

# Medical Inventory Management

## Project Design Phase

### Problem – Solution Fit Template

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|---------------------|-------------------------------------|
| <b>Date</b>         | 1 NOV 25                            |
| <b>Team ID</b>      | NM2025TMID04716                     |
| <b>Project Name</b> | Medical Inventory Management System |

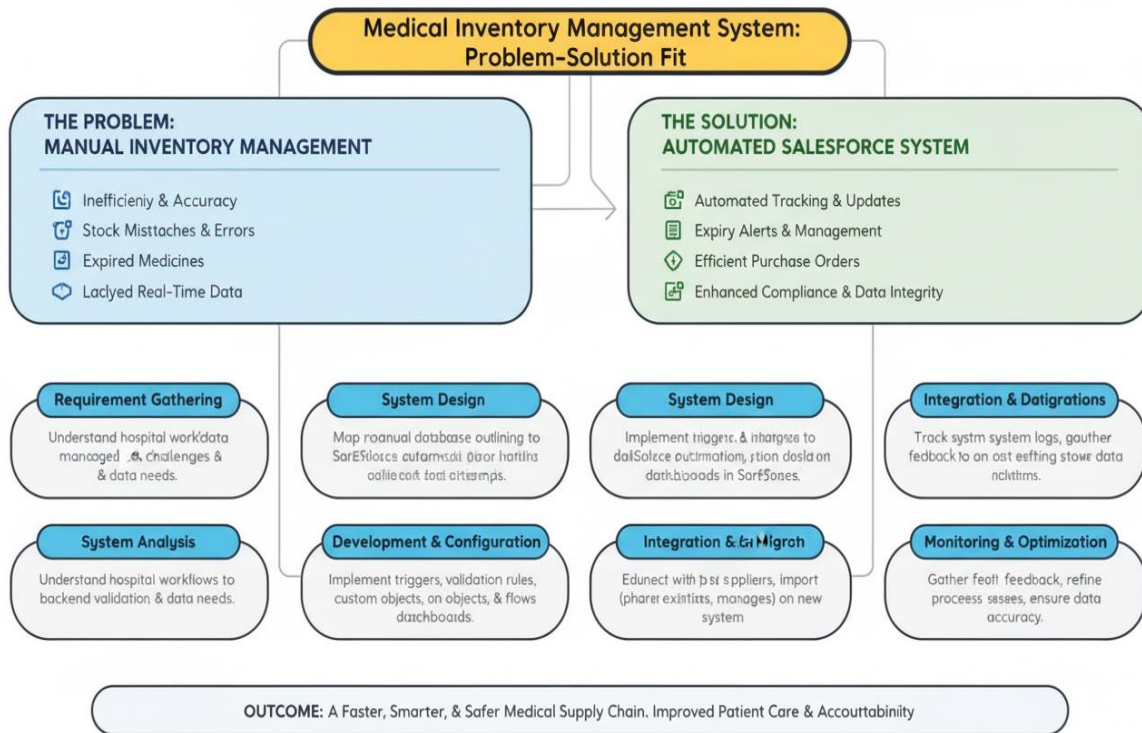
### Problem – Solution Fit Template

The **Problem–Solution Fit** ensures that the identified problem in medical inventory management directly aligns with a practical and effective solution. It highlights how the proposed system meets the specific needs of hospitals, pharmacies, and healthcare institutions struggling with manual inventory tracking, delayed procurement, and data inaccuracies.

### Purpose

- To **resolve complex inventory challenges** in a way that fits the workflow of healthcare organizations.
- To **increase efficiency and reliability** through automation and accurate data handling.
- To **enhance communication and coordination** between suppliers, purchase managers, and pharmacists using an integrated system.
- To **ensure operational continuity and compliance** by tracking medicine expiry dates, stock quantities, and purchase histories in real time.
- To **understand existing manual processes** and replace them with a smarter, cloud-based Salesforce solution that improves decision-making and accountability.

# Medical Inventory Management



## Template

The project “**Medical Inventory Management System**” addresses a critical problem in healthcare operations — the inefficiency and inaccuracy of manual inventory management. By automating the processes of **supplier management, product tracking, purchase order creation, and inventory updates**, the system eliminates common issues such as stock mismatches, expired medicines, and delayed procurement.

This Salesforce-based solution improves **data accuracy, transparency, and productivity** across all inventory activities. It ensures that stock records remain up to date, product movements are traceable, and managers can make informed decisions using real-time dashboards and reports.

The project not only enhances hospital workflow efficiency but also strengthens **data integrity and compliance**, creating a more reliable and responsive medical supply environment. Through the alignment of identified pain points and technical innovation, the **Problem–Solution Fit** demonstrates how automation can directly transform traditional medical inventory management into a faster, smarter, and safer process.