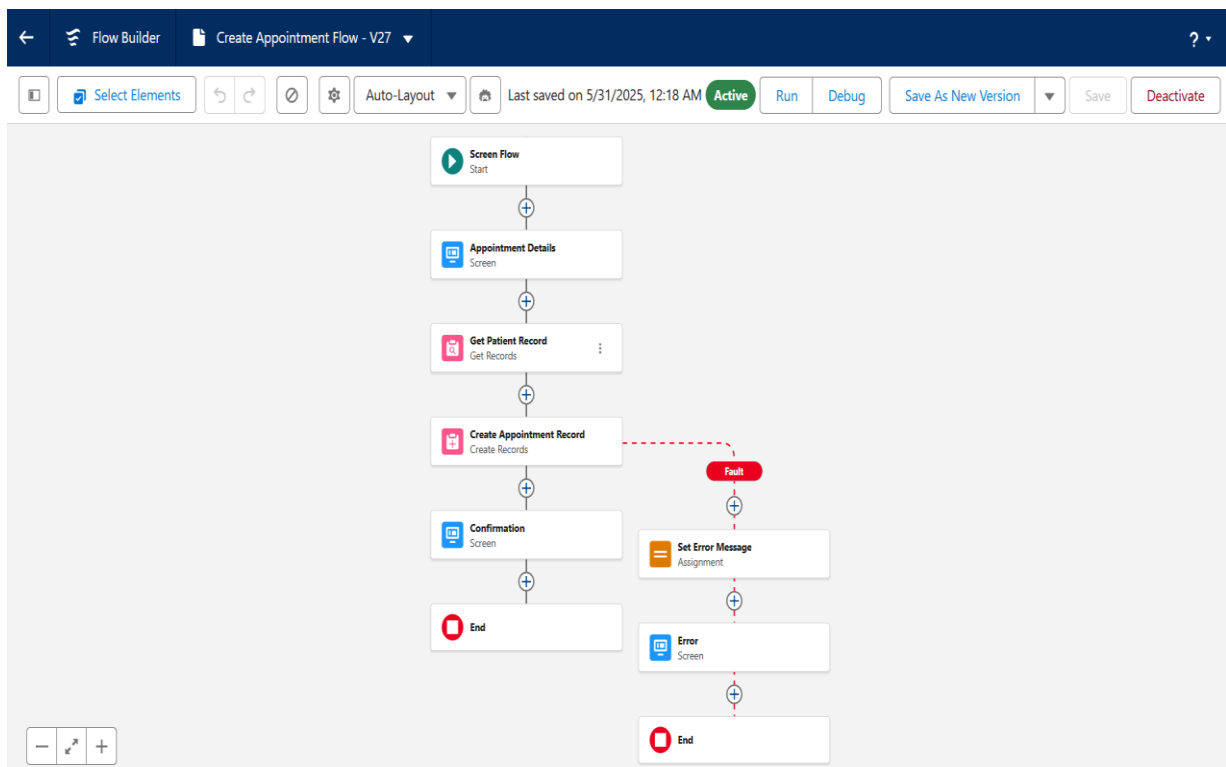# Flow Structure –Hospital Management System

1. Create Appointment Flow

- **Type**: Screen Flow
- **Purpose**: Allows front-desk staff or patients to book an appointment.
- **Output**: Creates an Appointment__c record.

Flow Builder View

Appointment Input Form

Create Appointment Flow

* Patient Names

--None--

* Doctor Name

--None--

* Appointment Date and Time

📅   🕐

* Reason for visit

Next

Confirmation Screen – Appointment Created

Create Appointment Flow

Your appointment has been scheduled successfully!

Previous   Finish

2. Auto Medical Record Creation Flow

- **Type**: Record-Triggered Flow
- **Trigger**: When a new Appointment__c is created.
- **Purpose**: Automatically generate a Medical_Record__c associated with the appointment.
- **Output**: A new Medical Record is auto-created and linked with the appointment.

Flow Triggered on Appointment Creation
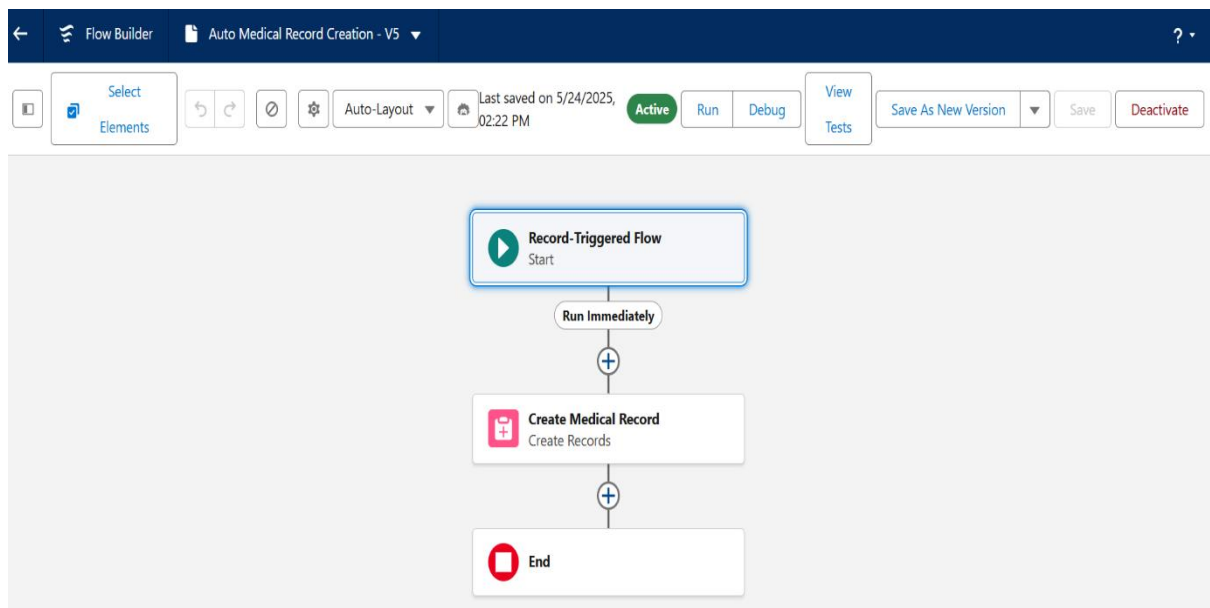
Create Medical Record – Field Mapping in Flow Element

Auto-Generated Medical Records

Medical Records
All ▼ 📌

13 items • Sorted by Medical Record Name • Updated a few seconds ago

New | Import | Printable View | Assign Label

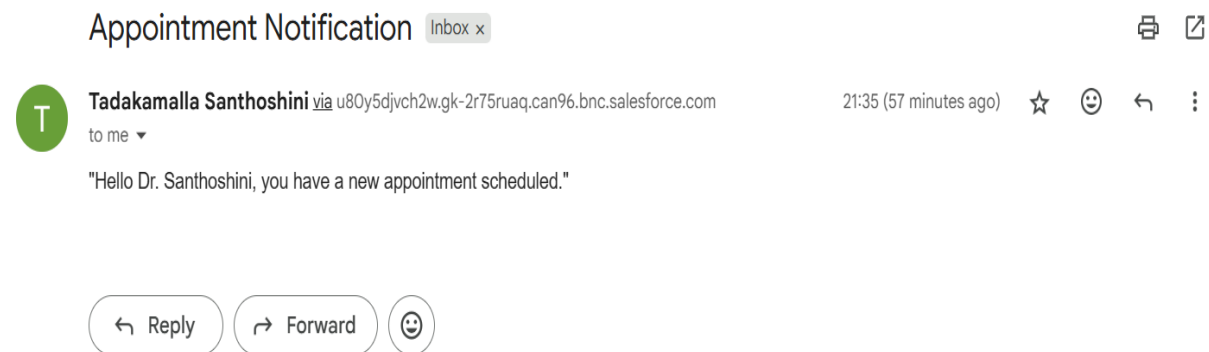|	Medical Record Name ↑	
1	a09gK000001bSKw	▼
2	a09gK000001bUHt	▼
3	a09gK000001bvbR	▼
4	a09gK000001bvwP	▼
5	a09gK000001d3wj	▼
6	a09gK000001jzDF	▼
7	a09gK000001l8ET	▼
8	a09gK000001lFiz	▼
9	a09gK000002aipN	▼
10	a09gK000002YWXP	▼

3. Notify Doctor via Email Flow

- **Type**: Record-Triggered Flow
- **Trigger**: When Appointment__c is created or updated.
- **Purpose**: Sends an email notification to the assigned doctor.
- **Output:** A doctor receives an automated email whenever an appointment is scheduled or updated.

Flow for Sending Email to Assigned Doctor
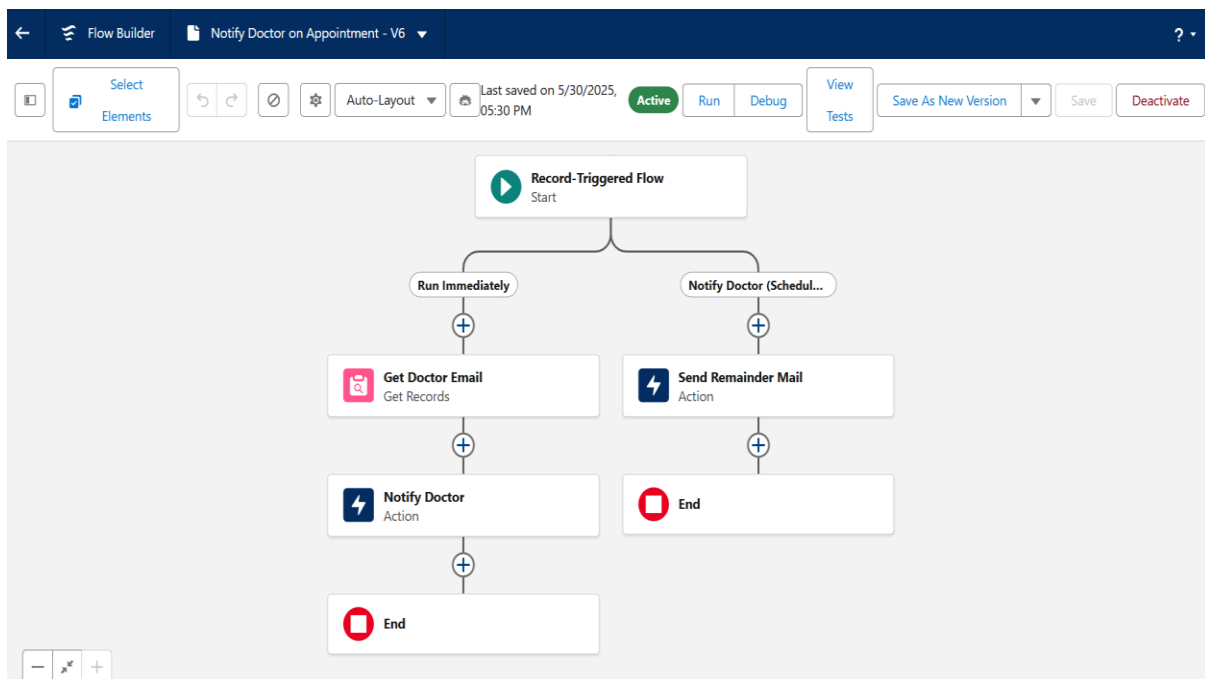
Doctor Email Notification

Appointment Notification Inbox ×

T Tadakamalla Santhoshini via u8Oy5djvch2w.gk-2r75ruaq.can96.bnc.salesforce.com   21:35 (57 minutes ago) ☆ ☺ ↩ ⋮
to me ▾

"Hello Dr. Santhoshini, you have a new appointment scheduled."

↩ Reply   → Forward   ☺

4. Auto Billing from Treatment Flow

- **Type**: Record-Triggered Flow
- **Trigger**: When Treatment__c status changes to "Completed".
- **Purpose**: Automatically create a related Billing__c record.
- **Output**: Once a Treatment is marked as Completed, a Billing record is generated automatically.

Flow Diagram – Auto Billing on Treatment Completion
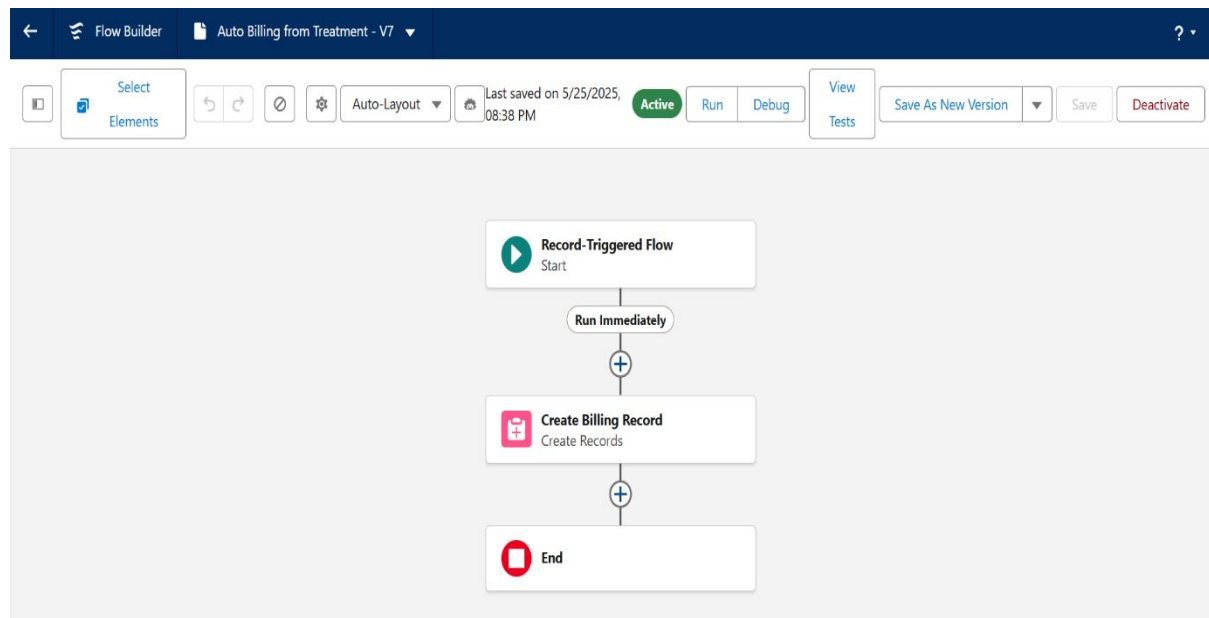
Treatment Record Before Completion – Status: In Progress

Billing Records
All ▾ 📌

New | Import | Printable View | Assign Label

2 items • Sorted by Billing Record Name • Updated a few seconds ago

⚙️▾ | ☷▾ | C | ✎ | ⟳ | ▼

		Billing Record Name ↑		∨	
1	☐	a0BgK000006F2xJ			▼
2	☐	a0BgK000009GGEv			▼

Treatment Marked as Completed – Triggers Billing Generation

Billing Records
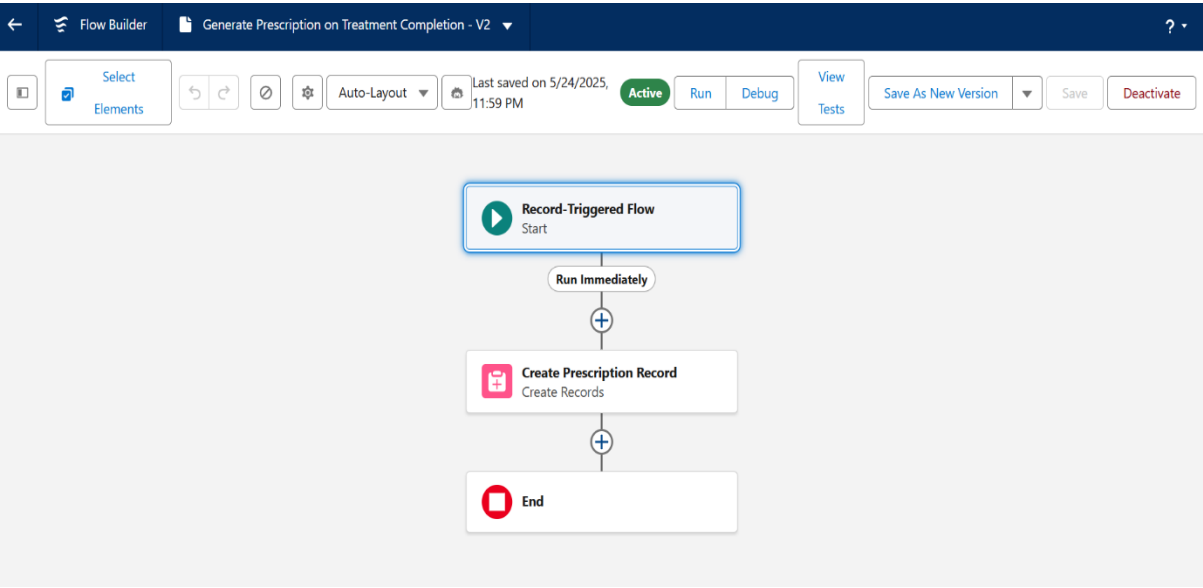All ▾ 📌

New | Import | Printable View | Assign Label

3 items • Sorted by Billing Record Name • Updated a few seconds ago

⚙️▾ | ☷▾ | C | ✎ | ⟳ | ▼

		Billing Record Name ↑		∨	
1	☐	a0BgK000006F2xJ			▼
2	☐	a0BgK000009GGEv			▼
3	☐	a0BgK000009GGhx			▼

5. Generate Prescription on Treatment Completion

- **Type**: Record-Triggered Flow
- **Trigger**: When Treatment__c is marked as "Completed".
- **Purpose**: Create a new Prescription__c record for the patient.
- **Output**: Once a treatment is completed a new Prescription__c record is created automatically.

Prescription Flow Triggered on Completed Treatment

Prescription Record – Generated from Flow

Prescription List View-Auto Generated

Conclusion:

These flows collectively automate key healthcare processes such as appointment handling, medical documentation, communication, billing, and prescription—ensuring efficiency, accuracy, and time-saving operations in the hospital management lifecycle using Salesforce declarative tools without any Apex code.