PROBLEM – SOLUTION FIT TEMPLATE

The **Problem–Solution Fit** represents the alignment between a real customer problem and the effectiveness of the designed solution.
It ensures that the developed system accurately addresses the user's needs and operational challenges in the **medical inventory management** process.
This helps organizations improve reliability, accountability, and data integrity within Salesforce.

Purpose

❑ **Solve complex operational problems** within the medical inventory process, such as preventing accidental data loss or user deletion while managing incident assignments.
❑ **Ensure faster adoption** of the Salesforce-based system by hospital administrators and medical staff through seamless automation and error prevention mechanisms.
❑ **Sharpen workflow management** by implementing clear validation rules and business logic that maintain consistent user–incident relationships.
❑ **Increase data reliability and trust** by blocking actions that could lead to the loss of critical user and incident data in the medical environment.
❑ **Understand and improve existing medical inventory workflows** by identifying weak points in user management, data tracking, and operational safety.

Problem Identified

In a **medical inventory management system**, users (such as staff or administrators) are often assigned to multiple incidents (e.g., equipment faults, medicine shortage reports, or supply errors). However, there is a potential risk of **accidental user deletion** in Salesforce, which can lead to:

- Broken relationships with assigned incidents.

- Loss of accountability and tracking history.

- Compromised data integrity within the organization's medical records.

Proposed Solution

To solve this, a **Salesforce Business Rule (Trigger/Flow/Validation Rule)** is implemented that:

- **Prevents deletion of any user** currently assigned to an open or closed incident.

- **Displays a clear validation message** to the admin explaining why the deletion is restricted.

- **Allows deletion only for users** who are not assigned to any incidents.

- Ensures **data consistency, traceability, and compliance** within the medical inventory system.

Medical Inventory Management

User Story:

The Medical Inventory Management System is a comprehensive Salessforce application designed to streami.ne and manage various operational aspects of the molical inventory. it cann efficiently maintain supplier details, manage purchase orders, track product details and transactions, and monitor expiry dates of products. Maintain detailed records of suppliers, including contact information.

Project Flow:

- Milestone 1: Creation of developer account
- Milestone 2: Object Creation
- Tabs
- Milestone 4: The Lightning App Fields
- Milestone 6: Updating of Page Layouts
- Milestone 7: Compact Layouts
- Milestone 8: Profiles
- Milestone 10: Roles
- Milestone 11: Users
- Milestone 12: Permisssion Sets

Milestone 1 :

Creation of developer account
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Milestone 2 :

Object Creation
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Tabs

The Lightning App
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Flelds

Updating of Page Layouts
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Validation rules

Profiles
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Roles

Users
↓

Permission Sets

Flows
↓

Triggers

Dashboards