**Project Design Phase-II**

**Data Flow Diagram & User Stories**

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| --- | --- |
| Date | 21 June 2025 |
| Team ID | LTVIP2025TMID29069 |
| Project Name | Medical Inventory management |
| Maximum Marks | 4 Marks |

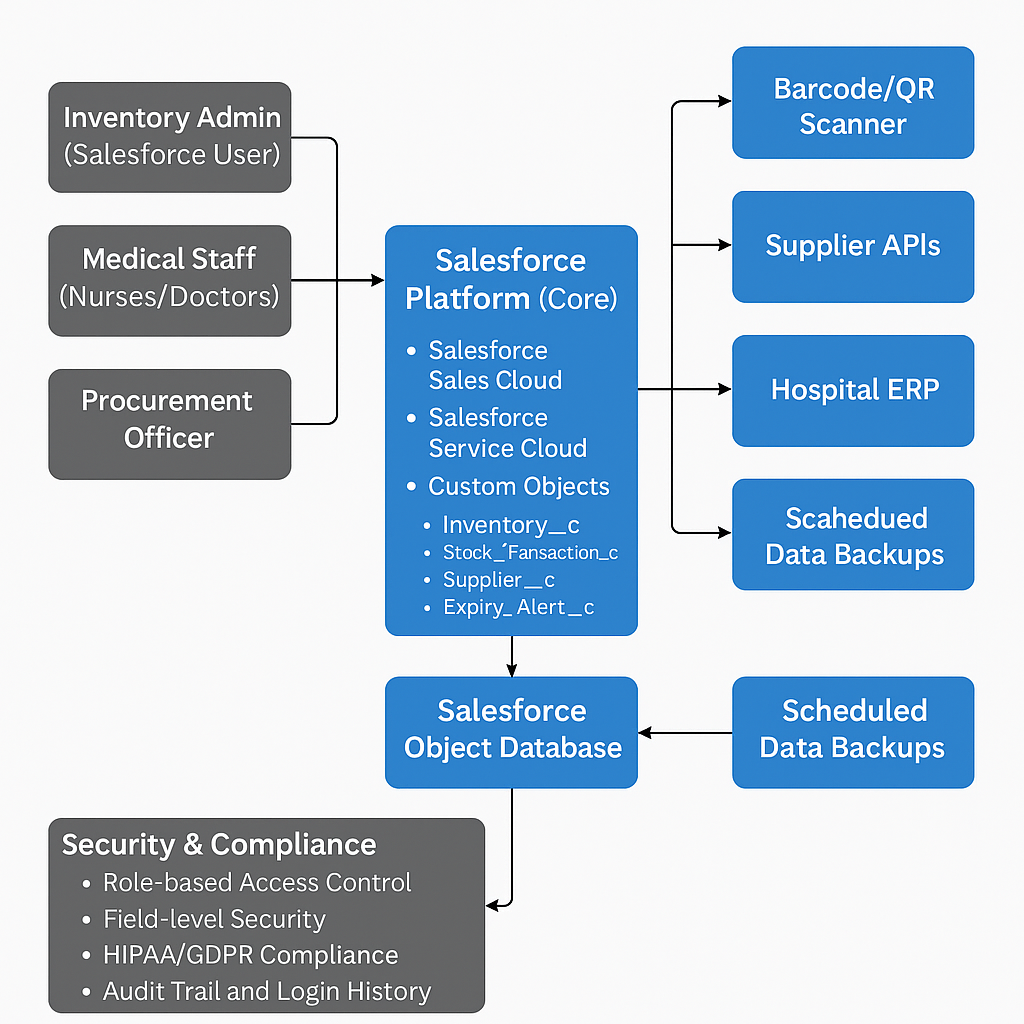
**Data Flow Diagrams:**

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



Example: DFD Level 0 (Industry Standard)

**Example:** [**(Simplified)**](https://developer.ibm.com/patterns/visualize-unstructured-text/)



**Diagram, timeline

Description automatically generated**

**User Stories**

Use the below template to list all the user stories for the product.

| **User Type** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Acceptance criteria** | **Priority** | **Release** |
| --- | --- | --- | --- | --- | --- | --- |
| Customer (Mobile user) | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | I can access my account / dashboard | High | Sprint-1 |
|  |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | I can receive confirmation email & click confirm | High | Sprint-1 |
|  |  | USN-3 | As a user, I can register for the application through Facebook | I can register & access the dashboard with Facebook Login | Low | Sprint-2 |
|  |  | USN-4 | As a user, I can register for the application through Gmail |  | Medium | Sprint-3 |
|  | Login | USN-5 | As a user, I can log into the application by entering email & password |  | High | Sprint-1 |
|  | Dashboard |  | As a doctor, I can raise a request for specific medicines or items from inventory. |  | medium | Sprint-2 |
| Customer (Web user) |  |  | medicines or items from inventory. |  | high | Sprint-4 |
| Customer Care Executive |  |  |  |  |  |  |
| Administrator | User Management |  | As an admin, I can create, deactivate, or assign roles to users. | Users are updated, and roles define access scope correctly. | low | Sprint-6 |
|  | reporting |  | As an admin, I can integrate supplier APIs for auto-restocking when items reach threshold. | PDF/Excel report is downloadable and accurate. | medium | Sprint-1 |
|  | Vendor Integration |  | As an admin, I can integrate supplier APIs for auto-restocking when items reach threshold. | Users are updated, and roles define access scope correctly. | high | Sprint-12 |
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