

12.Flows

Record-triggered flows are a powerful automation tool in Salesforce that can streamline business processes, reduce manual work, and improve productivity. They can be used to automate a wide range of tasks, from simple to complex, and can be tailored to meet the unique needs of your organization.

The image displays two screenshots from the Salesforce interface. The top screenshot shows the 'Flow Builder' for a 'Student flow - V1'. The flow diagram consists of three steps: 'Record-Triggered Flow Start' (a green circle with a play icon), 'Run Immediately' (a white circle with a lightning bolt icon), and 'Student Record Creation Action' (a blue square with a lightning bolt icon), followed by an 'End' node (a red square). The bottom screenshot shows the 'Setup' interface, specifically the 'Flows' section. It features a table of flow definitions with columns for Flow Label, Process Type, Active status, Template, Package State, Package, Last Modified By, and Last Modified Date. The table lists 17 flows, including 'Basic Approval Request', 'Basic Survey', 'Book Appointment from Invitation', 'Cancel Item Flow', 'Change Case Owner to Incident Owner', 'Close Change Request & Related Issues', 'CMS Check Whether Any Step is Completed', 'CMS Notify Content Author', 'CMS Review Content', 'CMS Submit Content for Review', 'CMS Withdraw Review Request', 'Create a Case', and 'Create Order Summary Flow'.

Flow Builder: Student flow - V1

Auto-Layout Version 1: Active—Last modified 7 days ago Run Debug View Tests Deactivate Save As Save

Record-Triggered Flow Start
Run Immediately
Student Record Creation Action
End

Setup: Flows

Flow Definitions
All Flows 37 items • Sorted by Flow Label • Filtered by All flow definitions • updated a few seconds ago

Flow Label ↑	Process Type	Active	Template	Package State	Package...	Last Mod...	Last Modified Date
Basic Approval Request	Flow Orchestration for CMS	✓	✓	Managed-Installed			
Basic Survey	Screen Flow	✓	✓	Unmanaged		Salaj S S	03/10/2023 2:14 pm
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			
Close Change Request & Related Issues	Screen Flow	✓	✓	Managed-Installed			
CMS Check Whether Any Step is Completed	Evaluation Flow	✓	✓	Managed-Installed			
CMS Notify Content Author	Screen Flow	✓	✓	Managed-Installed			
CMS Review Content	Screen Flow	✓	✓	Managed-Installed			
CMS Submit Content for Review	Screen Flow	✓	✓	Managed-Installed			
CMS Withdraw Review Request	Screen Flow	✓	✓	Managed-Installed			
Create a Case	Screen Flow	✓	✓	Managed-Installed			
Create Order Summary Flow	Autolaunched Flow	✓	✓	Managed-Installed			

```

schoolHandler.beforeDelete(trigger.old);
    }
}

```

schoolHandler.apex Internalmarks.apex

Code Coverage: None API Version: 59 Go To

```

1 * trigger Internalmarks on School__c (before delete) {
2     if(trigger.isDelete)
3         if(trigger.isBefore)
4             schoolHandler.beforeDelete(trigger.old);
5 }

```

Logs Tests Checkpoints Query Editor View State Progress Problems

Status	Test Run	Enqueued Time	Duration	Failures	Total
Overall Code Coverage					
Class		Percent		Lines	
Overall		0%			
Internalmarks		0%		0/3	
schoolHandler		0%		0/4	

schoolHandler.apex Internalmarks.apex

Code Coverage: None API Version: 59 Go To

```

1 * public class schoolHandler {
2 *     public static void beforeDelete(List<School__c> oldList) {
3 *         for(School__c s : oldList){
4 *             if(s.Schoolwebsite__c == null )
5 *                 s.addError('you cannot delete the record');
6 *         }
7 *     }
8 * }

```

Logs Tests Checkpoints Query Editor View State Progress Problems

Status	Test Run	Enqueued Time	Duration	Failures	Total
Overall Code Coverage					
Class		Percent		Lines	
Overall		0%			
Internalmarks		0%		0/3	
schoolHandler		0%		0/4	

deleted, or undeleted. Triggers are used to automate business processes, enforce data integrity, and perform custom logic on data.

A before trigger in Salesforce is executed before the records are actually inserted, updated, or deleted in the Salesforce database. This allows the trigger to perform certain actions or validations before the data is saved to the database.

Create An Apex Trigger

1. Go to the gear icon and select the developer console.
2. From the menu bar click on file and select Apex class.
3. Now give the class name as schoolHandler 4. Now Write the

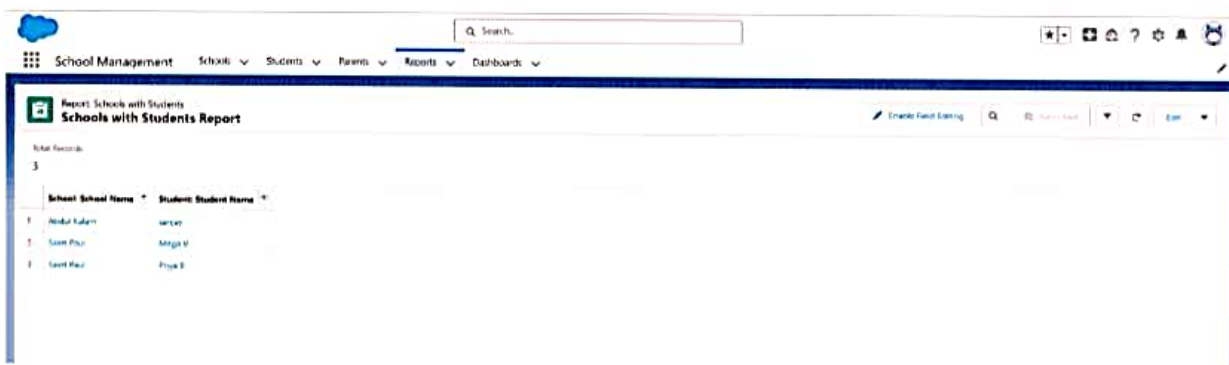
```
below code public class schoolHandler {  
    public static void beforeDelete(list<School__c>  
oldlist){  
        for(School__c s :  
oldlist){  
            if(s.Schoolwebsite__c == null ){  
                s.addError('you cannot delete the record');  
            }  
        }  
    }  
}
```

1. From the menu bar click on file and select Apex trigger.
2. Now give the trigger name as Internalmarks
3. Now write the below code trigger SchoolTrigger on School__c (before delete) {



View Report

1. Click on App Launcher on left side of screen.
2. Search **School Management App** & click on it.
3. Click on Reports Tab.
4. Click on **School with Students report** and see records



11.Triggers

A trigger refers to an Apex code that is automatically executed before or after certain events occur in the

Salesforce platform, such as when a record is inserted, updated,