

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	26 June 2025
Team ID	LTVIP2025TMID31149
Project Name	To Supply Leftover Food To Poor
College Name	Ideal Institute Of Technology

Functional Requirements:

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:

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