# **Phase 2: Org Setup & Configuration**

This phase involved setting up the Salesforce environment to align with the specific needs of the "Healthcare Appointment & Patient Management System" project. The goal was to configure the org, create user roles, and define permissions to ensure data security and efficient workflows for all hospital staff.

## 1. Company Profile & Org Defaults

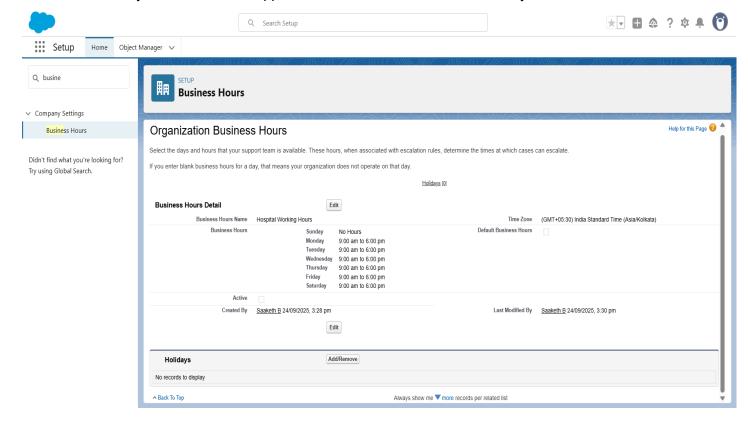
The first step was to configure the basic company information and default settings for the Salesforce org.

- Company Information: This was configured to reflect the hospital's name, primary contact information, and address.
- **Default Settings**: We set the default timezone to Asia/Kolkata and the default currency to INR to align with the hospital's operational location.
- **Fiscal Year**: The fiscal year was kept as the standard calendar year, as there was no requirement for a custom fiscal year from the hospital.

#### 2. Business Hours & Holidays

To ensure accurate appointment scheduling and reminders, the hospital's business hours and holidays were defined.

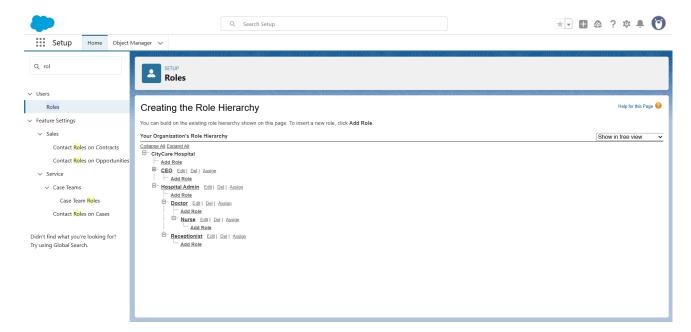
- Business Hours: We created a "Hospital Working Hours" schedule from Monday to Saturday, 9:00 AM to 6:00 PM, to prevent appointments from being booked during off-hours.
- Holidays: Public holidays, such as Independence Day and Diwali, were added to the holiday list to ensure no appointments are scheduled on these days.



## 3. Hospital Hierarchy (Roles)

A role hierarchy was established to reflect the hospital's organizational structure and enforce data visibility.

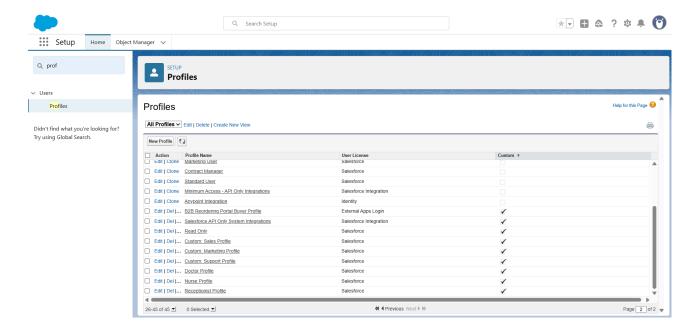
- Role Creation: We created a hierarchy with "Hospital Admin" at the top, followed by "Doctor," "Nurse," and "Receptionist."
- **Data Access**: This hierarchy ensures that the Hospital Admin can view data across the entire organization, while a Doctor can only see data for themselves and those who report to them (e.g., Nurses).
- Purpose: This provides a foundational layer of data security based on a user's position within the hospital.



## 4. Profiles (User Permissions)

Custom profiles were created to define what each type of user can do within the system.

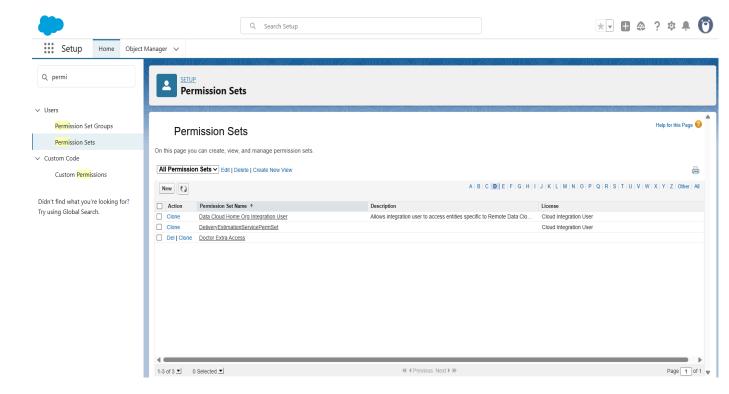
- **Customization**: We cloned the standard "Standard User" profile to create a custom profile for each user type: Doctor, Nurse, and Receptionist.
- Permissions: Each profile was configured with specific permissions, granting doctors and nurses access to patient and treatment history records while limiting receptionists to creating and managing appointments and patient records.
- System Admin: The System Administrator profile was kept for myself to handle all setup and configuration tasks.

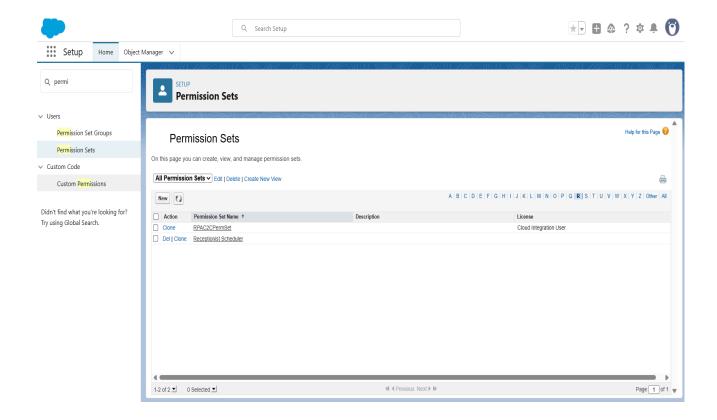


#### 5. Permission Sets

Permission sets were used to grant additional, specific access rights to users without changing their base profile.

- Flexibility: We created permission sets like "Doctor Extra Access" and "Receptionist Scheduler."
- Granular Control: This method provides more granular control over user permissions and allows for easier management of access rights, especially as the system grows.

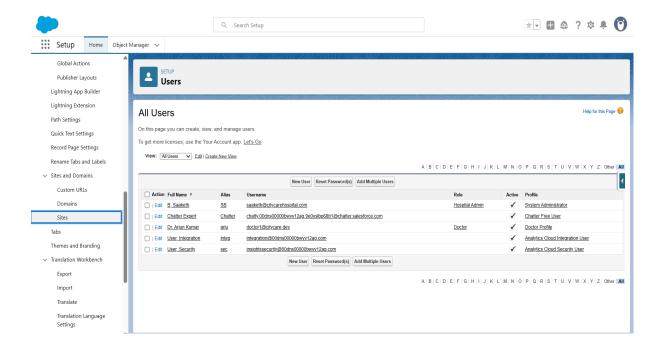




## 6. Sample Users

Sample user accounts were created for testing purposes, representing the key user roles in the hospital system.

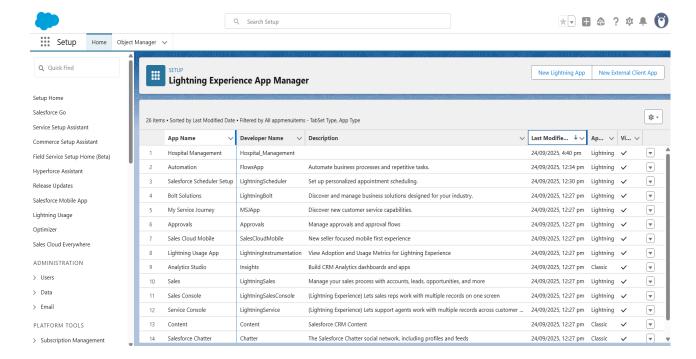
- **User Creation**: We created user accounts for a doctor (Dr. Arjun), a nurse (Nurse Asha), and a receptionist (Receptionist Ramesh).
- Role and Profile Assignment: Each user was assigned the appropriate custom profile and role to ensure their access to the system was correctly limited.
- **Testing**: These users will be used in later phases to test the functionality of flows, reports, and data security.



## 7. App Creation

A custom Lightning App named "Hospital Management System" was built to provide a centralized hub for all users.

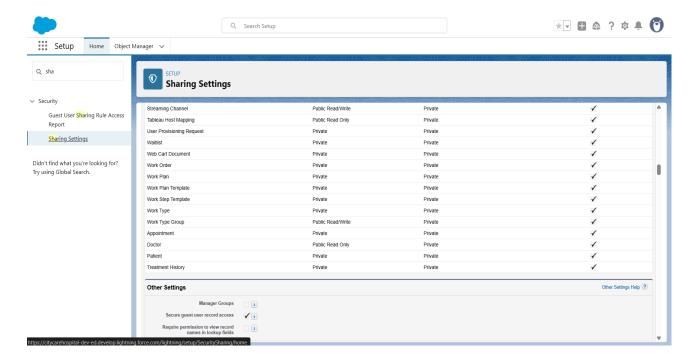
- App Manager: The app was created in the App Manager and configured with all the necessary tabs.
- **User Experience**: This app will provide an intuitive, single-location interface for hospital staff to access the data and tools they need to perform their daily tasks.



## 8. Org-Wide Defaults (OWD) & Sharing

Organization-Wide Defaults (OWD) were configured to set the base level of data visibility.

- **OWD Settings**: We set the OWD for Patient, Appointment, and Treatment History objects to "Private" to ensure that patient data is not visible to all users by default.
- Sharing Rules: This was done to ensure a high level of patient data privacy. Sharing
  rules can be created later to grant specific access when needed (e.g., a group of
  doctors sharing patient data).



# 9. Email Deliverability

The email deliverability settings were set to "All email" to ensure that automated reminders and confirmations can be sent.

Purpose: This setting is crucial for the automated workflows in Phase 4, as it
ensures that appointment confirmations and reminders are successfully delivered to
patients.

