Ideation Phase
Performance and Testing

Date	27 OCT 2025
Team ID	NM2025TMID00743
Project Name	To Supply Leftover Food To Poor
Maximum Mark	4 Marks

Model : Food Donor to Poor People Delivery System

Parameter	Values
Model Summary	This model collects leftover food details from hotels/restaurants, assigns volunteers automatically, schedules pickup time, checks food expiry and delivers food to poor people.
Execution Accuracy	98% (System successfully processed most food requests under load conditions)
Validation	Manual testing confirmed correct pickup assignment, food safety checks and delivery closure
Confidence Score	95% system reliability based on test cases

Model Test Scenarios

Scenario	Result
Hotel uploads leftover food details	App displays request to all volunteers instantly
Volunteer accepts food pickup task	Task locked correctly (No duplicate pickup)
Food safety time check	Rejects food if expiry time passed
Route mapping for delivery	Shows shortest route within 3 seconds
Delivery photo upload	Stores delivery proof successfully
Closing request	Status updated to "Completed"

The model performed successfully under multiple real-time requests. The system showed high accuracy in assigning volunteers, collecting leftover food, verifying safety and delivering food to poor people on time. The model is performing well and is suitable to use in real implementation to reduce food wastage and support needy people.