

Creating a New Custom Object in Salesforce Lightning

This guide walks you through creating a new custom object in Salesforce Lightning, from accessing the Setup menu to filling out the object details and resolving common validation errors.

Prerequisites

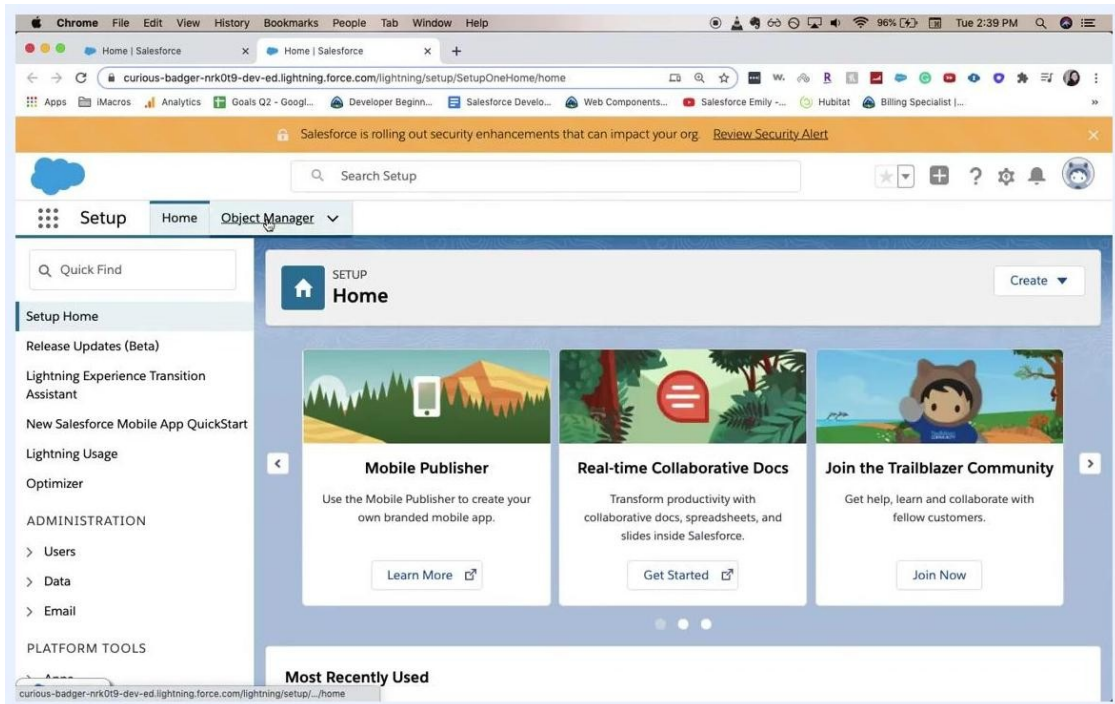
- Access to a Salesforce Lightning environment with login credentials.
- Permissions sufficient to access Setup and the Object Manager.

Steps

1. Navigate to the Salesforce home page

Open your web browser and log in to your Salesforce Lightning environment. Ensure you are on the Sales app, visible in the top left of the screen. The main dashboard displays Quarterly Performance, Today's Events, Today's Tasks, and an Assistant panel.

Locate the gear icon (⚙️) in the upper right corner of the screen and click it to open the settings dropdown menu. In the dropdown, select Setup (Setup for current app).

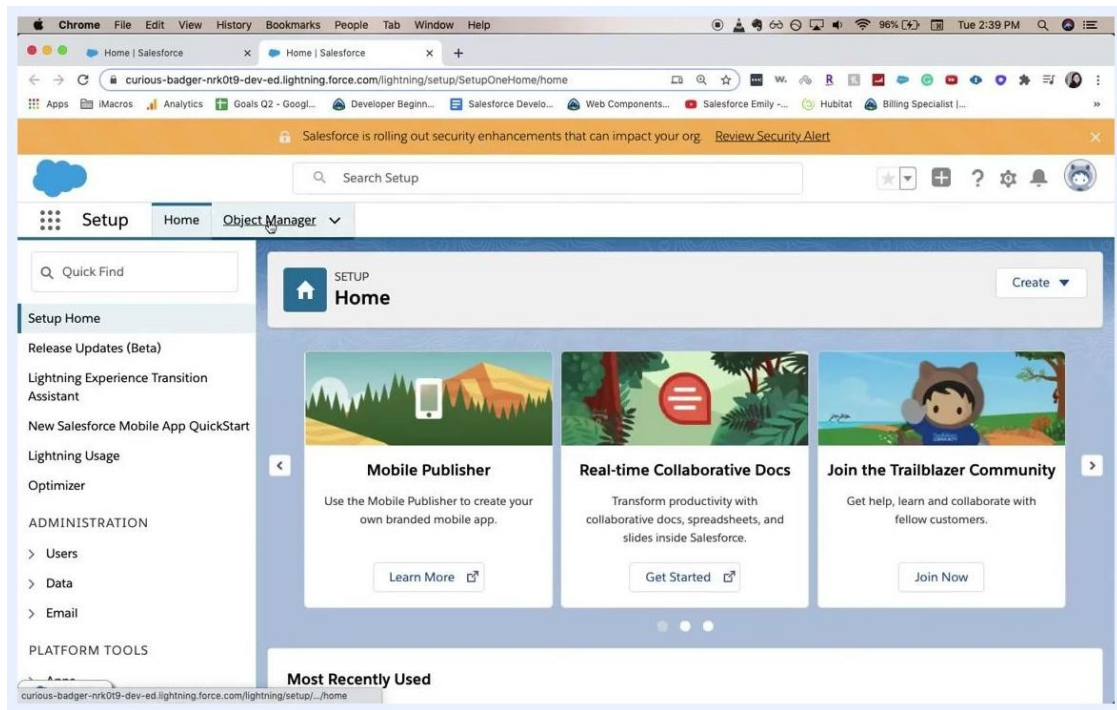


Salesforce home page with the gear icon dropdown open and the cursor on "Setup"

2. Access the Setup home page

The screen transitions to the Setup Home page. A notification bar at the top may display security alerts. The left sidebar contains navigation options such as Setup Home, Release Updates (Beta), Lightning Experience Transition Assistant, and others.

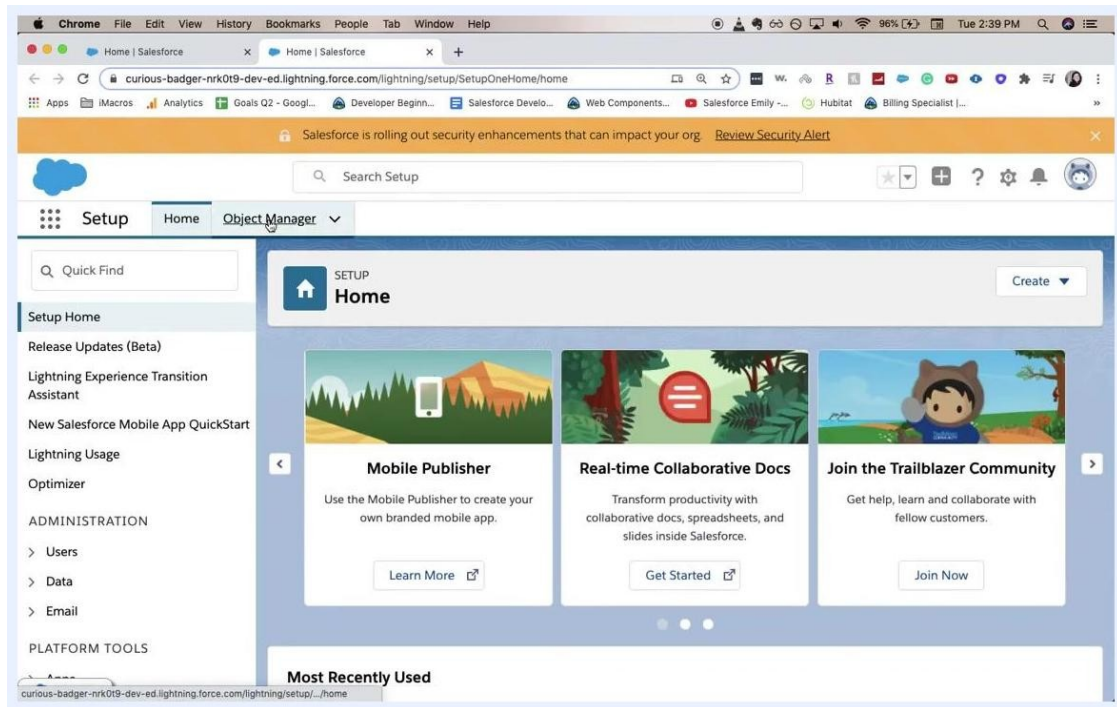
The main panel displays Setup Home with a Create button on the right.



Salesforce Setup Home page with the navigation sidebar and a security alert

3. Open the Object Manager

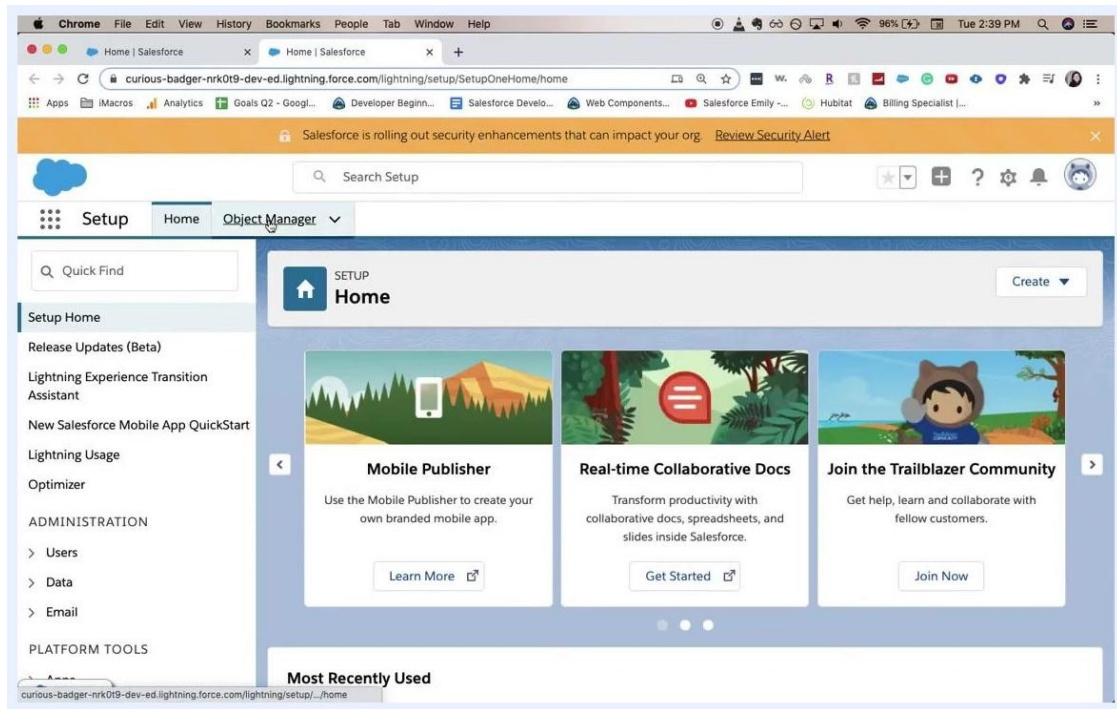
In the Setup navigation bar, click Object Manager, located next to Home. The Home tab remains visible, and the main panel updates to show featured setup options such as Mobile Publisher, Real-time Collaborative Docs, and Join the Trailblazer Community. The left sidebar remains unchanged.



Setup Home page with the Object Manager tab highlighted and featured setup options visible

4. Start creating a new custom object

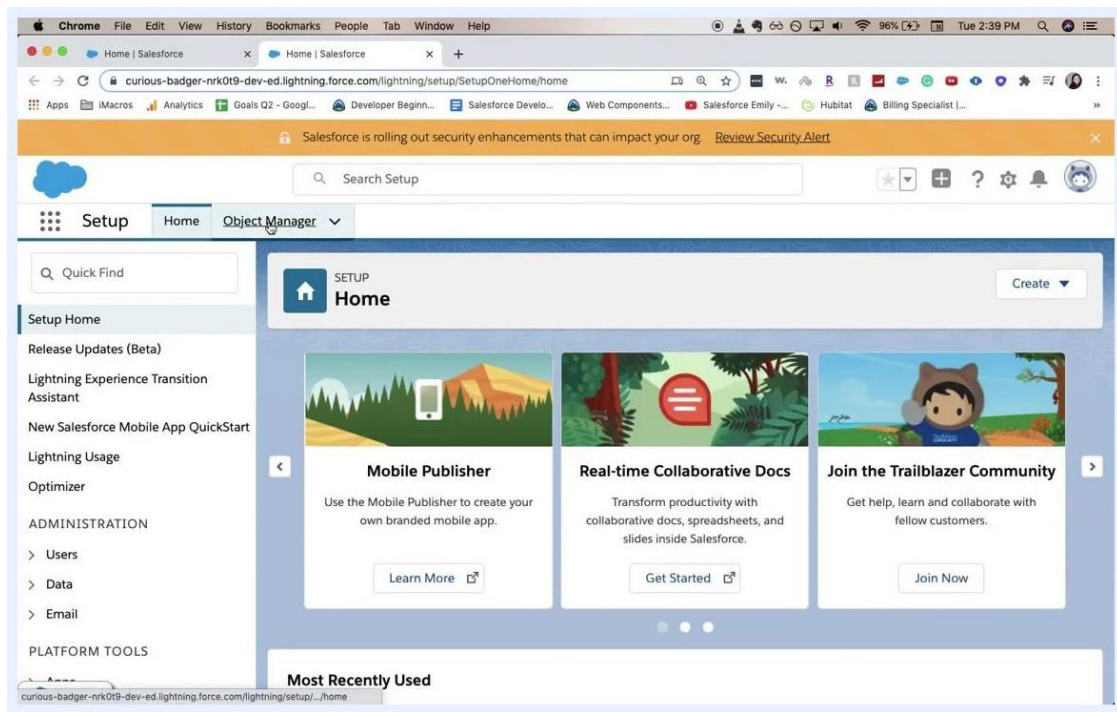
In the Object Manager view, you see a list of existing objects with columns for Label, API Name, and Description. Click the Create dropdown button on the right side of the screen, then select Custom Object from the dropdown.



Object Manager with the Create dropdown open and "Custom Object" selected

5. Open the New Custom Object wizard

The screen updates to New Custom Object under the Object Manager. The main panel is initially blank while the wizard loads.



New Custom Object wizard loading with a blank main panel

6. Enter custom object information

The New Custom Object form appears. A yellow banner at the top 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."

Under Custom Object Information, fill in the following fields:

- Label: Enter **New Object**
- Plural Label: Enter **New Objects**
- Object Name: Enter **New Object**

The Description field is visible but not yet filled in at this point.

The screenshot shows the Salesforce 'New Custom Object' setup page. The browser address bar indicates the URL is curious-badger-nrk0t9-dev-ed.lightning.force.com/lightning/setup/ObjectManager/new. The page title is 'New Custom Object'. Below the title, there is a section for 'The singular and plural labels are used in tabs, page layouts, and reports.' with fields for 'Label' (filled with 'New Object'), 'Plural Label' (filled with 'New Objects'), and 'Object Name' (filled with 'New Object'). The 'Description' field is empty. Below this, there is a 'Context-Sensitive Help Setting' section with two radio buttons: 'Open the standard Salesforce.com Help & Training window' (selected) and 'Open a window using a Visualforce page'. At the bottom, there is a section for 'Enter Record Name Label and Format' with a dropdown for 'Record Name' set to 'Name'.

New Custom Object form with the Label, Plural Label, and Object Name fields being filled in

7. Complete the object description

In the Description field, enter: [This object is to show how to create a new custom object.](#)

At this point, the form contains:

- Label: [New Object](#)
- Plural Label: [New Objects](#)
- Object Name: [New Object](#)
- Description: [This object is to show how to create a new custom object](#)

The Context-Sensitive Help Setting is set to "Open the standard Salesforce.com Help & Training window."

The screenshot shows the 'New Custom Object' form in Salesforce Setup. The form is titled 'New Custom Object' and includes the following fields and settings:

- Label:** New Object (Example: Account)
- Plural Label:** New Objects (Example: Accounts)
- Starts with vowel sound:** ☐
- Object Name:** New Object (Example: Account)
- Description:** This object is to show how to create a new custom object
- Context-Sensitive Help Setting:** ☒ Open the standard Salesforce.com Help & Training window
☐ Open a window using a Visualforce page
- Content Name:** --None--
- Enter Record Name Label and Format:**
 - Record Name:** Name (Example: Account Name)

New Custom Object form fully filled in, including the description

You have now completed the initial steps to create a new custom object in Salesforce Lightning. Continue with the steps below to configure additional settings and save your new object.

8. Review the form and enter record name details

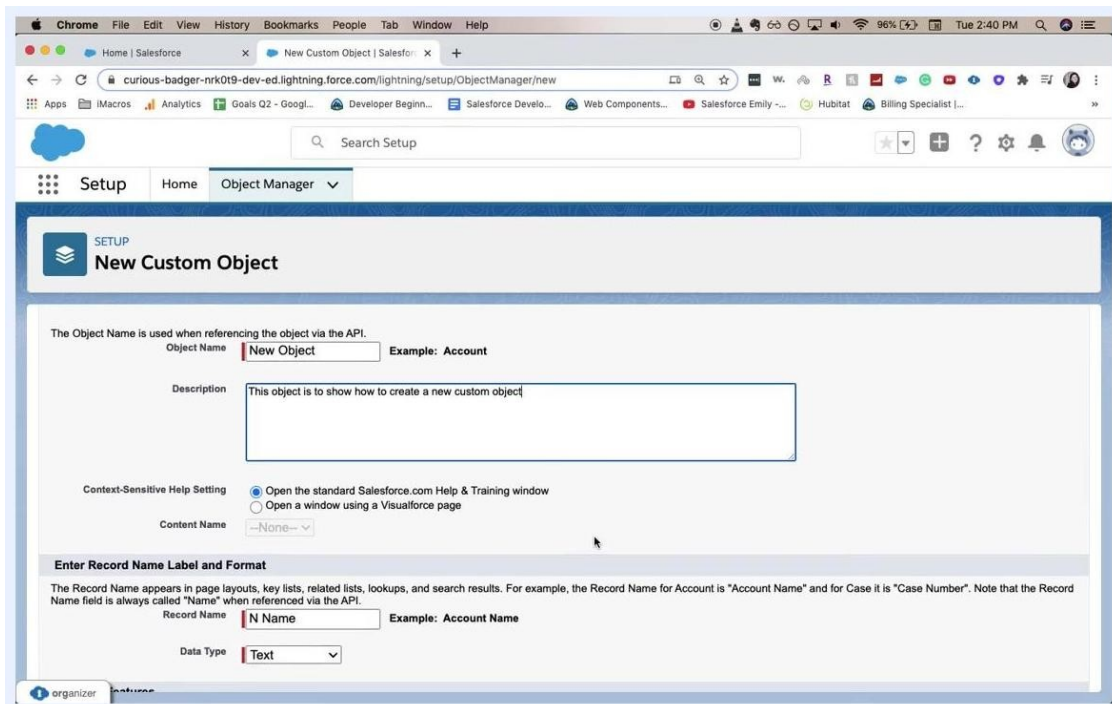
The New Custom Object form displays the following filled-in fields:

- Object Name: [New Object](#)
- Description: [This object is to show how to create a new custom object](#)

Under Enter Record Name Label and Format, the following values are set:

- Record Name: [Name](#)
- Data Type: [Text](#)

The environment is the Salesforce Lightning Setup interface, with the Object Manager tab active. No errors are shown at this point, and the form is ready for further input.



Salesforce New Custom Object form with Object Name, Description, and Record Name fields filled in, no errors shown yet

9. Attempt to save the object and address validation errors

When you attempt to save the custom object, a yellow banner reappears:

"Permissions for this object are disabled for all profiles by default. You can enable object permissions in permission sets or by editing custom profiles."

A red error message also appears: "Error: Invalid Data. Review all error messages below to correct your data." The Object Name field at this point contains New_Object, and an additional error message under Object Name states: "Error: The Object Name field can only contain underscores and alphanumeric characters. It must be unique, begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores."

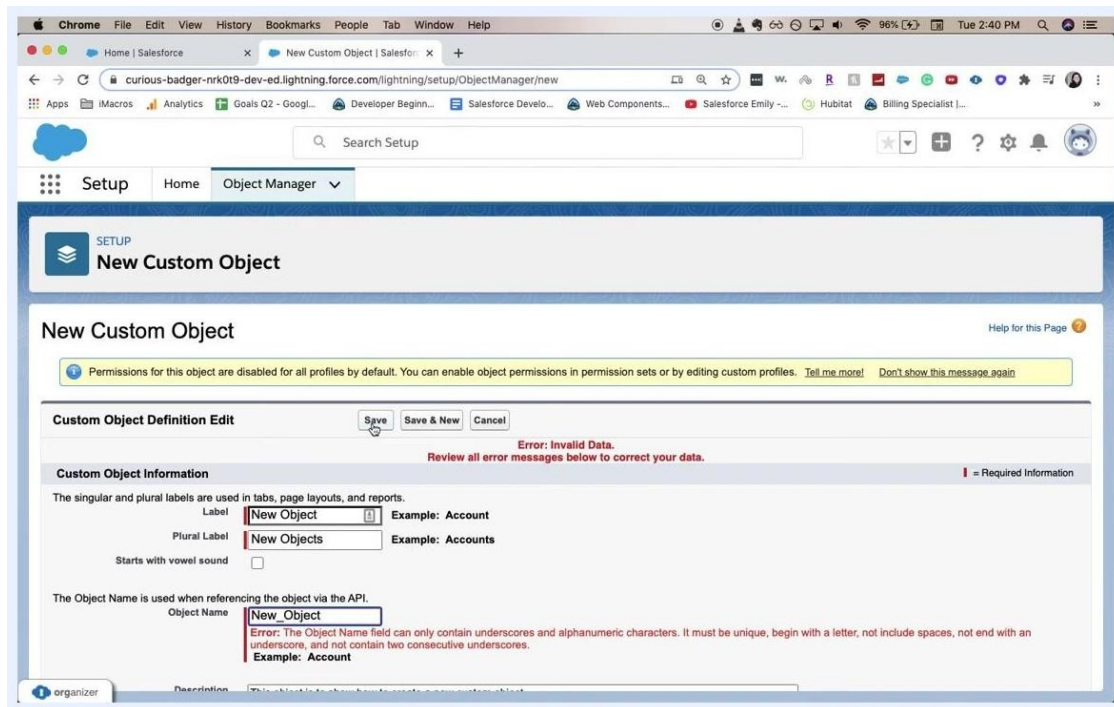
The cursor is positioned in the Object Name field, indicating that a correction is needed. The Save, Save & New, and Cancel buttons are visible at the top of the form.

The screenshot shows the Salesforce 'New Custom Object' form in a web browser. The browser's address bar displays the URL: `curious-badger-nrk0t9-dev-ed.lightning.force.com/lightning/setup/ObjectManager/new`. The page title is 'New Custom Object'. At the top, there are navigation tabs for 'Setup', 'Home', and 'Object Manager'. Below the tabs, there's a search bar and a 'Search Setup' button. The main content area is titled 'New Custom Object' and includes a help link. A yellow banner 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](#)'. Below this, the 'Custom Object Definition Edit' section contains 'Save', 'Save & New', and 'Cancel' buttons. A red error message 'Error: Invalid Data. Review all error messages below to correct your data.' is displayed. The 'Custom Object Information' section includes fields for 'Label' (New Object), 'Plural Label' (New Objects), and 'Object Name' (New_Object). The 'Object Name' field is highlighted with a red border and an error message: 'Error: The Object Name field can only contain underscores and alphanumeric characters. It must be unique, begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. Example: Account'. The 'Label' and 'Plural Label' fields also have red borders and error messages: 'Error: The Label field can only contain letters, numbers, and spaces. It must be unique, begin with a letter, and not end with a space. Example: Account' and 'Error: The Plural Label field can only contain letters, numbers, and spaces. It must be unique, begin with a letter, and not end with a space. Example: Accounts'.

Salesforce New Custom Object form showing an error for an invalid Object Name, with error messages highlighted

10. Attempt to save again after the error

If you click Save again without correcting the Object Name field, the error persists. The field still contains the invalid value `New_Object`, and the same error messages remain visible, indicating the issue has not yet been resolved.



Salesforce New Custom Object form with Save clicked again, error for invalid Object Name still present

What's next

- Correct the Object Name field to meet Salesforce requirements: use only letters, numbers, and underscores; begin with a letter; avoid spaces; do not end with an underscore; and do not use consecutive underscores.
- Once the error is resolved, click Save to successfully create the custom object.