

ASTREA BARCODE COMPONENT

Generate Barcode in few clicks

USER MANUAL

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Astrea Barcode Component

Component Overview:

Astrea Barcode component is a Salesforce Application. This component is useful to generate Barcodes. This component is used to convert any text to Barcode. User can use this component for any field in any object.

User can perform operations like “**Generate Barcode**”, in “**Code 128**”, “**Code 39**”, “**EAN 13**”, and in “**EAN 8**” format for any subject record in Salesforce.

Code 128 is a BarCode Generation Technique it converts any numbers, characters and special characters into 1 or 0 (Binary Form) form.

Code 39 is a BarCode Generation Technique which only converts number and Capital letters into 1 or 0 (Binary Form) form.

EAN 13 is a BarCode Generation Technique which only converts number (12 digit number) into 1 or 0 (Binary Form) form. If User enter less than 12 digit than this techniques will append 0 before the number. When user will scan the number, user will get 13 digit number with checksum digit.

EAN 8 is a BarCode Generation Technique which only converts number (7 digit number) into 1 or 0 (Binary Form) form. When user will scan the number, user will get 8 digit number with checksum digit. If User enter less than 7 digit than this techniques will not convert into 1 or 0 (Binary Form).

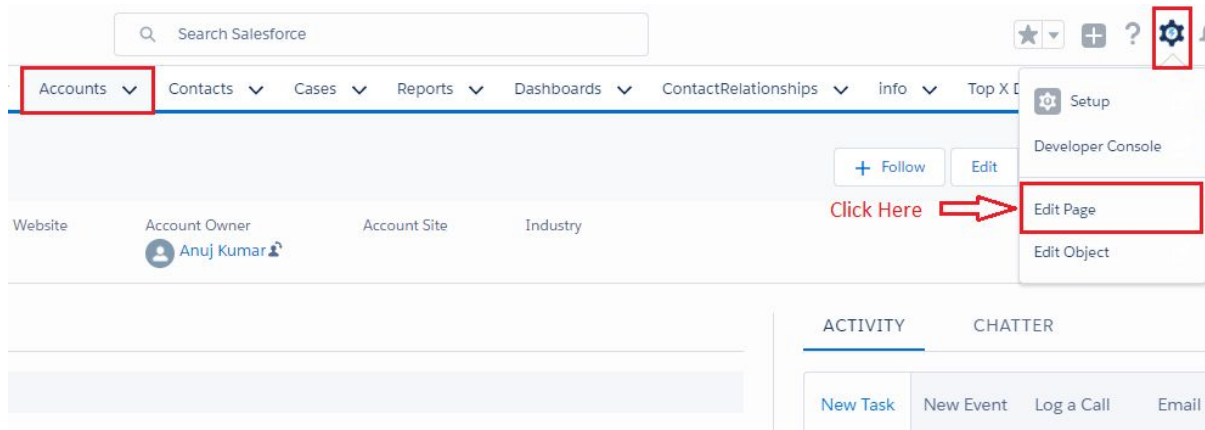
Features:

- 1.** User can generate Barcode for any field and for any object in Salesforce.
- 2.** This component is also available on Salesforce1.
- 3.** This component is also useful for salesforce lightning user.

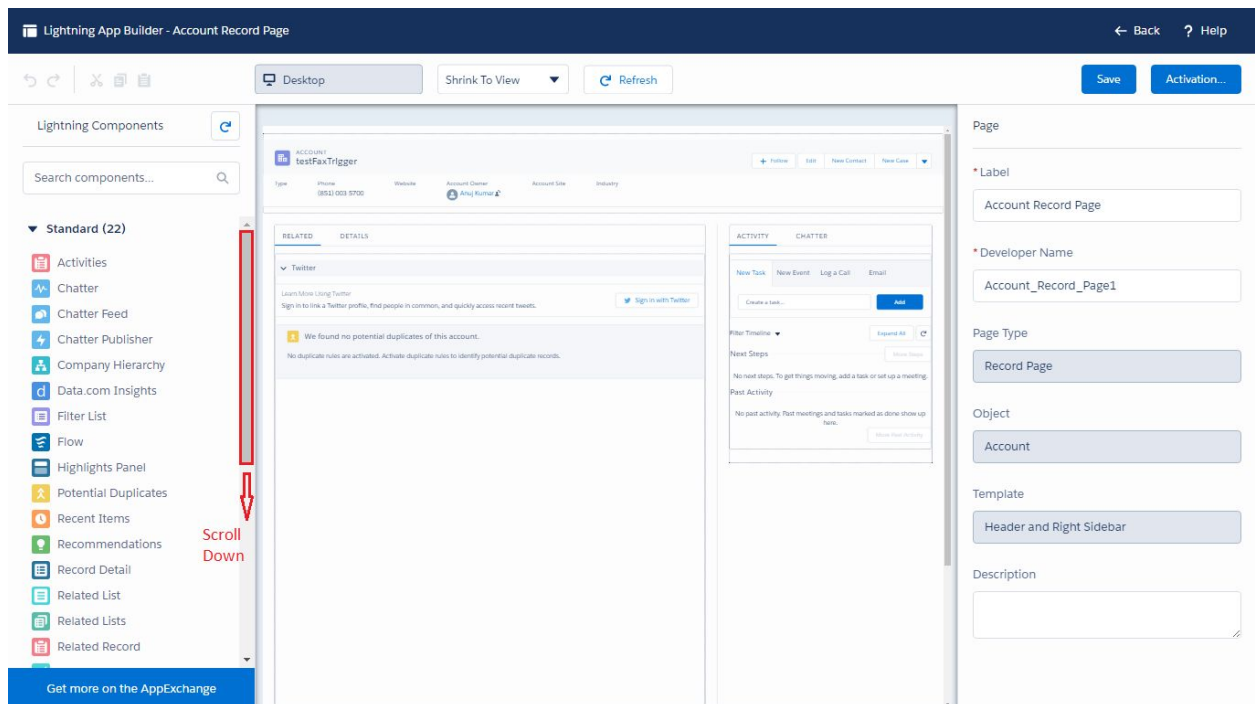
Action	Package Name	Publisher	Version Number	Namespace Prefix	Status	Allowed Licenses	Used Licenses	Expiration Date
Uninstall 	<u>Astrea Barcode</u>	Astrea IT Services	1.0 (Beta 1)	astreabarcode	Free	N/A	N/A	N/A
Uninstall 	<u>CaseMerge</u>	Astrea IT Services	1.3 (Beta 1)	AstreaCM	Active	Unlimited	0	Does not Expire
Uninstall 	<u>Smart Barcode</u>	Astrea IT Services	1.1 (Beta 1)	SmartBarcode	Free	N/A	N/A	N/A
Uninstall 	<u>Salesforce1 and Chatter Apps</u>	Salesforce.com	1.13	sf_chtr_apps	Free	N/A	N/A	N/A
Description This package contains Connected Applications for all the officially supported Salesforce1 and Chatter applications on your desktop and								

2. Astrea Barcode Configuration:

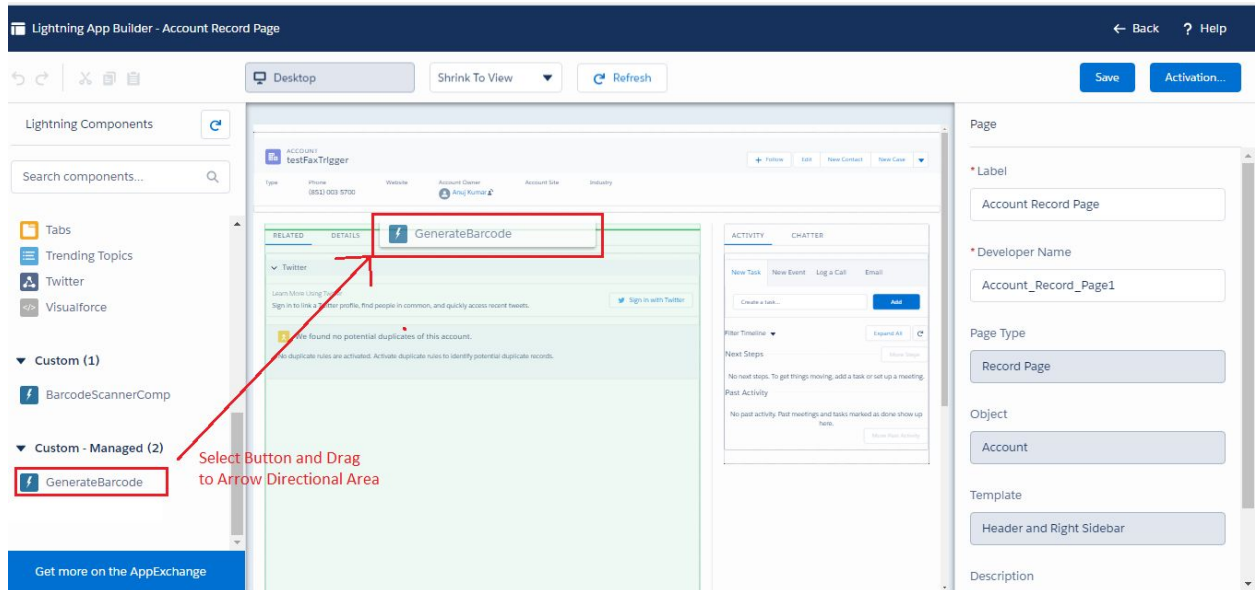
- For Salesforce desktop users go to the top right corner gear and click on the **“Edit Page”** the screen will look like this.



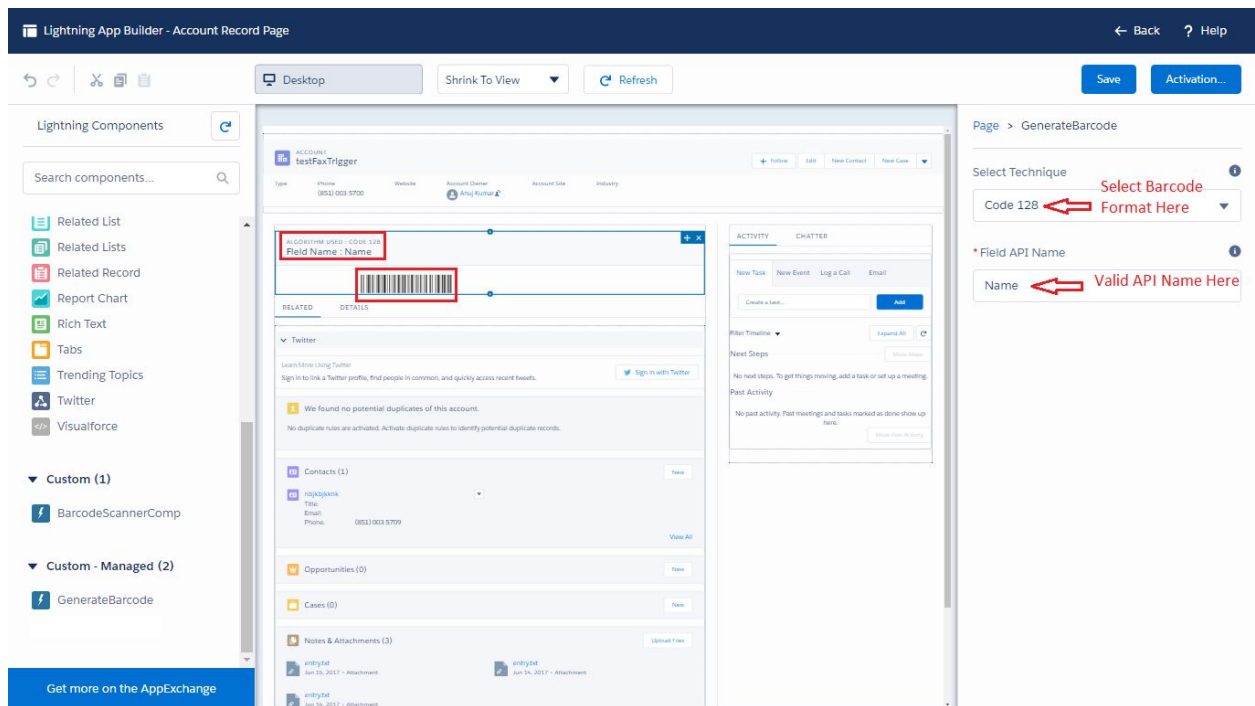
After clicking on the edit page, a new page opens as shown below:



Scroll down the red bar to select the **“GenerateBarcode”** button.



Drag the button as shown in picture and after that page will look like as below:



After selection of appropriate API name and API name supported format click on the save button. Then the Barcode is generated and appear on the object

detail page.

User may also create more than one component to show barcode on the object detail page.

The screenshot displays the Salesforce interface for an Account detail page. The account name is 'testFaxTrigger'. A green success message at the top states 'Success! See generated barcode below!'. Below this, a barcode is generated for the account. The page includes sections for 'RELATED' (Twitter, Contacts) and 'DETAILS' (Activity, Chatter). The 'Twitter' section shows a sign-in prompt. The 'Contacts' section shows one contact. The 'Activity' section shows a 'Next Steps' and 'Past Activity' section.

ACCOUNT
testFaxTrigger

Success! See generated barcode below!

Follow Edit New Contact New Case

Type Phone (851) 003-5700 Website Account Owner Anuj Kumar Account Site Industry

ALGORITHM USED : CODE 128
Field Name : Name

RELATED DETAILS

Twitter

Learn More Using Twitter
Sign in to link a Twitter profile, find people in common, and quickly access recent tweets. Sign in with Twitter

We found no potential duplicates of this account.
No duplicate rules are activated. Activate duplicate rules to identify potential duplicate records.

Contacts (1) New

ACTIVITY CHATTER

New Task New Event Log a Call Email

Create a task... Add

Filter Timeline Expand All

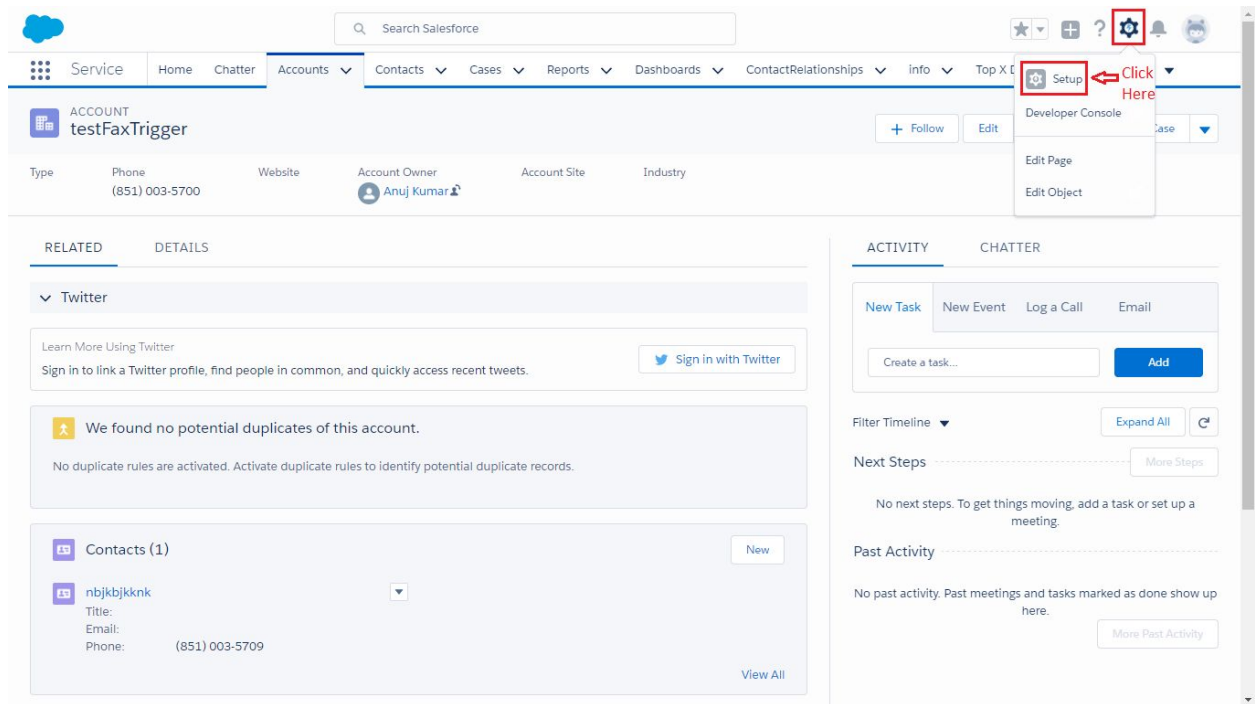
Next Steps More Steps

No next steps. To get things moving, add a task or set up a meeting.

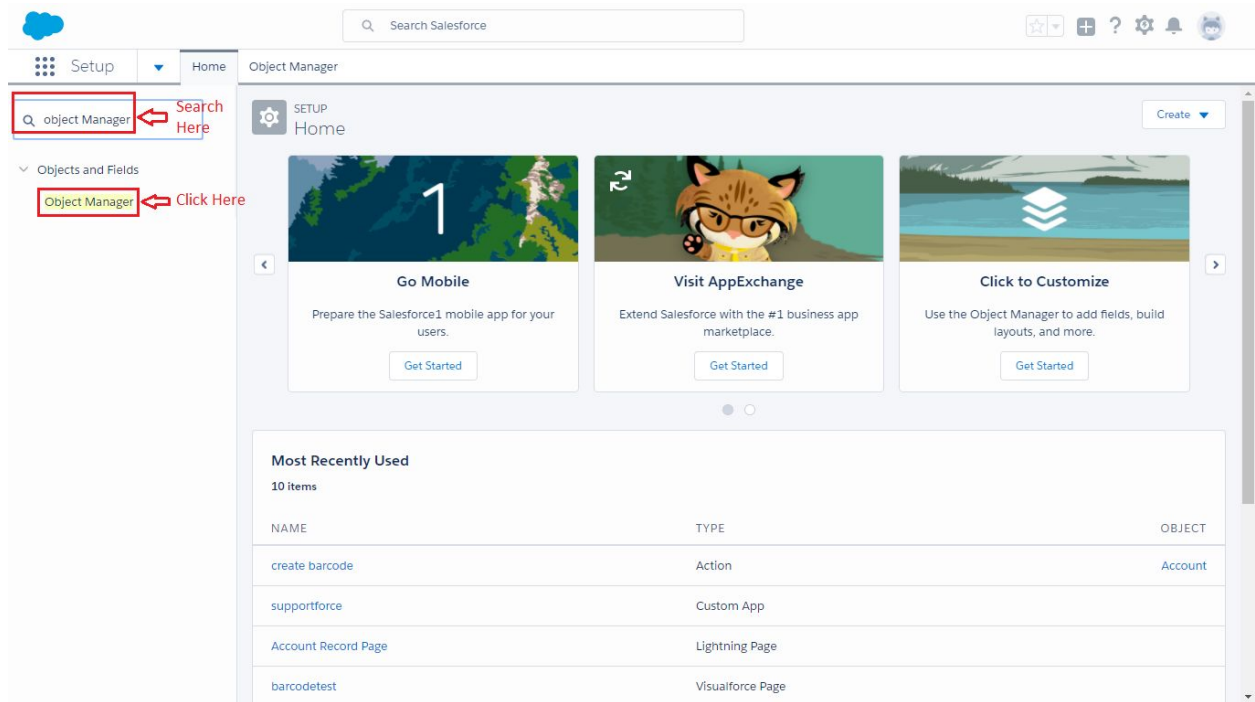
Past Activity

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

- For Salesforce mobile users go to the top right corner gear and click on the **“Setup”** the screen as shown below.



After click on setup a new window will open and write **“Object Manager”** in **“Quick Find”** box.



In the object manager page select an object in which user create a lightning action. For testing purpose we select “**Account**” object.

After that click on the “**Buttons, Links and Actions**” and select button “**New Action**” for creating a new action.

Setup > OBJECT MANAGER
Account

Click here for creating a new action

Buttons, Links, and Actions
18 Items, Sorted by Label

Find in page New Action New Button or Link

LABEL	NAME	DESCRIPTION	TYPE	CONTENT SOURCE	OVERRIDDEN
Accounts Tab	Tab			Standard Salesforce.com Page	
Add to Call List	CreateCallList			Standard Salesforce.com Page	
Billing	Billing		Detail Page Link	URL	
Check Integration Status	XClean			Standard Salesforce.com Page	
Clean	ListClean			Standard Salesforce.com Page	
Delete	Delete			Standard Salesforce.com Page	
Edit	Edit			Standard Salesforce.com Page	
Email	SendEmail			Standard Salesforce.com Page	
Get More Accounts	DataDotComGetAccountsMultiAddAction			Standard Salesforce.com Page	
List	List			Standard Salesforce.com Page	

After click on the new action button a page will open in that user need to fill some information about the action. And fill the information page as shown in the below.

Setup Home Object Manager

SETUP > OBJECT MANAGER
Account

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Object Limits
Record Types
Related Lookup Filters
Search Layouts
Triggers
Validation Rules
Hierarchy Columns

Account Actions
New Action

Click Here

Enter Action Information

Save Cancel

Object Name Account

Action Type Lightning Component

Lightning Component astreabarcodes.GenericBarcode

Height 350px

Standard Label Type --None--

Label Generate Barcode

Name Generate_Barcode

Description

Icon Change Icon

Save Cancel

And then click the save button. And user screen will look like this and click on the “Page Layouts” option that is present on the right side of the page.

Setup Home Object Manager

SETUP > OBJECT MANAGER
Account

Details
Fields & Relationships
Page Layouts Click Here
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Object Limits
Record Types
Related Lookup Filters
Search Layouts
Triggers
Validation Rules
Hierarchy Columns

Account Action
Generate Barcode

Help for this Page

Action Detail

Edit Delete

Label	Generate Barcode	Object Name	Account
Standard Label Type		Action Type	Lightning Component
Name	Generate_Barcode	Icon	
Description			
Lightning Component	GenericBarcode		
Height	350px		
Created By	Anil Kumar, 6/22/2017 3:39 PM	Modified By	Anil Kumar, 6/22/2017 3:39 PM

Edit Delete

And then select the **“Account Layouts”**.

The screenshot shows the Salesforce Setup interface. In the left sidebar, the 'Page Layouts' link is selected. The main content area displays a table titled 'Page Layouts' with 4 items, sorted by Page Layout Name. The table has columns for 'PAGE LAYOUT NAME', 'CREATED BY', and 'MODIFIED BY'. The 'Account Layout' row is highlighted with a red box, and a red arrow points to it with the text 'Click Here'.

PAGE LAYOUT NAME	CREATED BY	MODIFIED BY
Account (Marketing) Layout	John Smith, 1/16/2017, 10:02 PM	John Smith, 5/26/2017, 11:55 AM
Account (Sales) Layout	John Smith, 1/16/2017, 10:02 PM	John Smith, 5/26/2017, 11:55 AM
Account (Support) Layout	John Smith, 1/16/2017, 10:02 PM	John Smith, 5/26/2017, 11:55 AM
Account Layout	John Smith, 1/16/2017, 10:02 PM	John Smith, 6/22/2017, 10:50 AM

The screenshot shows the 'Account Layout' editor in Salesforce. The left sidebar has 'Page Layouts' selected. The main content area shows the 'Account Layout' editor. The 'Salesforce1 & Lightning Actions' section is highlighted with a red box, and a red arrow points to it with the text 'Click Here'. The right sidebar is also highlighted with a red box, and a red arrow points to it with the text 'Click Here'.

Account Layout

Save Quick Save Preview As... Cancel Undo Redo Layout Properties

Fields

- Buttons
- Custom Links
- Quick Actions
- Salesforce1 & Lightning Actions
- Expanded Lookups
- Related Lists

Quick Find Field Name

Field Name	Field Type	Field Label
Account Number	Text	Account Number
Account Owner	Text	Account Owner
Account Site	Text	Account Site
Account Source	Text	Account Source
City	Text	City
Clean Status	Text	Clean Status
Country	Text	Country
Country Code	Text	Country Code
Created By	Text	Created By
Description	Text	Description
D&B Company	Text	D&B Company
D&B Key	Text	D&B Key
D&B Number	Text	D&B Number
Employees	Text	Employees
External Id	Text	External Id
Fax	Text	Fax
First Name	Text	First Name
Industry	Text	Industry
Last Name	Text	Last Name

Account Sample

Highlights Panel

Customize the highlights panel for this page layout...

Quick Actions in the Salesforce Classic

Publisher

Post File New Task New Contact New Case Log a Call New Note New Opportunity New Event Link

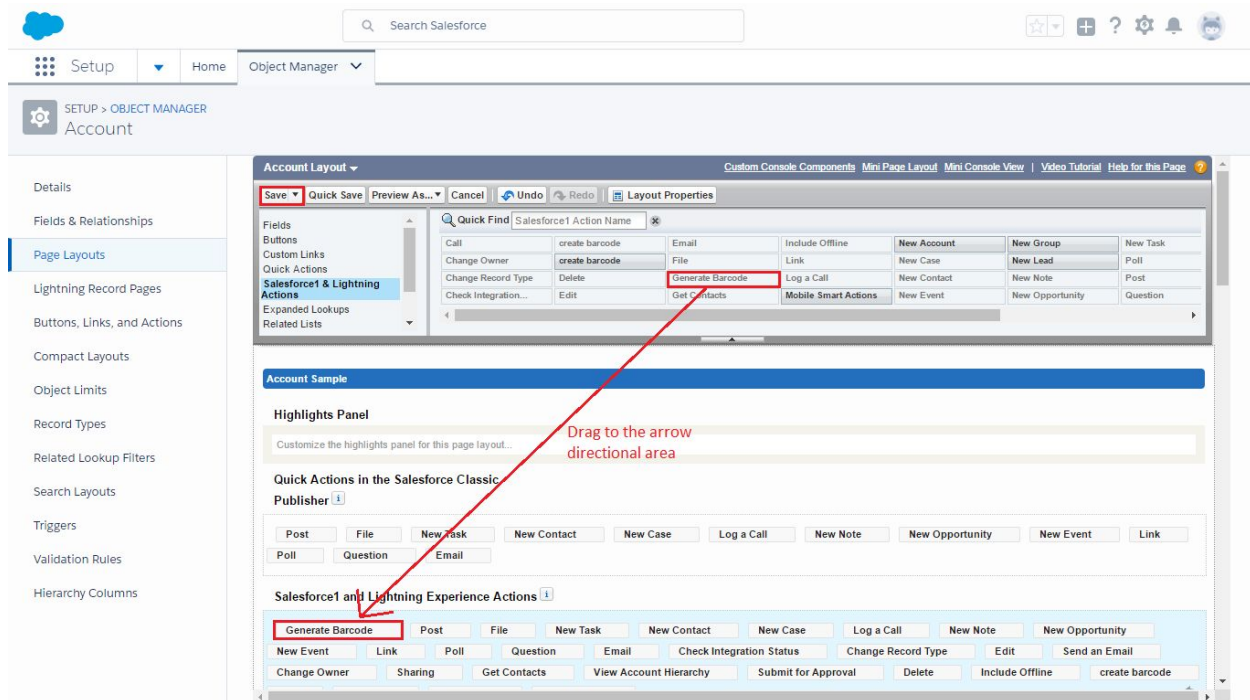
Poll Question Email

Salesforce1 and Lightning Experience Actions

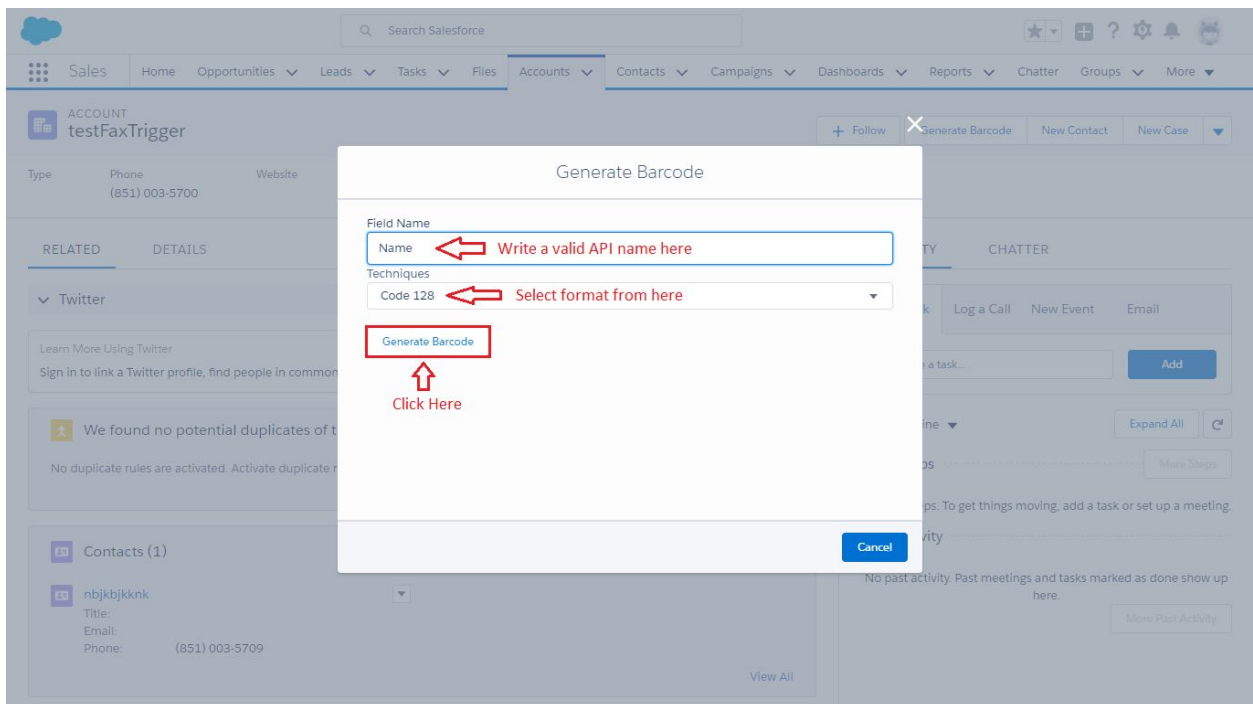
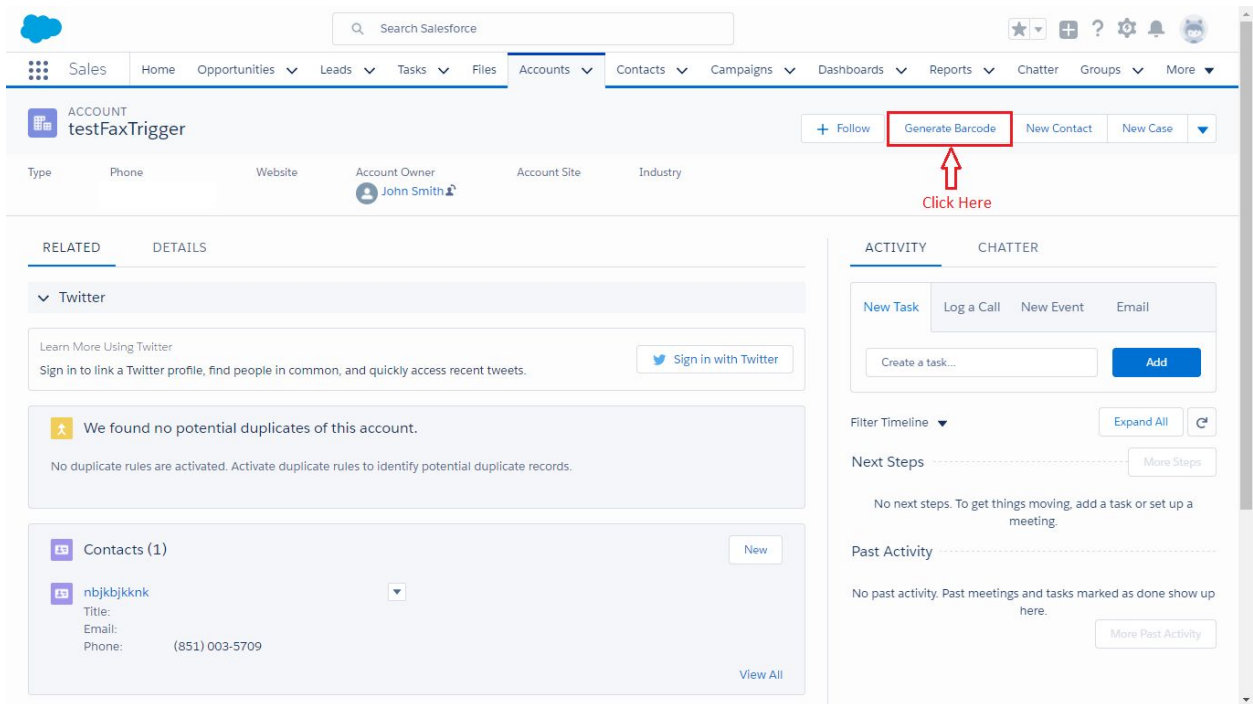
Actions in this section are predefined by Salesforce. You can override the predefined actions to set a customized list of actions on Salesforce1 and Lightning Experience pages that use this layout. If you customize the actions in the Quick Actions in the Salesforce Classic Publisher section, and have saved the layout, then this section inherits that set of actions by default when you click to override.

Click on **“Salesforce1 & Lightning Actions”** and scroll down the red bar and

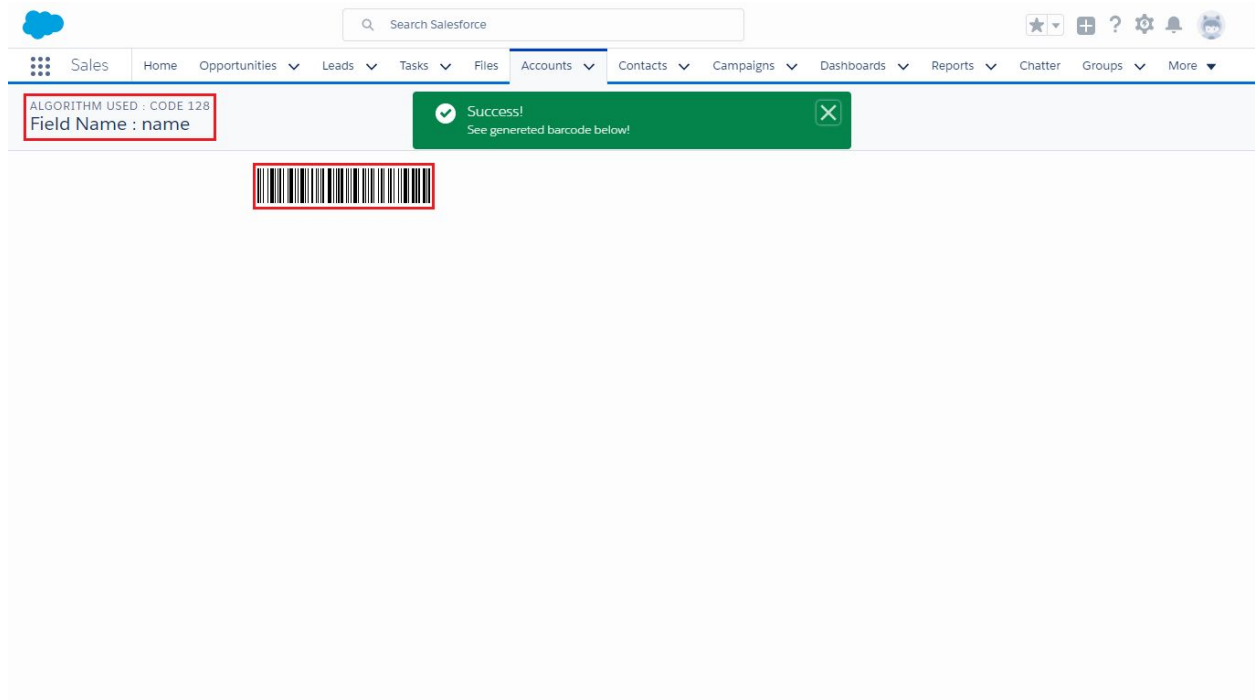
click on the wrench as shown in the picture and do the same as. After that, Click on your generated action “**Generate Barcode**” and drag that action into “**Salesforce1 & Lightning Actions**”.



And then go to the selected object detail page in our case for testing purpose we use “**Account**”.



Then click to generate barcode and barcode will be generated for the selected API name.



As shown in the picture the barcode will be generated for selected field in the selected format.