# Project Design Phase-II

## Solution Requirements (Functional & Non-functional)

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| Date | 26-june-2025 |
| Team ID | LTVIP2025TMID30428 |
| Project Name | To supply left over food to poor |
| Maximum Marks | 2 Marks |

## Functional Requirements:

Following are the functional requirements of the proposed solution.

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| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
| FR-1 | Donor Registration | Registration through Form Registration via Gmail |
| FR-2 | Food Donation Submission | Add food details (type, quantity, location) Upload photo of food Select pickup time |
| FR-3 | Volunteer Dashboard | View nearby food listings Accept a food pickup task Update delivery status |
| FR-4 | Admin Operations | Assign volunteers Manage donor and receiver data Track food delivery logs |
| FR-5 | Notifications | Notify donors when pickup is confirmed Alert volunteers about new tasks |
| FR-6 | Reporting & Analytics | View dashboard of meals delivered Track food wastage prevented |

## Non-functional Requirements:

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

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| FR No. | Non-Functional Requirement | Description |
| NFR-1 | Usability | The app must be easy to use for all users with simple UI |
| NFR-2 | Security | User and food data must be securely stored and transmitted |
| NFR-3 | Reliability | System must ensure confirmed food pickups and accurate tracking |
| NFR-4 | Performance | Response time should be under 2 seconds for key actions |
| NFR-5 | Availability | The platform must be available 24x7 with minimum downtime |
| NFR-6 | Scalability | Should support increasing number of users and food listings |