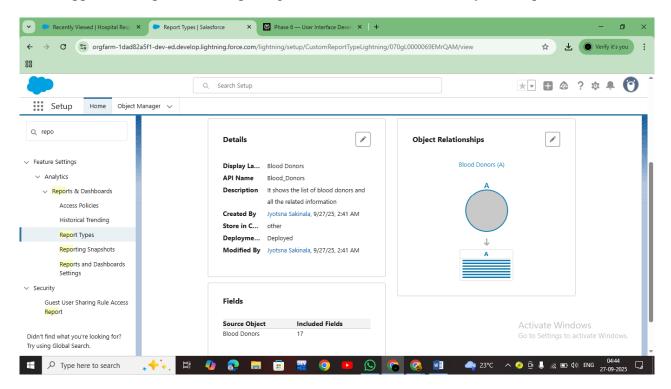
Phase 9: Reporting, Dashboards & Security Review

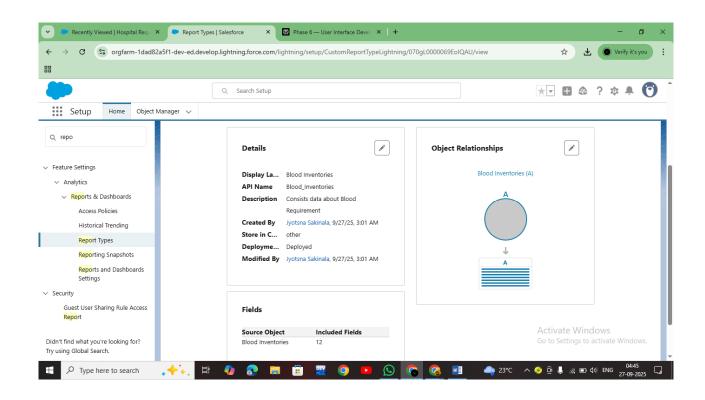
1. Reports (Tabular, Summary, Matrix, Joined)

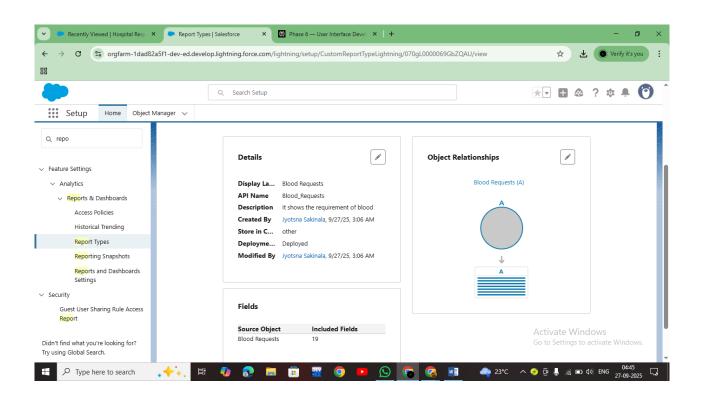
- Created critical reports for Blood Donors, Blood Requests, Hospital Requests, and Inventory.
- Used report formats appropriate to data needs:
 - o Tabular for simple lists
 - o Summary and Matrix for grouped/comparative data
 - Joined reports to combine related data sets
- Enabled users to gain insights on donor activity, requests, and inventory status.

2. Report Types

- Defined custom report types (e.g., Blood Request with related Donor) for flexible reporting.
- Supported comprehensive reporting tailored to Blood Donation System requirements.







3. Dashboards

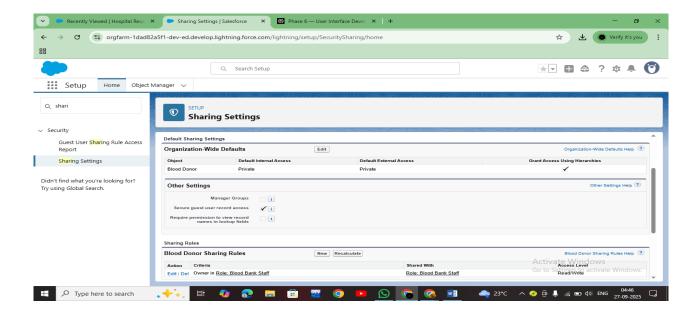
- Developed dashboards consolidating key metrics:
 - o Donor counts
 - Blood request statuses
 - o Blood inventory levels
- Used charts, gauges, and metrics for visual insights suited to user roles.
- Enabled real-time monitoring of blood donation operations.

4. Dynamic Dashboards

- Customized dashboards based on logged-in user's access.
- Eliminated need for multiple dashboards per role, simplifying maintenance.

5. Sharing Settings

- Configured restricted access for sensitive objects (Blood Donor, Blood Request, Hospital Request).
- Set organization-wide defaults to private, with sharing rules and role hierarchies ensuring governed access.
- Ensured compliance and minimized unnecessary data exposure.



6. Field Level Security

- Restricted visibility and edit access on sensitive fields like donor contact and health status.
- Aligned profiles and permission sets to data visibility based on user roles.

7. Session Settings

- Configured session timeout, login IP restrictions, and other session policies.
- Ensured timely session expiration to reduce unauthorized access risk.

8. Audit Trail

- Enabled audit log tracking for key data and metadata changes.
- Implemented periodic audit log reviews for detecting unauthorized or accidental changes.
- Improved overall accountability for sensitive Blood Donation System data.