



DonarLink

DISASTER RELIEF & DONATION DISTRIBUTION TRACKER

Phase 1. Project Title

Introduction

Disaster relief operations often face problems like delayed aid, lack of proper donation tracking, and mismanagement of supplies. **DonarLink** is a Salesforce-based system created to solve these issues.

It allows organizations to **track donations, manage supplies, assign volunteers automatically, monitor distributions, and view real-time dashboards**. The goal is to make relief operations **faster, transparent, and well-organized**.

Problem Statement

Currently, disaster relief operations are handled manually using spreadsheets and phone calls. This causes:

- Delayed supply distribution.
 - Volunteers are not being used properly.
 - Poor visibility for management.
 - Risk of excess or shortage of relief items.
-

Objectives

DonarLink solves these by:

- Centralising all data (donors, supplies, volunteers, distributions).
- Automating volunteer assignment.
- Sending alerts for low supplies.

- Providing dashboards for real-time decisions.
-

Key Features

1. **Donor Management** – Store donor details, type of donation, and amount.
 2. **Supply Management** – Track items, quantity, supplier, and expiry dates.
 3. **Volunteer Management** – Record volunteer details, auto-assign tasks, update availability.
 4. **Distribution Tracking** – Record where supplies go, how much, and who delivered.
 5. **Automation & Alerts** – Auto-assign volunteers, send low-stock alerts.
 6. **Reports & Dashboards** – Visual charts for donations, supplies, and volunteer activities.
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Technology Stack

- **Salesforce Developer Edition** (Lightning Experience)
 - **Custom Objects & Relationships**
 - **Flows & Apex Triggers** for automation
 - **Reports & Dashboards**
 - **Lightning App Builder** for UI
-

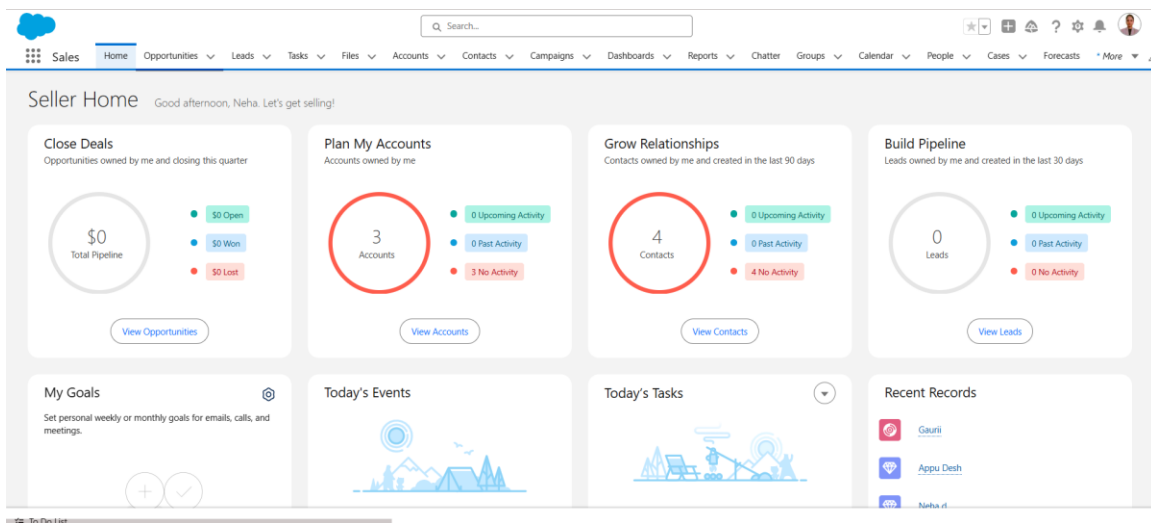
Benefits

- Faster and fairer relief distribution.

- Better volunteer management.
- Transparency for donors and management.
- Reduced manual errors.
- Real-time decision-making.

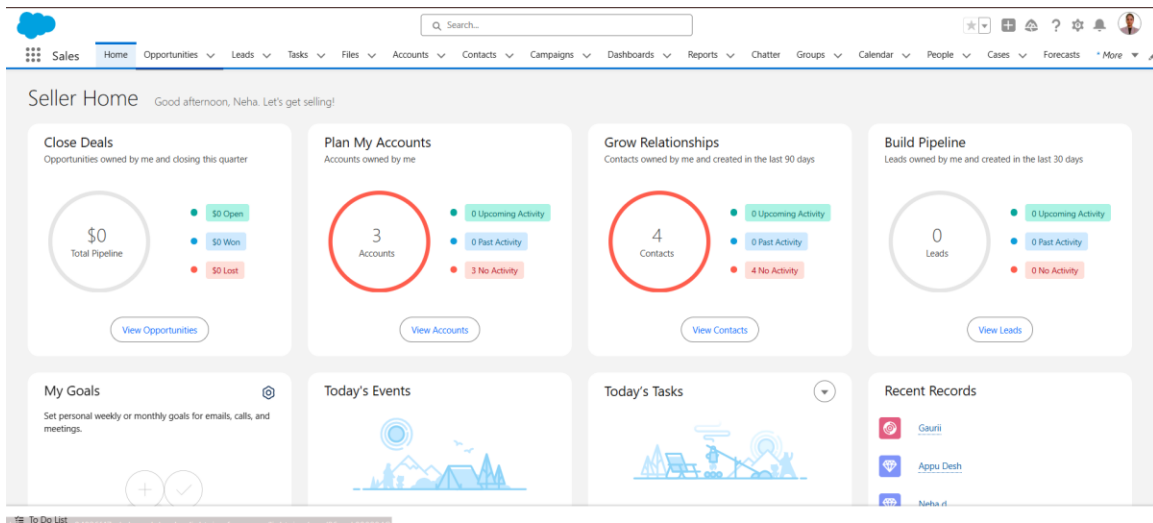
Phase 2. Org Setup & Configuration

In this phase, we set up the Salesforce Developer Edition for building DonarLink. This involves accessing the Salesforce environment, configuring company details, and preparing the org for development.



Salesforce Home Page

- ☐ Explain that the home page provides a centralised view for your Salesforce environment.
- ☐ Mention tabs like Home, App Launcher, Setup, and how you navigate to "Setup" for configuring objects and automation.



Company Info Setup

Phase 3. Data Modeling & Relationships

This phase focuses on designing the data structure for DonarLink. It ensures all donations, volunteers, and distributions are tracked efficiently. Salesforce's Object Manager and Schema Builder are used.

➤ Custom Objects & Fields

○ Donor Object

The image shows two screenshots from the Salesforce Setup interface. The top screenshot is the 'New Custom Object' form, and the bottom screenshot is the 'Donor' object details page in the Object Manager.

New Custom Object Form:

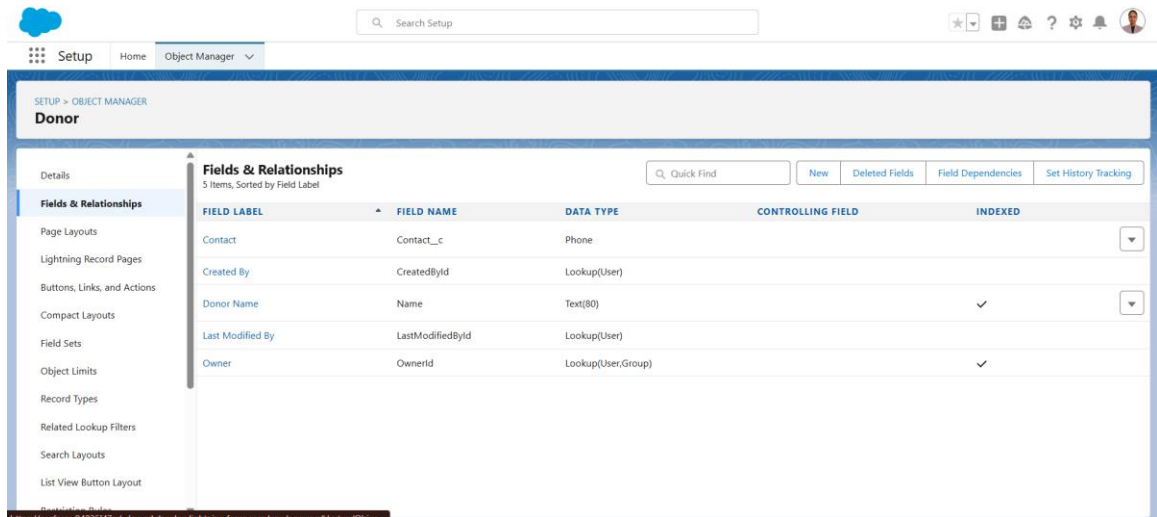
- Permissions:** A message states: "Permissions for this object are disabled for all profiles by default. You can enable object permissions in permission sets or by editing custom profiles. [Tell me more!](#) [Don't show this message again](#)"
- Custom Object Definition Edit:** Includes buttons for 'Save', 'Save & New', and 'Cancel'.
- Custom Object Information:**
 - Label:** Donor (Example: Account)
 - Plural Label:** Donors (Example: Accounts)
 - Starts with vowel sound:** ☐
 - Object Name:** Donor (Example: Account)
 - Description:** (Empty text area)
 - Context-Sensitive Help Setting:** ☒ Open the standard Salesforce.com Help & Training window; ☐ Open a window using a Visualforce page
 - Content Name:** --None--

Donor Object Details (Object Manager):

- Details:** Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout.
- Details:**
 - Description:** (Empty text area)
 - API Name:** Donor_c
 - Custom:** ☒
 - Singular Label:** Donor
 - Plural Label:** Donors
 - Enable Reports:** ☒
 - Track Activities:** ☒
 - Track Field History:** ☒
 - Deployment Status:** Deployed
 - Help Settings:** Standard salesforce.com Help Window

Fields & Relationships of Donor Object

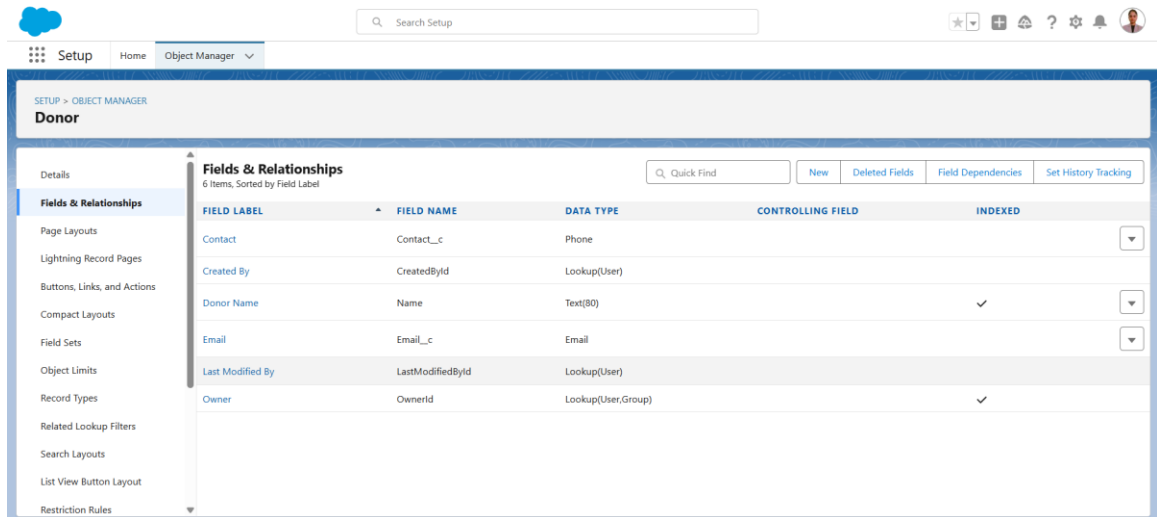
1. Phone



The screenshot shows the Salesforce Setup interface for the 'Donor' object. The 'Fields & Relationships' section is active, displaying a table of 5 fields. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are Contact, Created By, Donor Name, Last Modified By, and Owner. The 'Contact' field is highlighted in blue.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Contact	Contact_c	Phone		
Created By	CreatedById	Lookup(User)		
Donor Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓

2. Email



The screenshot shows the Salesforce Setup interface for the 'Donor' object. The 'Fields & Relationships' section is active, displaying a table of 6 fields. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are Contact, Created By, Donor Name, Email, Last Modified By, and Owner. The 'Email' field is highlighted in blue.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Contact	Contact_c	Phone		
Created By	CreatedById	Lookup(User)		
Donor Name	Name	Text(80)		✓
Email	Email_c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓

3. Donation Type (Picklist)

Setup Home Object Manager

Search Setup

Setup > OBJECT MANAGER

Donor

Details

Fields & Relationships 7 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Contact	Contact__c	Phone		
Created By	CreatedById	Lookup(User)		
Donation Type	Donation_Type__c	Picklist		
Donor Name	Name	Text(80)		✓
Email	Email__c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User.Group)		✓

Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules

4. Amount(Currency)

Setup Home Object Manager

Search Setup

Setup > OBJECT MANAGER

Donor

Details

Fields & Relationships 8 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Amount	Amount__c	Currency(18, 0)		
Contact	Contact__c	Phone		
Created By	CreatedById	Lookup(User)		
Donation Type	Donation_Type__c	Picklist		
Donor Name	Name	Text(80)		✓
Email	Email__c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User.Group)		✓

Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules

○ Supply Object

Setup Home Object Manager

Search Setup

Setup > OBJECT MANAGER

Supply

Details

Details

Edit Delete

Description

API Name
Supply__c

Custom
✓

Singular Label
Supply

Plural Label
Supplies

Enable Reports
✓

Track Activities
✓

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules

Fields and Relationships of Supply Object

Item Name

Setup

Home

Object Manager

Search Setup

Star

Grid

Help

Settings

Notifications

User

SETUP > OBJECT MANAGER

Supply

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Fields & Relationships

5 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Item Name	Item_Name__c	Text(50)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Supply Name	Name	Text(80)		✓

Quantity(Number)

Setup

Home

Object Manager

Search Setup

Star

Grid

Help

Settings

Notifications

User

SETUP > OBJECT MANAGER

Supply

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Fields & Relationships

6 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Item Name	Item_Name__c	Text(50)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Quantity	Quantity__c	Number(18, 0)		
Supply Name	Name	Text(80)		✓

Supplier

Setup
Home
Object Manager

SETUP > OBJECT MANAGER
Supply

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules

Fields & Relationships
7 Items, Sorted by Field Label

New
Deleted Fields
Field Dependencies
Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Item Name	Item_Name__c	Text(50)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Quantity	Quantity__c	Number(18, 0)		
Supplier	Supplier__c	Text(60)		
Supply Name	Name	Text(80)		✓

Expiry Date

Setup
Home
Object Manager

SETUP > OBJECT MANAGER
Supply

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules

Fields & Relationships
8 Items, Sorted by Field Label

New
Deleted Fields
Field Dependencies
Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Expiry Date	Expiry_Date__c	Date		
Item Name	Item_Name__c	Text(50)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Quantity	Quantity__c	Number(18, 0)		
Supplier	Supplier__c	Text(60)		
Supply Name	Name	Text(80)		✓

○ Volunteer Object

Setup Home Object Manager

Search Setup

Setup > OBJECT MANAGER

Volunteer

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules

Details

Description
API Name
Volunteer__c
Custom
Singular Label
Volunteer
Plural Label
Volunteers

Enable Reports
✓
Track Activities
✓
Track Field History
✓
Deployment Status
Deployed
Help Settings
Standard salesforce.com Help Window

Edit Delete

Fields and Relationship of Volunteer object

Phone

Setup Home Object Manager

Search Setup

Setup > OBJECT MANAGER

Volunteer

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules

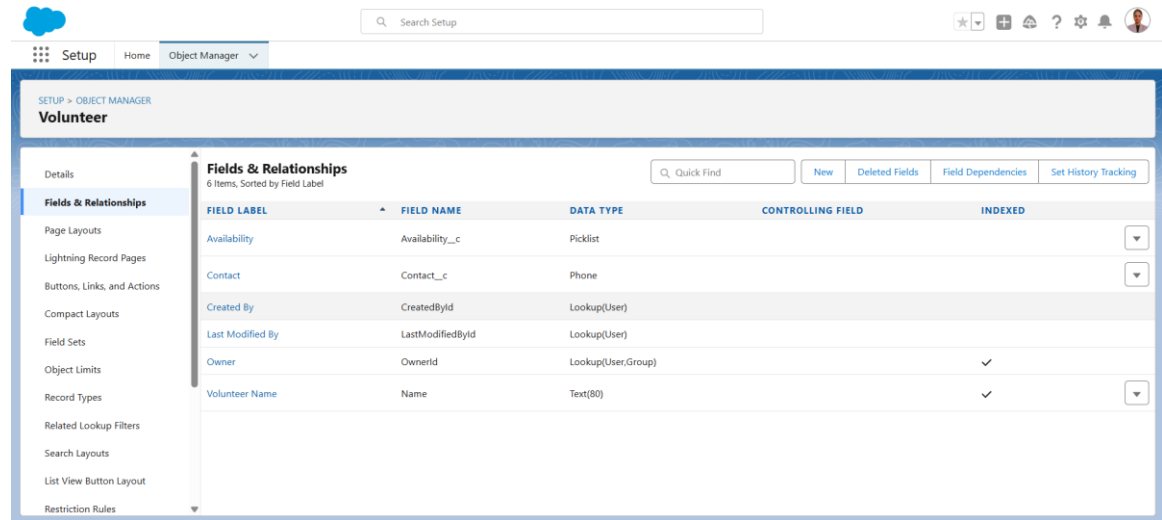
Fields & Relationships

5 Items, Sorted by Field Label

Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Contact	Contact__c	Phone		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User.Group)		✓
Volunteer Name	Name	Text(80)		✓

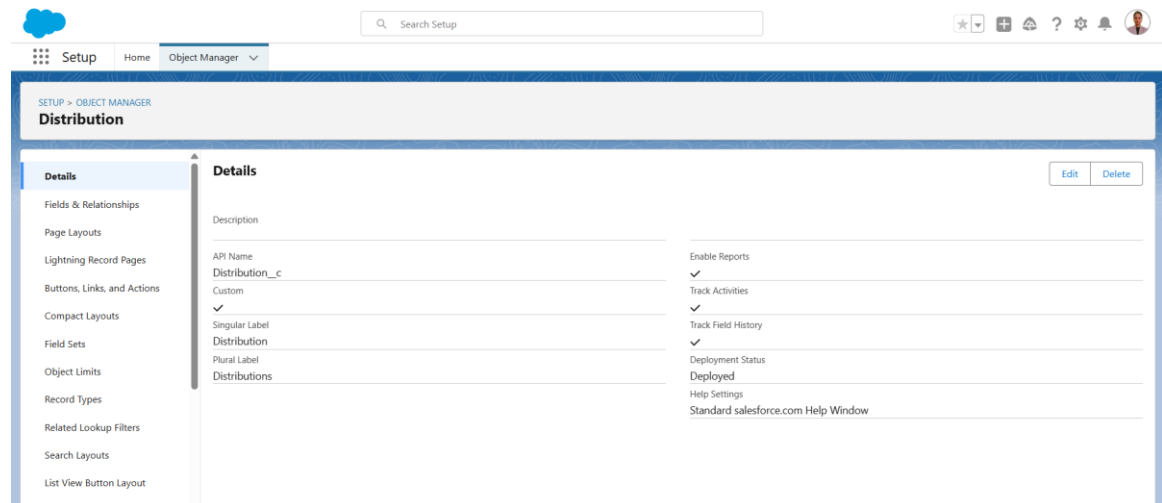
Availability (Picklist)



The screenshot shows the Salesforce Setup interface for the 'Volunteer' object. The 'Fields & Relationships' section is active, displaying a table of 6 items sorted by Field Label. The table includes columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed status. The fields listed are Availability, Contact, Created By, Last Modified By, Owner, and Volunteer Name.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Availability	Availability__c	Picklist		
Contact	Contact__c	Phone		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Volunteer Name	Name	Text(80)		✓

○ Distribution Object



The screenshot shows the Salesforce Setup interface for the 'Distribution' object. The 'Details' section is active, displaying various configuration options. The 'API Name' is 'Distribution__c', and the 'Singular Label' is 'Distribution'. The 'Plural Label' is 'Distributions'. The 'Deployed' status is checked, and the 'Help Settings' are set to 'Standard salesforce.com Help Window'.

Field Name	Value
Description	
API Name	Distribution__c
Custom	✓
Singular Label	Distribution
Plural Label	Distributions
Enable Reports	✓
Track Activities	✓
Track Field History	✓
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

Location

Setup Home Object Manager

Search Setup

Setup > OBJECT MANAGER

Distribution

Details

Fields & Relationships
5 Items, Sorted by Field Label

Q, Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Distribution Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Text(60)		
Owner	OwnerId	Lookup(User,Group)		✓

Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules

Quantity

Setup Home Object Manager

Search Setup

Setup > OBJECT MANAGER

Distribution

Details

Fields & Relationships
6 Items, Sorted by Field Label

Q, Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Distribution Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Text(60)		
Owner	OwnerId	Lookup(User,Group)		✓
Quantity	Quantity__c	Number(18, 0)		

Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules

Donor(Lookup Relationship)

Setup Home Object Manager

Search Setup

Setup > OBJECT MANAGER

Distribution

Details


Fields & Relationships
7 Items, Sorted by Field Label

Q, Quick Find New Deleted Fields Field Dependencies Set History Tracking







FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Distribution Name	Name	Text(80)		✓
Donor	Donor__c	Lookup(Donor)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Text(60)		
Owner	OwnerId	Lookup(User,Group)		✓
Quantity	Quantity__c	Number(18, 0)		

Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules

Volunteer(Lookup Relationship)



Search Setup



SetupHomeObject Manager

SETUP > OBJECT MANAGER
Distribution

Details

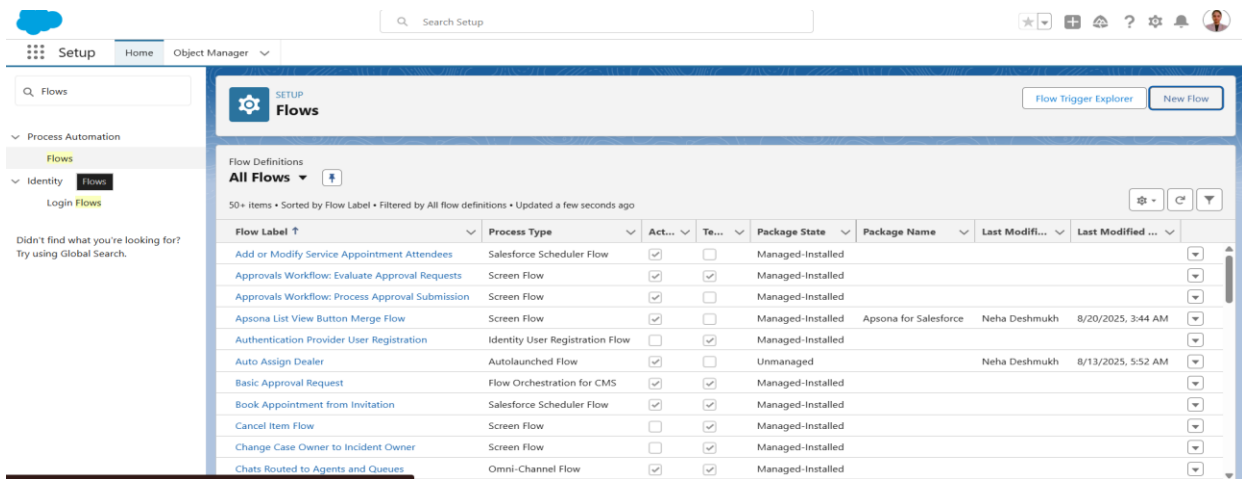
Fields & Relationships
8 Items, Sorted by Field Label

NewDeleted FieldsField DependenciesSet History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Distribution Name	Name	Text(80)		✓
Donor	Donor__c	Lookup(Donor)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Text(50)		
Owner	OwnerId	Lookup(User,Group)		✓
Quantity	Quantity__c	Number(18, 0)		
Volunteer	Volunteer__c	Lookup(Volunteer)		✓

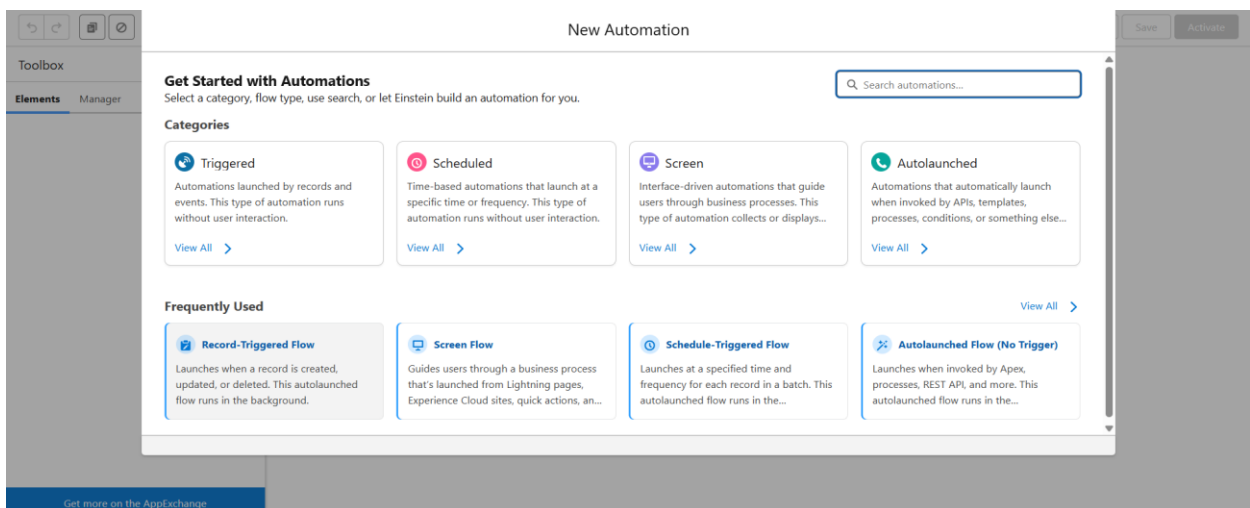
Phase 4. Process Automation

Automation reduces manual work. In DonarLink, volunteers are automatically assigned to distributions using Flows, and validation rules ensure data integrity.



The screenshot shows the Salesforce Setup interface, specifically the 'Flows' section. The left sidebar contains navigation links for 'Setup', 'Home', and 'Object Manager'. The main content area displays 'Flow Definitions' with a search bar and a 'New Flow' button. Below this is a table of flow definitions.

Flow Label ↑	Process Type	Act...	Te...	Package State	Package Name	Last Modifi...	Last Modified ...
Add or Modify Service Appointment Attendees	Salesforce Scheduler Flow	✓	✓	Managed-Installed			
Approvals Workflow: Evaluate Approval Requests	Screen Flow	✓	✓	Managed-Installed			
Approvals Workflow: Process Approval Submission	Screen Flow	✓	✓	Managed-Installed			
Apsona List View Button Merge Flow	Screen Flow	✓	✓	Managed-Installed	Apsona for Salesforce	Neha Deshmukh	8/20/2025, 3:44 AM
Authentication Provider User Registration	Identity User Registration Flow	✓	✓	Managed-Installed			
Auto Assign Dealer	Autolaunched Flow	✓	✓	Unmanaged		Neha Deshmukh	8/13/2025, 5:52 AM
Basic Approval Request	Flow Orchestration for CMS	✓	✓	Managed-Installed			
Book Appointment from Invitation	Salesforce Scheduler Flow	✓	✓	Managed-Installed			
Cancel Item Flow	Screen Flow	✓	✓	Managed-Installed			
Change Case Owner to Incident Owner	Screen Flow	✓	✓	Managed-Installed			
Chats Routed to Agents and Queues	Omni-Channel Flow	✓	✓	Managed-Installed			



The screenshot shows the 'New Automation' wizard in Salesforce. The left sidebar contains a 'Toolbox' with 'Elements' and 'Manager' tabs. The main content area is titled 'Get Started with Automations' and includes a search bar. Below the search bar are four categories of automations: 'Triggered', 'Scheduled', 'Screen', and 'Autolaunched'. Each category has a description and a 'View All' link. Below these categories is a 'Frequently Used' section with four options: 'Record-Triggered Flow', 'Screen Flow', 'Schedule-Triggered Flow', and 'Autolaunched Flow (No Trigger)'. Each option has a description and a 'View All' link.

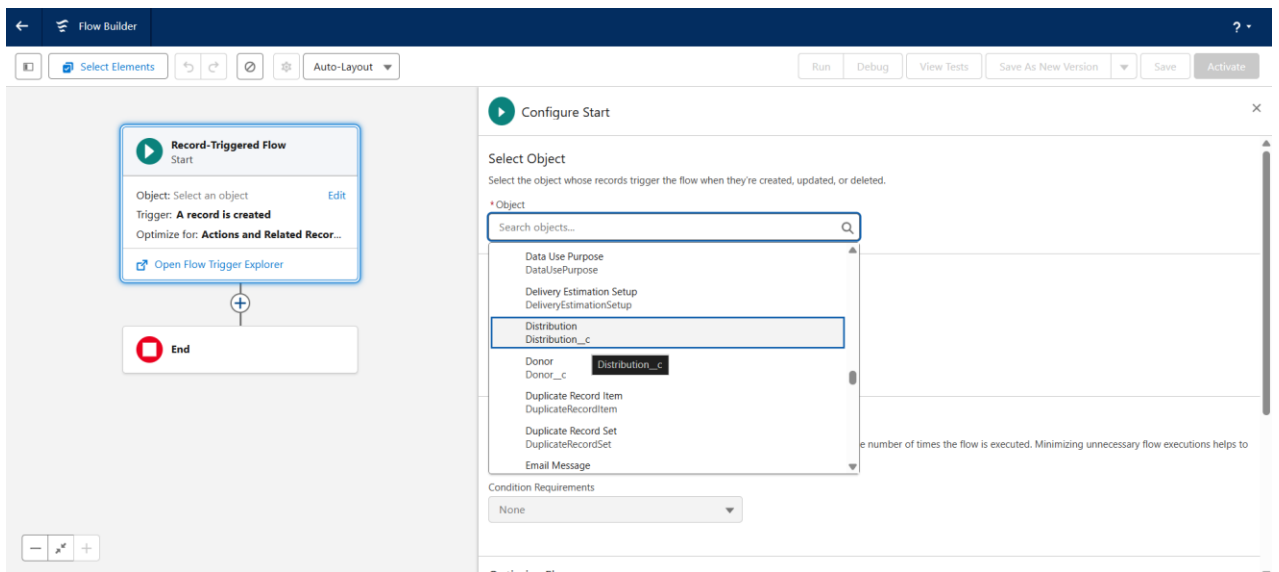
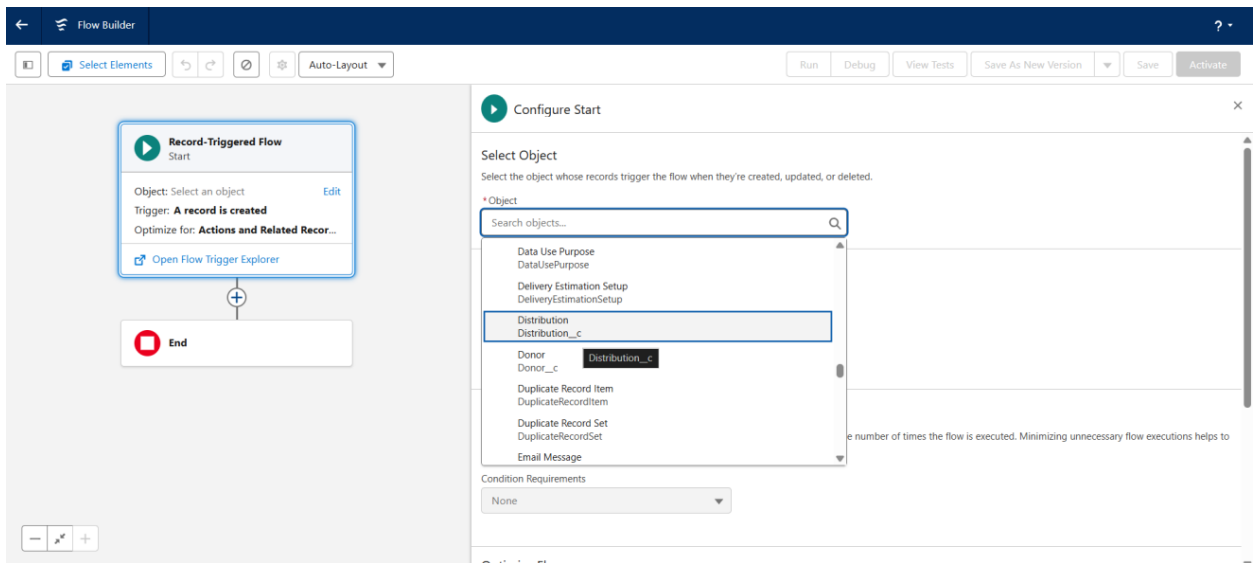
Get Started with Automations
Select a category, flow type, use search, or let Einstein build an automation for you.

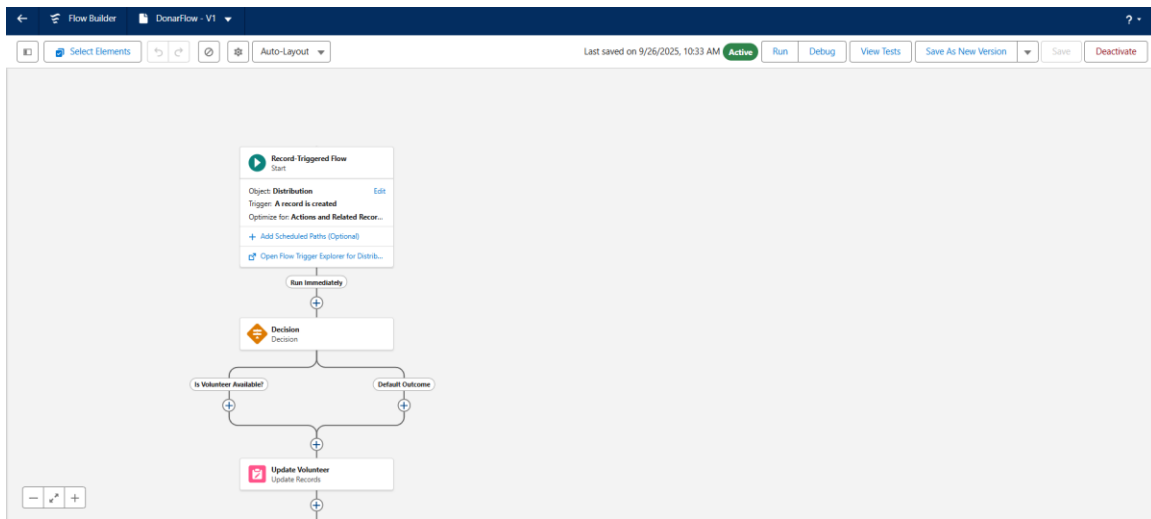
Categories

- Triggered**
Automations launched by records and events. This type of automation runs without user interaction.
[View All >](#)
- Scheduled**
Time-based automations that launch at a specific time or frequency. This type of automation runs without user interaction.
[View All >](#)
- Screen**
Interface-driven automations that guide users through business processes. This type of automation collects or displays...
[View All >](#)
- Autolaunched**
Automations that automatically launch when invoked by APIs, templates, processes, conditions, or something else...
[View All >](#)

Frequently Used

- Record-Triggered Flow**
Launches when a record is created, updated, or deleted. This autolaunched flow runs in the background.
- Screen Flow**
Guides users through a business process that's launched from Lightning pages, Experience Cloud sites, quick actions, an...
- Schedule-Triggered Flow**
Launches at a specified time and frequency for each record in a batch. This autolaunched flow runs in the...
- Autolaunched Flow (No Trigger)**
Launches when invoked by Apex, processes, REST API, and more. This autolaunched flow runs in the...



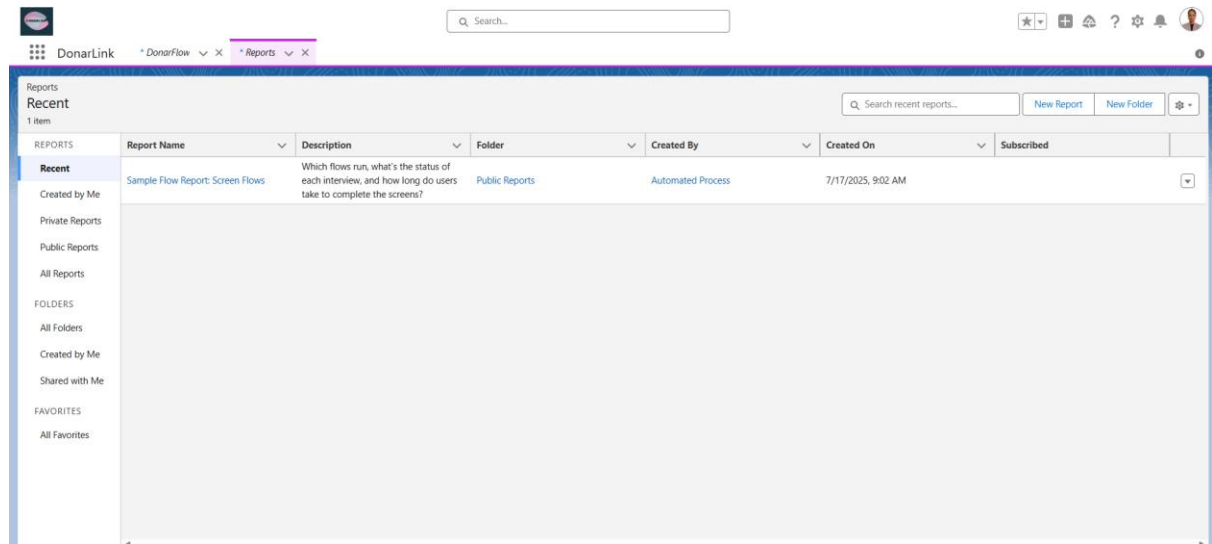


- ☐ when a new Distribution record is created, the system finds an available volunteer and assigns them.
- ☐ Mention the logic behind the flow: checking volunteer availability, matching skills (if applicable), and updating the Distribution record.

Reports

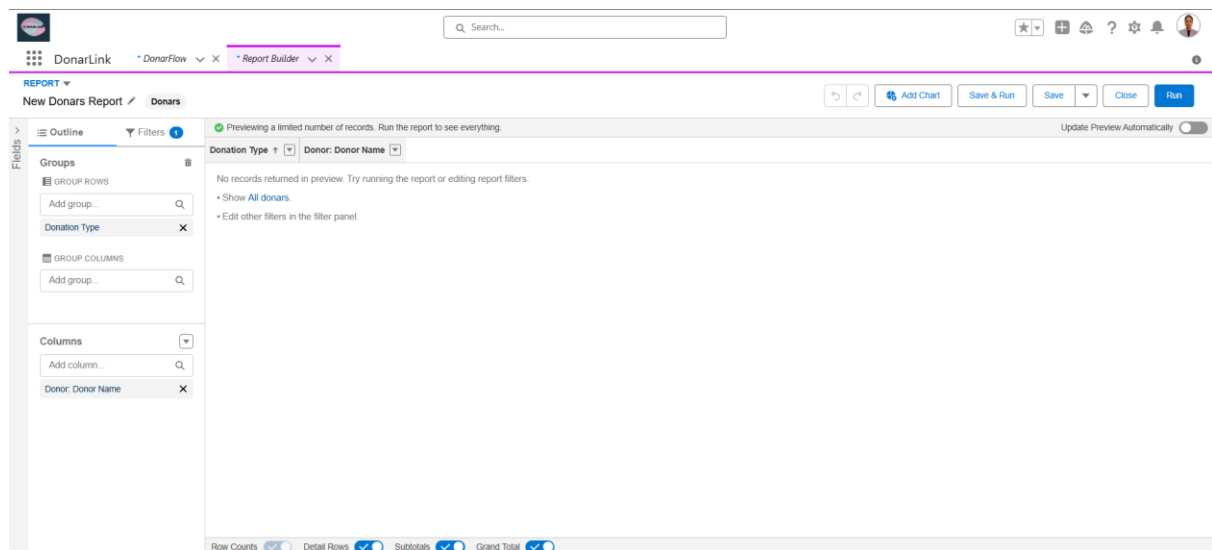
- Donor → Group by Donation Type.
- Supply → Filter Quantity < 10.
- Volunteer → Show Availability

1.



2. Select Object (Donor, Supply, Volunteer, Distribution).

Donor → Group by Donation Type.



Supply → Filter Quantity < 10.

DonarLink
DonarFlow
Report Builder
Analytics

REPORT
New Supplis Report
Supplis

Add Chart
Save & Run
Save
Close
Run

Outline
Filters

Add filter...

Show like:
My supplis

Expiry Date:
All Time

Quantity:
less than 10

Supply: Supply Name

No records returned in preview. Try running the report or editing report filters.

Show All supplis

Edit other filters in the filter panel.

Volunteer → Show Availability.

DonarLink
DonarFlow
Report Builder
Analytics

REPORT
Volunteers by Availability
Volunteers

Add Chart
Save & Run
Save
Close
Run

Outline
Filters

Add group...

Columns:

Add column...

Volunteer: Volunteer Name

Availability

Volunteer: Volunteer Name
Availability

No records returned in preview. Try running the report or editing report filters.

Show All volunteers

Edit other filters in the filter panel.

Ask Einstein to help with calculated fields

Generative AI can help you with the technical work of building formulas. Just describe your calculation and then review the output to be sure it's what you want.

Got it

PAGE 19

Phase 5. Apex Programming

In this phase, we implemented custom logic that could not be handled by standard Salesforce automation. Apex programming allows us to extend Salesforce functionality and automate complex processes.

Trigger

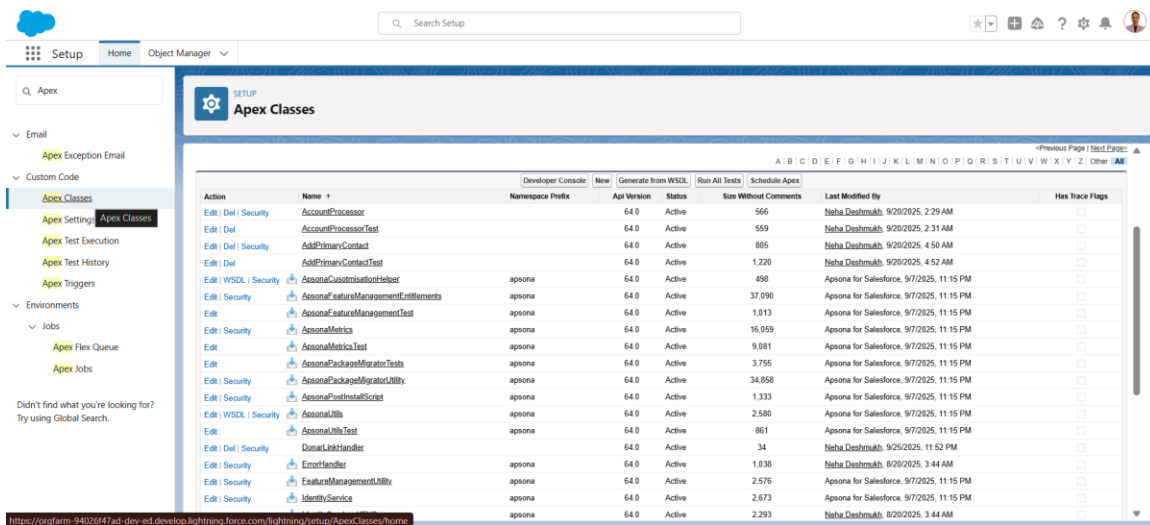
Implementation:

A trigger was created on the **Distribution** object to automatically assign a volunteer whenever a new distribution record is created. The trigger ensures that available volunteers are allocated efficiently without manual intervention.

Handler

Class:

A handler class was developed to contain the business logic for the trigger. The class checks volunteer availability and updates the Distribution record accordingly. Using a separate handler class improves maintainability and follows best practices by keeping triggers simple and declarative.



The screenshot shows the Salesforce Setup interface. The left sidebar contains navigation links for Setup, Home, and Object Manager. The main content area is titled 'Apex Classes' and displays a table of classes. The table has columns for Action, Name, Namespace Prefix, Api Version, Status, Size Without Comments, Last Modified By, and Has Trace Flags. The table lists various classes, including AccountProcessor, AccountProcessorTest, AddPrimaryContact, AddPrimaryContactTest, ApsonaCustomizationHelper, ApsonaCustomizationHelperTest, ApsonaFeatureManagement, ApsonaFeatureManagementTest, ApsonaMetrics, ApsonaMetricsTest, ApsonaPackageMigratorTests, ApsonaPackageMigratorUtility, ApsonaPackageMigratorUtilityTest, ApsonaUtility, ApsonaUtilityTest, ApsonaLinkHandler, ApsonaLinkHandlerTest, ApsonaFeatureManagementUtility, and IdentityService.

Action	Name	Namespace Prefix	Api Version	Status	Size Without Comments	Last Modified By	Has Trace Flags
Edit Del Security	AccountProcessor		64.0	Active	566	Neha Dashmubh 9/20/2025, 2:29 AM	<input type="checkbox"/>
Edit Del	AccountProcessorTest		64.0	Active	559	Neha Dashmubh 9/20/2025, 2:31 AM	<input type="checkbox"/>
Edit Del Security	AddPrimaryContact		64.0	Active	805	Neha Dashmubh 9/20/2025, 4:50 AM	<input type="checkbox"/>
Edit Del	AddPrimaryContactTest		64.0	Active	1,220	Neha Dashmubh 9/20/2025, 4:52 AM	<input type="checkbox"/>
Edit Security	ApsonaCustomizationHelper	apsona	64.0	Active	498	Apsona for Salesforce, 9/7/2025, 11:15 PM	<input type="checkbox"/>
Edit Security	ApsonaCustomizationHelperTest	apsona	64.0	Active	37,090	Apsona for Salesforce, 9/7/2025, 11:15 PM	<input type="checkbox"/>
Edit	ApsonaFeatureManagement	apsona	64.0	Active	1,013	Apsona for Salesforce, 9/7/2025, 11:15 PM	<input type="checkbox"/>
Edit Security	ApsonaMetrics	apsona	64.0	Active	16,059	Apsona for Salesforce, 9/7/2025, 11:15 PM	<input type="checkbox"/>
Edit	ApsonaMetricsTest	apsona	64.0	Active	9,081	Apsona for Salesforce, 9/7/2025, 11:15 PM	<input type="checkbox"/>
Edit	ApsonaPackageMigratorTests	apsona	64.0	Active	3,755	Apsona for Salesforce, 9/7/2025, 11:15 PM	<input type="checkbox"/>
Edit Security	ApsonaPackageMigratorUtility	apsona	64.0	Active	34,858	Apsona for Salesforce, 9/7/2025, 11:15 PM	<input type="checkbox"/>
Edit Security	ApsonaPackageMigratorUtilityTest	apsona	64.0	Active	1,333	Apsona for Salesforce, 9/7/2025, 11:15 PM	<input type="checkbox"/>
Edit WSDL Security	ApsonaUtility	apsona	64.0	Active	2,580	Apsona for Salesforce, 9/7/2025, 11:15 PM	<input type="checkbox"/>
Edit	ApsonaUtilityTest	apsona	64.0	Active	861	Apsona for Salesforce, 9/7/2025, 11:15 PM	<input type="checkbox"/>
Edit Del Security	ApsonaLinkHandler	apsona	64.0	Active	34	Neha Dashmubh 9/20/2025, 11:52 PM	<input type="checkbox"/>
Edit Security	ApsonaLinkHandlerTest	apsona	64.0	Active	1,838	Neha Dashmubh 9/20/2025, 3:44 AM	<input type="checkbox"/>
Edit Security	ApsonaFeatureManagementUtility	apsona	64.0	Active	2,576	Apsona for Salesforce, 9/7/2025, 11:15 PM	<input type="checkbox"/>
Edit Security	IdentityService	apsona	64.0	Active	2,873	Apsona for Salesforce, 9/7/2025, 11:15 PM	<input type="checkbox"/>
		apsona	64.0	Active	2,293	Neha Dashmubh 9/20/2025, 3:44 AM	<input type="checkbox"/>

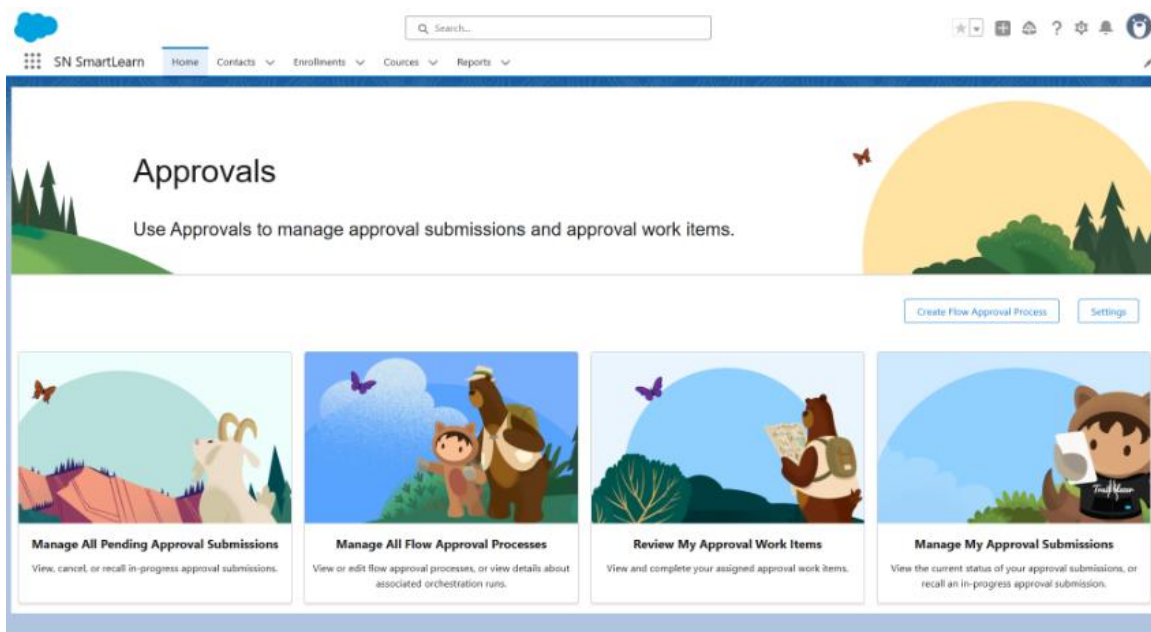
Phase 6. User Interface Development

Lightning App & Tabs :

Action: You created the SN SmartLearn Lightning App.

Use: This provides a dedicated, branded workspace for your Admissions Team and instructor, separating their work from other functions in Salesforce. The Tabs (Home, Students, Courses, etc.)

Provide easy, one-click navigation to the most important objects



Record Pages

Donar Object Record page :

DonarLink DonarLink Arpita Deshmukh | Donor Neha d | Supply

Supply
Neha d

New Contact Edit New Opportunity

Related Details

Supply Name	Neha d	Owner	Neha Deshmukh
Item Name	Food		
Quantity	400		
Supplier	4		
Expiry Date	9/25/2025		
Created By	Neha Deshmukh, 9/26/2025, 12:03 AM	Last Modified By	Neha Deshmukh, 9/26/2025, 12:03 AM

Activity

Filters: All time • All activities • All types

Refresh Expand All View All

Upcoming & Overdue

No activities to show.
Get started by sending an email, scheduling a task, and more.

No past activity. Past meetings and tasks marked as done show up here.

DonarLink DonarLink Arpita Deshmukh | Donor All | Supply

Supply
All

New Import Change Owner Printable View Assign Label

2 Items • Sorted by Supply Name • Updated a few seconds ago

Supply Name

1	Appu Desh
2	Neha d

Volunteer Object Record page :

DonarLink DonarLink Arpita Deshmukh | Donor All | Supply All | Distributions

Volunteer
Priya Satao

New Contact Edit New Opportunity

Related Details

Volunteer Name	Priya Satao	Owner	Neha Deshmukh
Contact	123412345		
Availability	Available		
Created By	Neha Deshmukh, 9/26/2025, 12:07 AM	Last Modified By	Neha Deshmukh, 9/26/2025, 12:07 AM

Activity

Filters: All time • All activities • All types

Refresh Collapse All View All

Upcoming & Overdue

No activities to show.
Get started by sending an email, scheduling a task, and more.

No past activity. Past meetings and tasks marked as done show up here.

Distribution Object Record Page :

DonarLink

DonarLink

Aspita Deshmukh | Donor

All | Supplys

Gauri | Distribution

Q Search...

Distribution

Gaurii

New Contact

Edit

New Opportunity

Related

Details

Distribution Name

Gaurii

Location

Pune

Quantity

300

Donor

Hiten Jaiswal

Volunteer

Prajakta

Created By

Neha Deshmukh, 9/26/2025, 12:10 AM

Owner

Neha Deshmukh

Last Modified By

Neha Deshmukh, 9/26/2025, 12:10 AM

Activity

Filters: All time • All activities • All types

Refresh • Expand All • View All

Upcoming & Overdue

No activities to show.

Get started by sending an email, scheduling a task, and more.

No past activity. Past meetings and tasks marked as done show up here.

Power & Battery

Energy saver is on

Phase 7. Integration and External Access

In this phase, we focused on extending the functionality of DonarLink by integrating external systems and enabling secure access for authorized users outside the Salesforce platform. Integration ensures that data can flow seamlessly between DonarLink and other applications, improving operational efficiency and real-time reporting.

1. External System Integration:

DonarLink can be integrated with external applications such as email services, payment gateways, and third-party inventory management systems. Integration allows:

- Automatic notification to volunteers via email when assigned to a distribution.
- Synchronization of supply data with external inventory systems to prevent stock discrepancies.
- Real-time updates of donor information from external CRM systems.

2. API Access:

- Salesforce REST and SOAP APIs were used to enable secure data exchange.
- External applications can create, update, or retrieve records in DonarLink (e.g., adding a new donation, updating supply quantity).
- API access is protected using OAuth 2.0 authentication, ensuring only authorized systems can access sensitive data.

3. Community & External User Access:

- Salesforce Communities or Experience Cloud can be configured to allow volunteers or partner organizations to log in and view their assignments.
- Access is role-based, ensuring users only see data relevant to them.
- Volunteers can confirm participation or update availability, reducing administrative workload.

4. Security and Data Protection:

- All external access is governed by Salesforce profiles, permission sets, and sharing rules.

- Sensitive information such as donor contact details and volunteer assignments are encrypted and accessible only to authorized users.