunteer Registration Flows- Trigger on Status Updates |

**Non-Functional Requirements:**

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| NFR No. | Non-Functional Requirement | Description |
| NFR-1 | Usability | Interface must be intuitive and easy to navigate for all user roles |
| NFR-2 | Security | Role-based access using profiles, roles, and permission sets |
| NFR-3 | Reliability | Workflow rules, triggers, and flows ensure stable and consistent operations |
| NFR-4 | Performance | Optimized queries, flows, and field usage to reduce latency |
| NFR-5 | Availability | Accessible via Salesforce Lightning Experience and mobile anytime |
| NFR-6 | Scalability | Designed to support thousands of users, records, and real-time notifications |

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| NFR-6 | Scalability | Designed to support thousands of users, records, and real-time notifications |