

## **Phase 5 : Performance Testing**

Performance testing is an important phase in the Salesforce-based project for supplying leftover food to the poor. This phase ensures that the application performs efficiently when multiple users such as donors, volunteers, and NGOs use the system at the same time.

It focuses on testing the speed, stability, and scalability of the system under different load conditions. The main goal is to check how quickly the application responds while adding food details, accepting donations, or tracking deliveries.

Various tests such as load testing, stress testing, and scalability testing are carried out to find performance issues or delays. Tools like Salesforce Performance Assistant and JMeter are used to simulate real-time usage and measure system response.

Any bottlenecks identified are optimized to improve speed and user experience. By completing this phase, the application becomes more reliable and capable of handling large-scale food donation activities efficiently.

### **Milestone 13 : HOME PAGE :**

#### **Activity 1 : Creation of Home Page :-**

Go to setup >> type Lightning App Builder in quick find box >> Click on the Lightning App Builder and Select the New.

1. Select Home Page and give Label as HOME Page.
2. Select Standard Home Page.
3. Near Components search for Flow and Drag and Drop in Right Side Section..
4. On the right hand side:
  - Flow : Venue Flow
5. Near Components search for Dashboard, then Drag and Drop it in first Section.

6. Click on Save and Activation, then click on App Default, then Add Assignments.
7. Add FoodConnect App and then Save.
8. FoodConnect Home Page would Look Like this.

The screenshot shows the FoodConnect application interface on a Windows desktop. The browser tab is "Home | Salesforce". The main content area displays the "Task Execution Details" dashboard. It includes two cards: "venue and Drop Off point" (listing PS CANTEEN and VS HOME) and "Volunteer Task" (showing a record count of 1 for Volunteer ID a04g50000007041). To the right, there is a "Venue Form" sidebar with fields for "Venue Name", "Email", "Phone", "Venue\_Location", "Latitude", and "Longitude". A "Next" button is at the bottom right of the form. The taskbar at the bottom shows various application icons, and the system tray indicates the date as 05-11-2025.