

# **NAAN MUDHALVAN PROJECT REPORT**

**SB8067 - SALESFORCE DEVELOPER  
“TO SUPPLY LEFT OVER FOOD TO POOR“**

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# TESTING PHASE – Leftover Food Supply to Poor (Salesforce Platform)

## 1. Testing Goal

“To ensure the system works accurately, donor data is stored correctly, automation runs without errors, distance is assigned, sharing rules work, and the dashboard shows real-time insights.”

## 2. Types of Testing Done

Testing Type	Purpose
Functional Testing	Verify form, data input, object, and saving process
Trigger Testing	Check if Distance field updates correctly
Flow Testing	Ensure screen form submits data properly
Sharing Rules Testing	Confirm records are accessed by nearest volunteer
Dashboard Testing	Validate charts update with new data
User Experience Testing	Check if system is easy to use

## 3. Trigger Testing (Code Verification)

Tested the following logic:

```
trigger DropOffTrigger on Drop_Off_Point__c (before insert) {
    for(Drop_Off_Point__c drop : Trigger.new){
        drop.Distance__c = drop.Distance_Calculation__c;
    }
}
```

- No errors
- Distance saved properly

- Ready for sharing rules

#### 4. Flow Testing Result

- Screen displayed correctly
- Accepts text, number, phone inputs
- Submits record to the Drop-Off object
- No field mapping errors

#### 5. Dashboard & Reports Testing

- ✓ Graphs show correct number of donations
- ✓ Filters work properly
- ✓ Real-time updates visible
- ✓ No delay in data reflection

#### 6. Issues Faced & Fixes

Issue	Solution
Distance field error (field not found)	Corrected API name to match object field
Flow not submitting initially	Fixed variable mapping to {!value}
Data not visible to volunteers	Configured Sharing Rules properly

#### 7. Final Test Result

- System is fully working
- Automation works
- Data stored correctly
- Food distribution can be tracked
- Fastest delivery enabled
- No critical bugs