Date	20-06-2025
Team ID	LTVIP2025TMID29579
Project Name	Medical Inventory Management
Maximum Marks	

CHAPTER – 1
INTRODUCTION

INTRODUCTION :

The **Medical Inventory Management System (MIMS)** built on **Salesforce CRM** is a cloud-based solution designed to modernize how healthcare organizations manage their medical supplies, equipment, and pharmaceuticals. By leveraging Salesforce's customizable architecture, this system ensures real-time visibility, automation, and compliance across inventory operations.

PROJECT OBJECTIVES:

- Digitize inventory tracking across hospitals, clinics, and warehouses
- Prevent stockouts and overstocking with automated alerts
- Ensure regulatory compliance (e.g., batch tracking, expiry monitoring)
- Enable data-driven procurement through dashboards and analytics
- Implement secure, role-based access for staff and administrators

1.1 - PROJECT OVERVIEW:

The **Medical Inventory Management System (MIMS)** built on **Salesforce** is a cloud-based solution designed to optimize the tracking, storage, and distribution of medical supplies, equipment, and pharmaceuticals across healthcare facilities. By leveraging Salesforce's CRM and automation capabilities, the system ensures real-time visibility, regulatory compliance, and efficient resource utilization.

Scope of the Project

- Digitize inventory operations across hospitals, clinics, and warehouses
- Automate stock monitoring, reordering, and expiry alerts
- Integrate supplier and procurement workflows
- Provide analytics for demand forecasting and usage trends
- Enable mobile access for field reps and on-site staff

Key Modules:

Module	Functionality

Inventory Tracking	Real-time updates on stock levels, batch numbers, and expiry dates
Supplier Management	Vendor profiles, order history, and delivery tracking
Automated Alerts	Notifications for low stock, expired items, and reorder needs
Reporting & Dashboards	Visual insights into inventory health and procurement efficiency
User Access Control	Role-based permissions for secure data handling

- Expected Outcomes
- Improved inventory accuracy and availability
- Reduced waste and operational costs
- Enhanced compliance with healthcare regulations
- Data-driven decision-making for procurement and logistics
- Faster response times in critical care scenarios

Would you like help writing the next section—like System Architecture, ER Diagrams, or Functional Requirements? I can also help you turn this into a full project report or presentation.

1.2 - PURPOSE OF THE PROJECT:

The purpose of this project is to develop a **cloud-based Medical Inventory Management System** using **Salesforce** that enhances the efficiency, accuracy, and reliability of inventory operations in healthcare facilities. By digitizing and automating inventory workflows, the system aims to:

- Ensure **real-time visibility** of medical supplies across multiple locations
- Minimize **stockouts**, **overstocking**, and **expired inventory**
- Maintain **compliance** with healthcare regulations and audit requirements
- Streamline **procurement**, **reordering**, and **supplier coordination**
- Empower decision-makers with **data-driven insights** for inventory planning
- ·Enable **mobile access** for field reps and on-site staff to update inventory remotely

MEDICAL INVENTORY MANAGEMENT