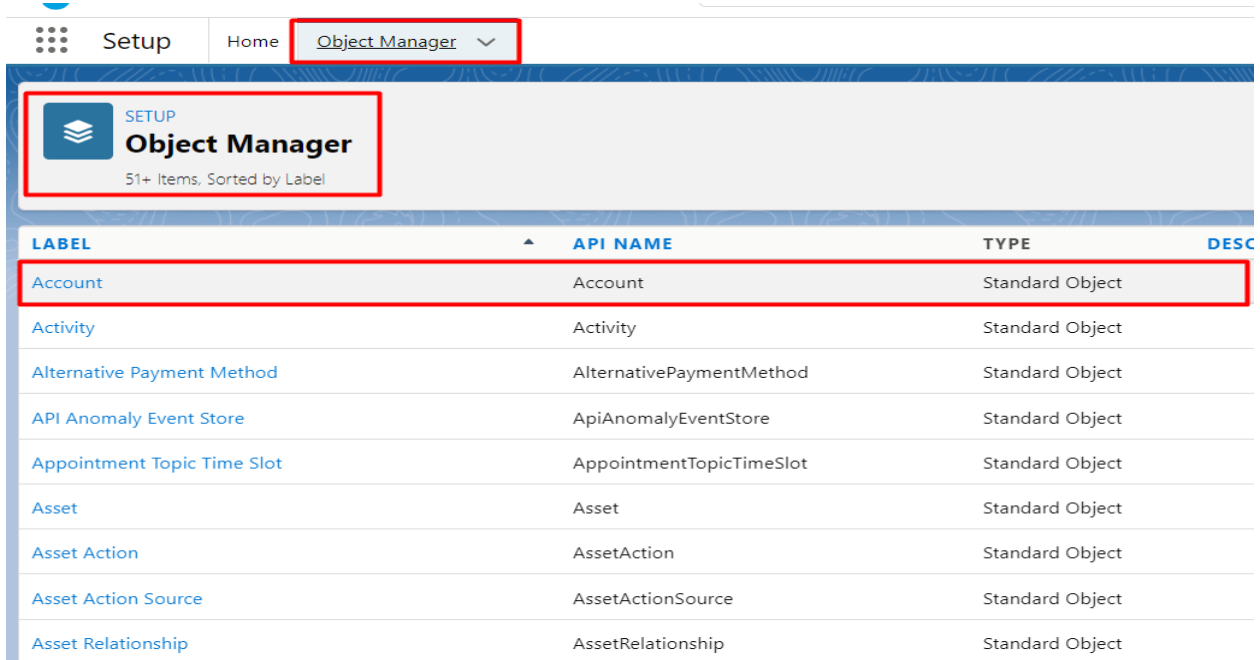


There are two types of validations in salesforce custom and system validation. System validation is the kind of validation that is compulsory to fill in and is made by default. In this lecture we will learn how we can create custom validations.

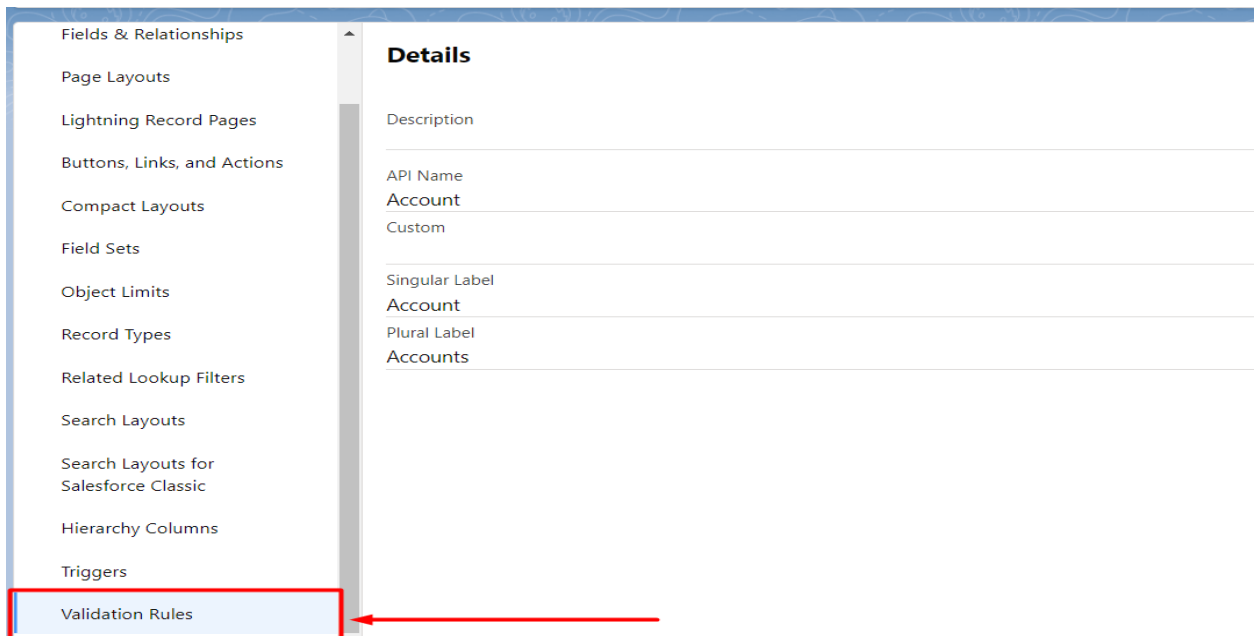
**Step 1:** In order to create custom validations you have to first go to setup and click on to object manager and open account object.



The screenshot shows the Salesforce Setup interface. The top navigation bar includes 'Setup', 'Home', and 'Object Manager' (highlighted with a red box). Below the navigation bar, the 'Object Manager' section is displayed with a red box around the 'Object Manager' header and the text '51+ Items, Sorted by Label'. A table lists various objects, with the 'Account' object highlighted by a red box. The table has columns for LABEL, API NAME, TYPE, and DESC.

LABEL	API NAME	TYPE	DESC
Account	Account	Standard Object	
Activity	Activity	Standard Object	
Alternative Payment Method	AlternativePaymentMethod	Standard Object	
API Anomaly Event Store	ApiAnomalyEventStore	Standard Object	
Appointment Topic Time Slot	AppointmentTopicTimeSlot	Standard Object	
Asset	Asset	Standard Object	
Asset Action	AssetAction	Standard Object	
Asset Action Source	AssetActionSource	Standard Object	
Asset Relationship	AssetRelationship	Standard Object	

**Step 2:** After you open the account object on the left hand side as you scroll you will see an option as Validation rules, click on that to open.



The screenshot shows the Salesforce Object Manager interface for the 'Account' object. The left sidebar contains a list of options, with 'Validation Rules' highlighted by a red box and a red arrow pointing to it. The right pane shows the 'Details' section for the 'Account' object, including fields for Description, API Name, Singular Label, and Plural Label.

Details
Description
API Name Account
Custom
Singular Label Account
Plural Label Accounts

**Step 3:** As you click on it you will be directed to the next page you will see an option as new on the right hand side of the screen click on it open, as you click on it you will again be directed to a new page where you can create your validation rule.

**Account Validation Rule**

Define a validation rule by specifying an error condition and a corresponding error message. The error condition is written as a Boolean formula expression that the save will be aborted and the error message will be displayed. The user can correct the error and try again.

**Validation Rule Edit** [Save] [Save & New] [Cancel]

Rule Name:

Active: ☒

Description:

**Error Condition Formula**

**Example:** `Discount_Percent_c>0.30` [More Examples...](#)  
Display an error if Discount is more than 30%  
If this formula expression is **true**, display the text defined in the Error Message area

[Insert Field] [Insert Operator]

**Functions**  
-- All Function Categories --  
ABS  
ADDMONTHS  
AND  
BEGINS  
BLANKVALUE  
BR  
[Insert Selected Function]  
ABS(number)  
Returns the absolute value of a

**Step 4:** You will have to fill information like rule name, active, description, field, operator etc. here I am naming it as "Check\_Annual\_Revenue" and putting description as "Annual revenue cannot be blank" further you will be able to see that we have to put formula so I can select function from the function option given on the right hand side, here i am searching for "ISBLANK" I select it and click on insert selected function.so now in place of expression i have to insert the field so here I will put annual revenue by clicking on insert field and selecting annual revenue and click on save.

**Validation Rule Edit** [Save] [Save & New] [Cancel]

Rule Name:

Active: ☒

Description:

**Error Condition Formula**

**Example:** `Discount_Percent_c>0.30` [More Examples...](#)  
Display an error if Discount is more than 30%  
If this formula expression is **true**, display the text defined in the Error Message area

[Insert Field] [Insert Operator]

`ISBLANK( AnnualRevenue )`

**Functions**  
-- All Function Categories --  
ABS  
ADDMONTHS  
AND  
BEGINS  
BLANKVALUE  
BR  
[Insert Selected Function]  
ABS(number)  
Returns the absolute value of a number, a number without its sign  
[Help on this function](#)

[Check Syntax] No errors found

**Step 5:** Now moving to account record and clicking on details and opening it in edit mode and if the annual revenue is blank and you click on save so here you will see that we will be unable to save this until we provide an annual revenue same applies with creating a new record.

The screenshot shows a web form for editing an account record. The form is divided into two columns. The left column contains fields for Account Name (Dickenson plc), Parent Account (Search Accounts...), Account Number (CC634267), Account Site, Type (Customer - Channel), Industry (Consulting), Annual Revenue (highlighted in yellow), and counts of colleges (0). The right column contains fields for Phone ((785) 241-6207), Fax ((785) 241-6201), Website (dickenson-consulting.com), Ticker Symbol, Ownership (Private), and Employees (120). A red error message box is overlaid on the form, stating "We hit a snag." and "Review the errors on this page." with a bullet point indicating "populate annual revenue". At the bottom, there is a "Save" button and a "Cancel" button. A note at the bottom left states "This field is calculated upon save property date".

\* Account Name  
Dickenson plc

Parent Account  
Search Accounts...

Account Number  
CC634267

Account Site

Type  
Customer - Channel

Industry  
Consulting

Annual Revenue

counts of colleges  
0

Phone  
(785) 241-6207

Fax  
(785) 241-6201

Website  
dickenson-consulting.com

Ticker Symbol

Ownership  
Private

Employees  
120

**We hit a snag.**

**Review the errors on this page.**

- populate annual revenue

This field is calculated upon save  
property date

Cancel Save