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

CHAPTER - 9
ADVANTAGES & DISADVANTAGES

● **ADVANTAGES**

➢ **Real-Time Tracking :**
> Monitor stock levels, batch numbers, and expiry dates across multiple locations instantly.

➢ **Automation :**
> Salesforce Flow automates reordering, alerts, and approval processes—reducing manual effort.

➢ **Compliance & Audit Readiness:**
> Built-in audit trails and expiry tracking help meet HIPAA, FDA, and other regulatory standards.

➢ **Mobile Access :**
> Field reps and staff can update inventory remotely using Salesforce mobile apps

➢ **Scalability :**
> Easily adapts to growing inventory needs across hospitals, clinics, and warehouses

➢ **Integration :**
> MuleSoft and APIs allow seamless connection with EMRs, supplier systems, and barcode/RFID tools

➢ **Analytics & Forecasting :**
> Dashboards and Einstein AI provide insights into usage trends and demand prediction

➢ **User Access Control :**
> Role-based permissions ensure secure handling of sensitive inventory data.

● **DISADVANTAGES**

➢ **High Initial Setup Cost:**
> Customizing Salesforce for inventory management may require significant investment

➢ **Complex Configuration :**
> Requires skilled developers to set up custom objects, flows, and integrations.

➢ **Training Requirements:**
> Staff may need time and training to adapt to the new system and workflows.

➢ **Dependency on Internet :**

           Being cloud-based, the system relies on stable internet connectivity for real-time updates.

➢ **Limited Native Inventory Features:**

           salesforce is not an out-of-the-box inventory platform; third-party apps like Ascent IM may be needed.

➢ **Data Migration Challenges :**

           Moving from legacy systems to Salesforce can be complex and time-consuming.

➢ **Licensing Costs :**

           Ongoing subscription fees for Salesforce and add-ons may be expensive for smaller facilities .