



Phase 9 — Reports & Dashboards

❖ Phase Objective

Phase 9 focuses on building **operational intelligence** for the Hospital Management System using **Salesforce Reports and Dashboards**. This phase converts raw hospital data (Doctors, Appointments, Beds) into **visual, decision-ready insights** for admins and hospital staff.

⌚ Key Outcomes

- Real-time visibility of **doctor availability**
- Monitoring of **daily appointments**
- Live tracking of **bed availability & occupancy**
- Centralized **Hospital Overview Dashboard**

📁 Reports Created

1 Available Doctors Report

Purpose: Identify doctors currently available for appointments.

Report Type: Doctor

Filters Applied:

- Availability Status = Available

Fields Used:

- Doctor Name
- Specialization
- Availability Status

Usage:

- Feeds the *Available Doctors by Specialization* chart
- Helps front desk assign doctors efficiently

2 Unavailable Doctors Report

Purpose: Track doctors who are not currently available.

Report Type: Doctor

Filters Applied:

- Availability Status = Unavailable

Usage:

- Operational awareness
- Staff planning and shift management

3 New Appointments Report

Purpose: Display all appointments scheduled for today.

Report Type: Appointment

Filters Applied:

- Appointment Date = TODAY

Fields Used:

- Appointment ID
- Appointment Date
- Patient
- Doctor
- Status

Usage:

- Powers Today's Appointment Status table
- Used for daily hospital operations

4 Available Beds Report

Purpose: Show count of beds currently available.

Report Type: Bed

Filters Applied:

- Availability Status = Available

Usage:

- Feeds Available Beds Gauge chart
- Helps emergency & admission teams

5 Occupied Beds Report

Purpose: Track beds currently occupied by patients.

Report Type: Bed

Filters Applied:

- Availability Status = Occupied

6 Beds Under Maintenance Report

Purpose: Identify beds unavailable due to maintenance.

Report Type: Bed

Filters Applied:

- Availability Status = Maintenance

| Report Name | Description | Folder | Created By | Created On | Subscribed |
|-----------------------------|---------------------|------------------|----------------------|------------|------------|
| Unavailable Doctors Reports | Private Reports | Altamash Faruqui | 12/26/2025, 11:52 PM | | |
| New Appointments Report | hospital management | Altamash Faruqui | 12/26/2025, 11:21 AM | | |
| Available Beds Report | hospital management | Altamash Faruqui | 12/26/2025, 11:07 AM | | |
| Available Doctors Report | hospital management | Altamash Faruqui | 12/26/2025, 11:07 PM | | |
| Beds Under Maintenance | Private Reports | Altamash Faruqui | 12/26/2025, 11:50 PM | | |
| Occupied Beds | Private Reports | Altamash Faruqui | 12/26/2025, 11:48 PM | | |

Dashboards Created

Hospital Overview Dashboard

Dashboard Name: Hospital Overview Dashboard

Description:

Provides a centralized, real-time snapshot of hospital operations including doctors, appointments, and beds.

Dashboard Components

1 Available Doctors by Specialization

- **Component Type:** Donut Chart
- **Source Report:** Available Doctors Report
- **Grouped By:** Specialization

Insight Provided:

- Shows doctor distribution across departments

- Identifies specialization shortages instantly

2 Today's Appointments Status

- **Component Type:** Table
- **Source Report:** New Appointments Report

Displayed Columns:

- Appointment ID
- Appointment Date
- Patient
- Doctor

Insight Provided:

- Live appointment tracking
- Quick access to today's schedule

3 Today Appointment Count

- **Component Type:** Metric
- **Source Report:** New Appointments Report

Insight Provided:

- Total appointments for the day
- Helps workload planning

4 Available Beds

- **Component Type:** Gauge Chart
- **Source Report:** Available Beds Report

Gauge Ranges:

- Red: Low availability
- Yellow: Medium availability
- Green: Healthy availability

Insight Provided:

- Immediate understanding of bed capacity
- Critical for emergency response

Design Considerations

- Dark theme for **visual clarity & focus**
- KPI-driven layout
- Real-time data refresh
- Report-driven dashboard architecture

Security & Access

- Reports stored in **Hospital Management** folder
- Private reports used where needed
- Dashboard visibility controlled via Salesforce sharing

Dashboard

Hospital Overview Dashboard

Hospital operational overview

As of Dec 27, 2025, 12:29 AM Viewing as Altamash Faruqui

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Available Doctors by Specialization

| Specialization | Record Count |
|----------------|--------------|
| Cardiology | 11 |
| Neurology | 9 |
| Orthopedics | 6 |
| Pediatrics | 6 |
| Dermatology | 4 |
| Cardiologist | 4 |

[View Report \(Available Doctors Report\)](#) As of Dec 27, 2025, 12:29 AM

Today's Appointments Status

| Appointment ID | Appointment Date | Patient | Doctor |
|----------------|------------------|---------------|-----------------|
| APT-0009 | 12/27/2025 | Kishor Tiwari | Dr Cardio Final |
| APT-0010 | 12/27/2025 | Anjali Mehta | Dr Cardio Final |
| APT-0013 | 12/27/2025 | Anjali Mehta | Aditya Chopra |

[View Report \(New Appointments Report\)](#) As of Dec 27, 2025, 9:11 PM

Today Appointment Report

count of appointments

Available Beds

Bed availability count

C X



[View Report \(Available Beds Report\)](#)

As of Dec 27, 2025, 1:04 AM

Today Appointment Report

count of appointments

C X

3

[View Report \(New Appointments Report\)](#)

As of Dec 27, 2025, 9:11 PM

Phase 9 Completion Status

- ✓ All core reports created
- ✓ Dashboard components configured correctly
- ✓ Data reflecting real-time records
- ✓ Ready for final submission & demo