CONCLUSION :-

The performance testing phase ensures that the Salesforce application for supplying leftover food to the poor is fast, stable, and reliable under all conditions. It confirms that the system can handle multiple users and large amounts of data without affecting its efficiency.

By identifying and resolving performance issues, this phase helps deliver a smooth and responsive user experience for donors, volunteers, and NGOs. Overall, it ensures that the platform runs effectively even during peak usage, enabling timely food distribution and supporting the project's goal of reducing food waste and helping those in need.

The project *"To Supply Leftover Food to Poor using Salesforce"* has been successfully implemented and demonstrates the practical application of Salesforce CRM for social good.

- Project Achievements:

    o Streamlined the process of collecting and distributing leftover food.
    o Ensured real-time coordination between donors, volunteers, and NGOs.
    o Automated workflows through custom objects, fields, Flows, and Apex triggers.
    o Improved transparency using reports, dashboards, and sharing rules.
    o Enhanced usability with Lightning App, Home Page, and role-based security.

- Student Learning Outcomes:

    - Hands-on skills in Salesforce development and CRM customization.
    - Improved problem-solving through real-time use case implementation.
    - Team collaboration in handling requirement analysis, development, and testing.
    - Exposure to industry-relevant tools and project lifecycle management.

- **Future Scope:**

- Integration with **mobile platforms** to allow easier donor and volunteer participation.
- Use of **advanced analytics and AI** to predict demand and optimize food distribution.
- Collaboration with more **NGOs, hotels, and community centers** for greater reach.
- Expansion to a **multi-region system**, ensuring maximum utilization of surplus food.