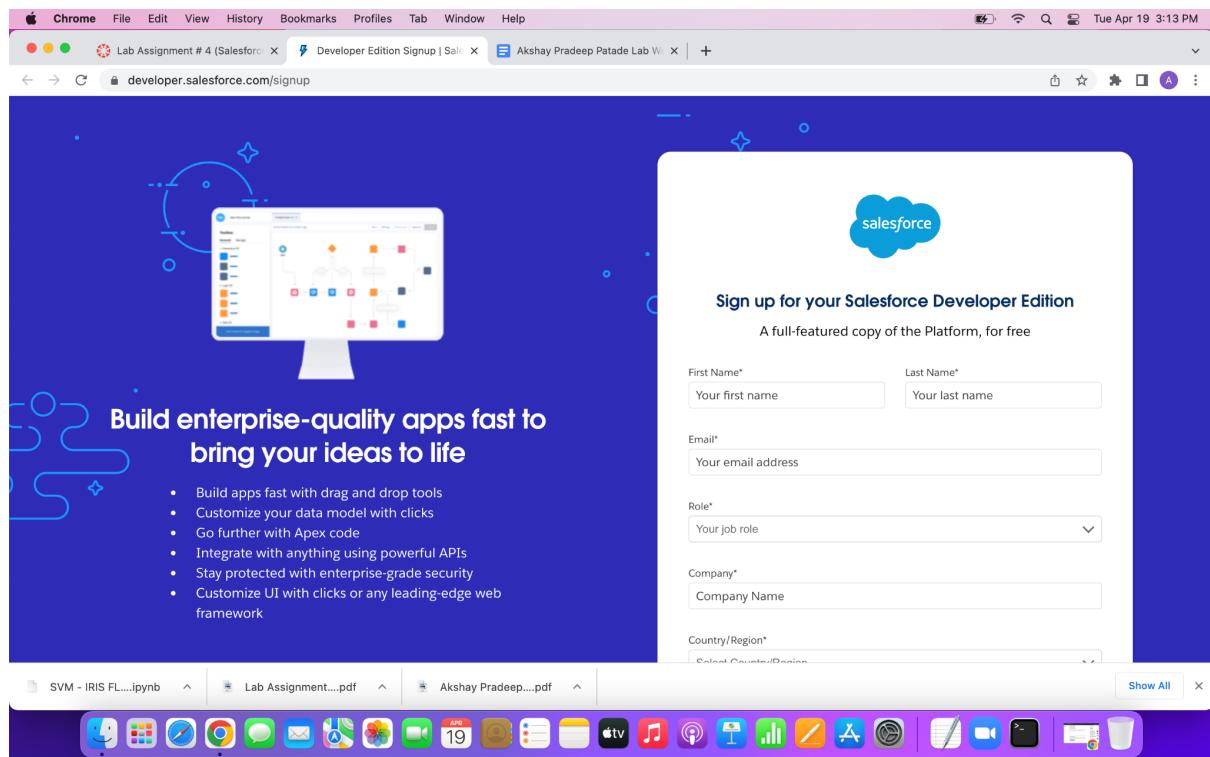
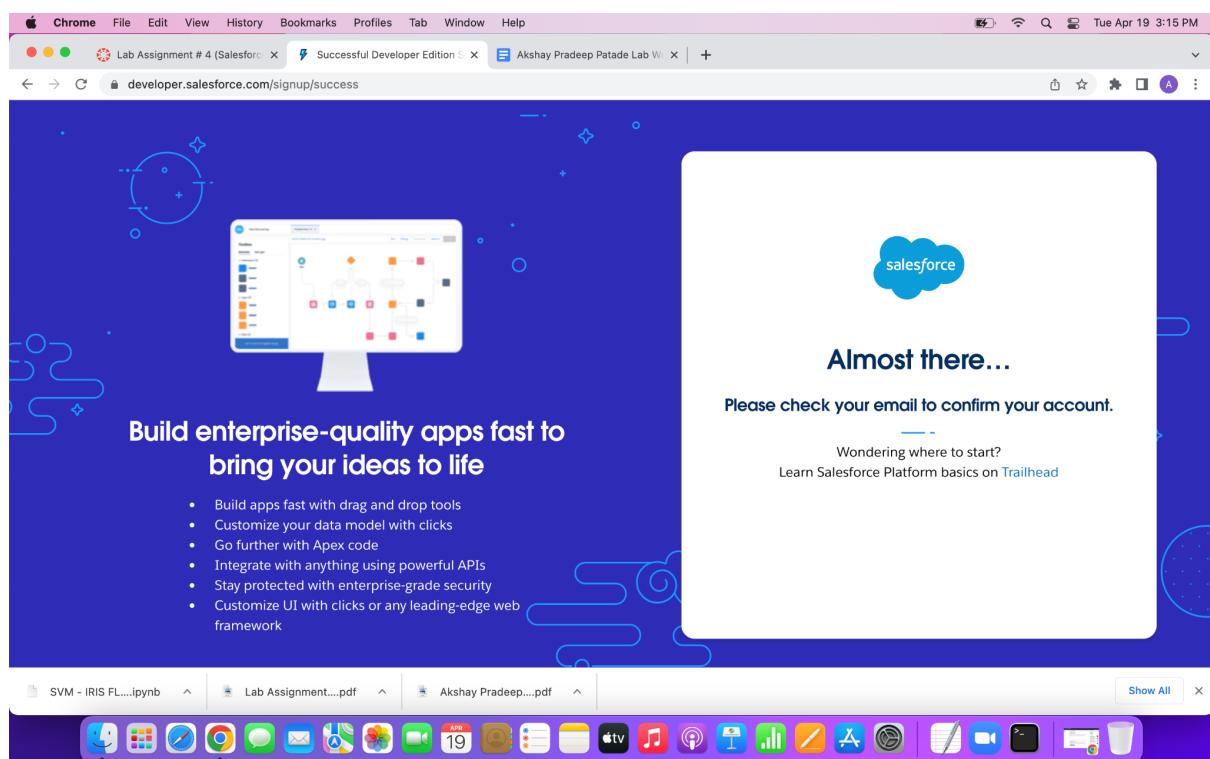


## A) Creation of SalesForce Account:

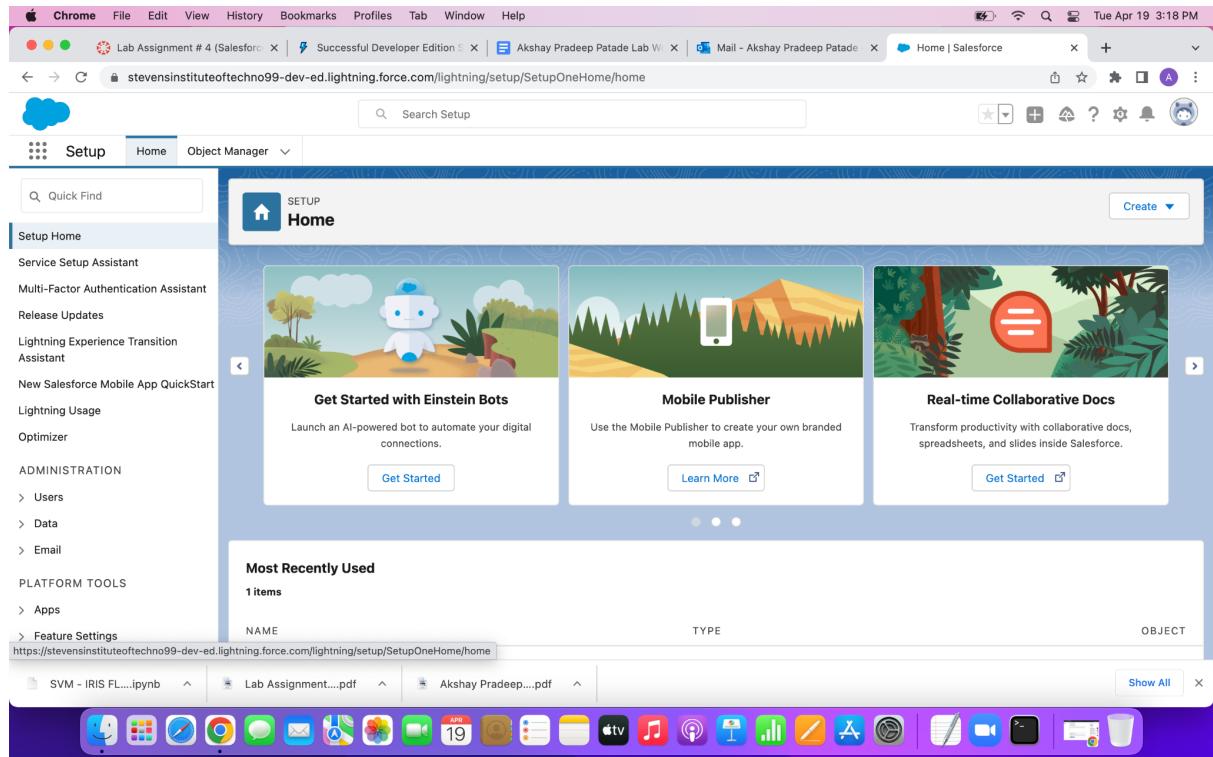
Go to <https://developer.salesforce.com/signup> for creating an account. Enter all your details and click on the sign me up button down below.



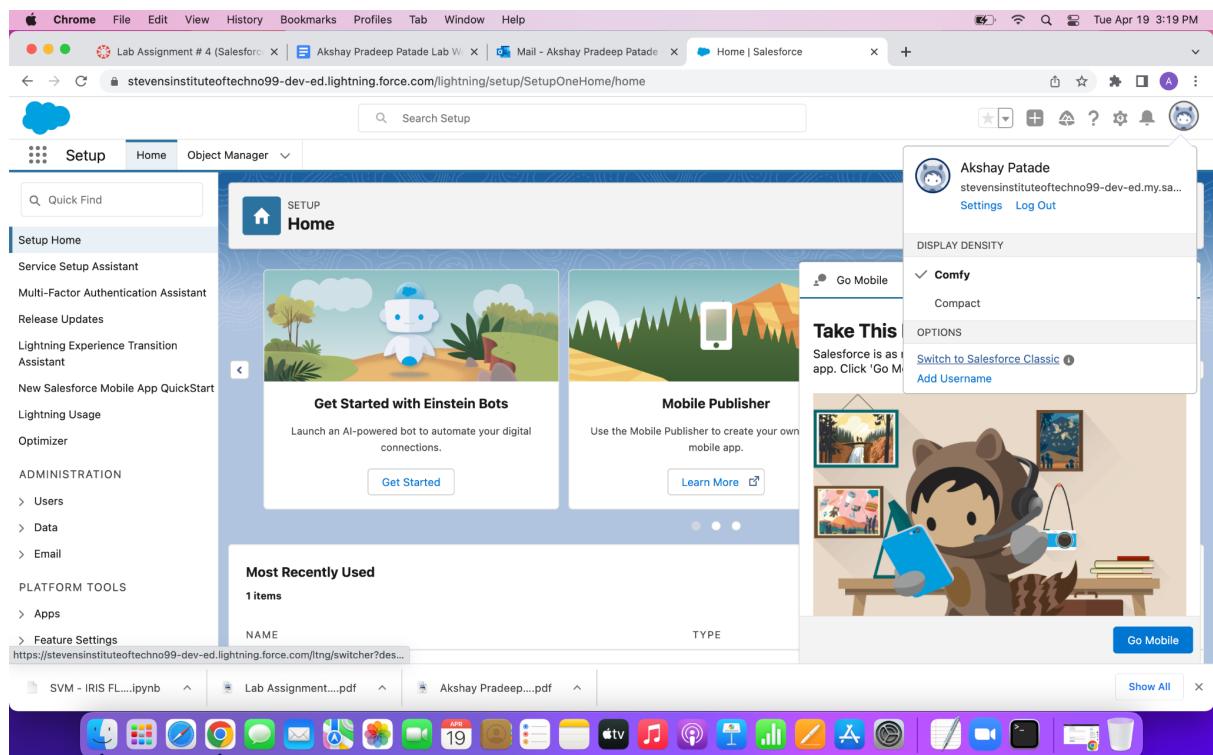
Login to your email account and verify the account.



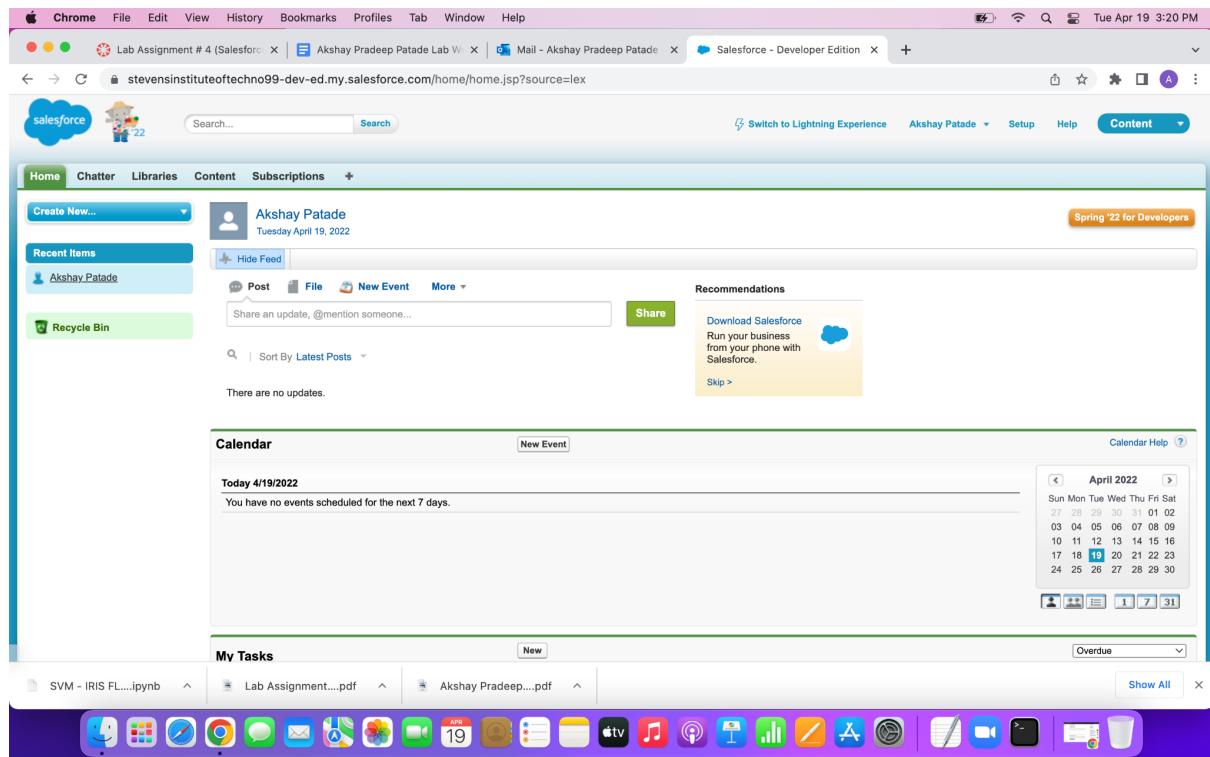
Once the account is verified, you will be logged into the Salesforce account



To change the account into salesforce classic, click on profile and select salesforce classic

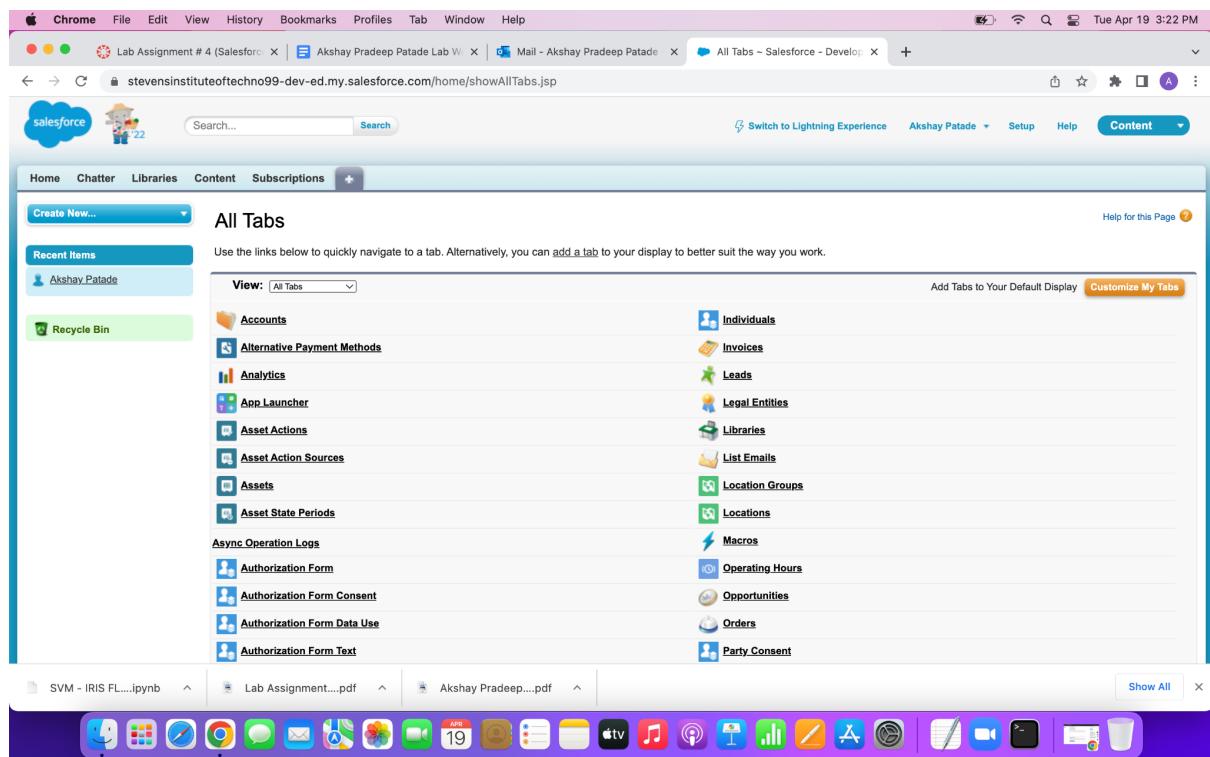


This page will have appeared.

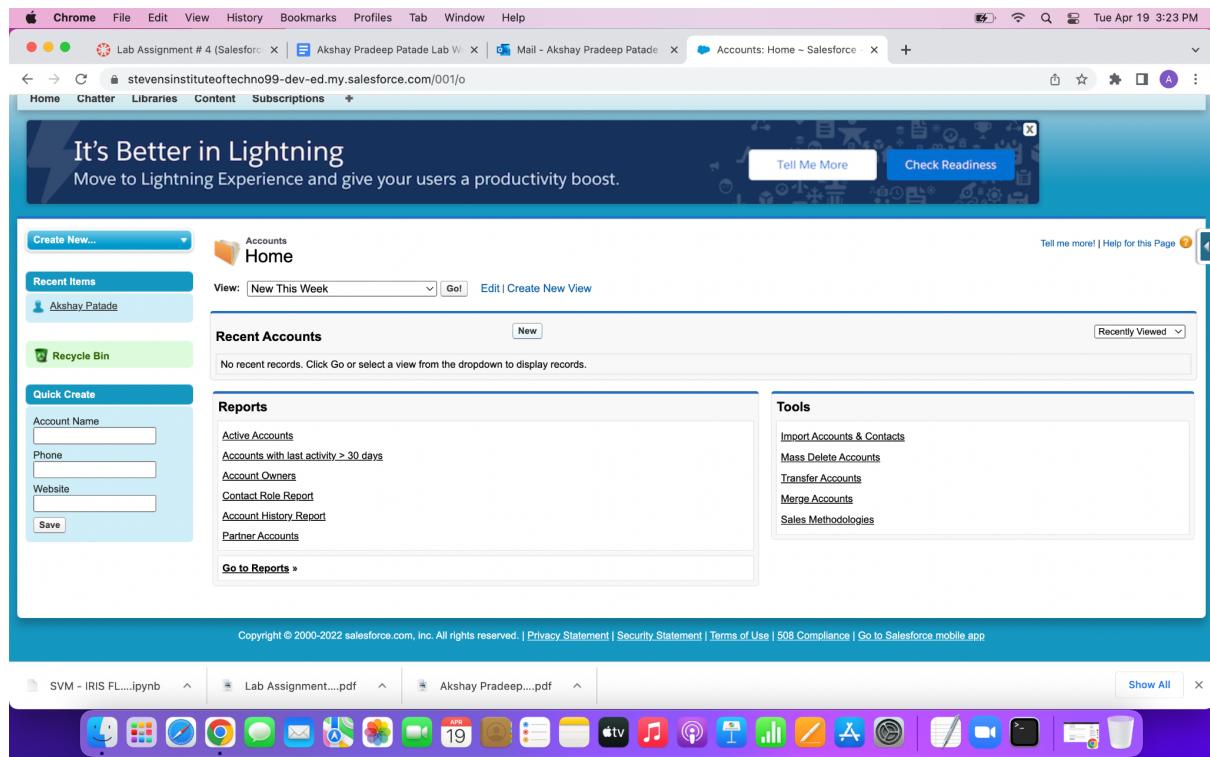


## B) Creating records using Salesforce Object.

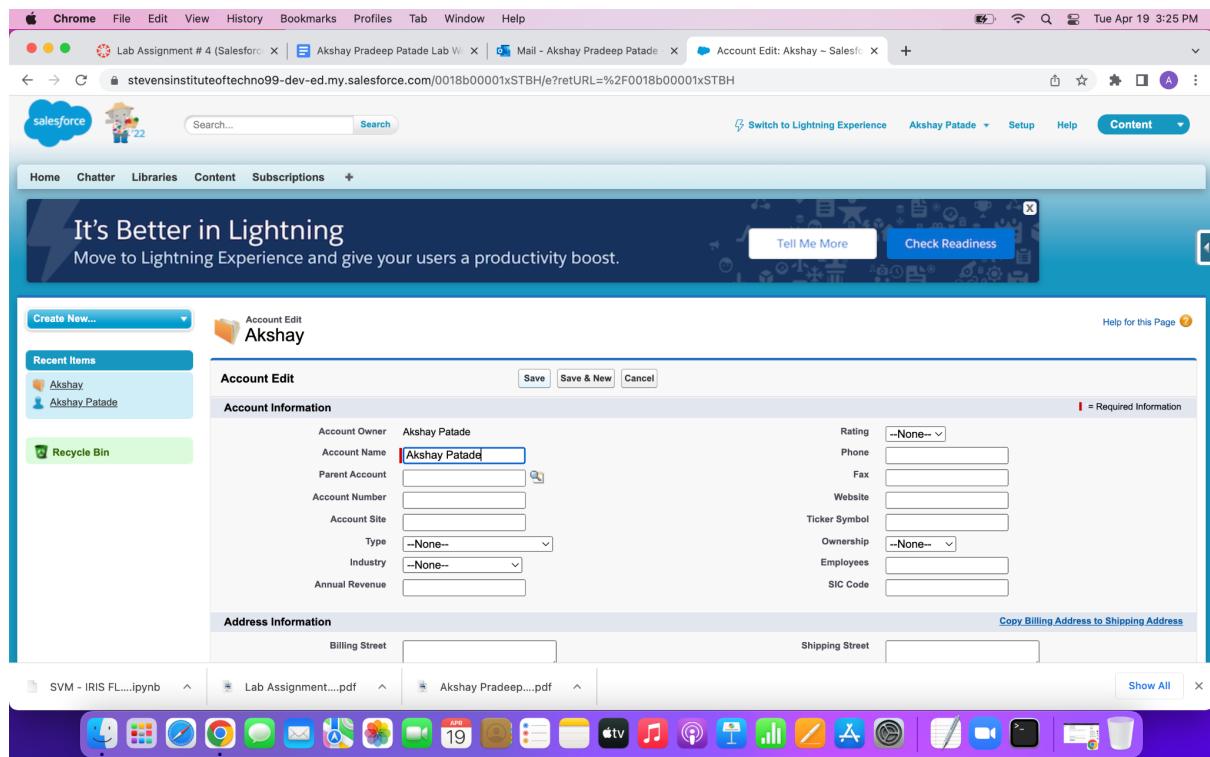
Click on the '+' symbol highlighted on the webpage and select Accounts.



Click on new.



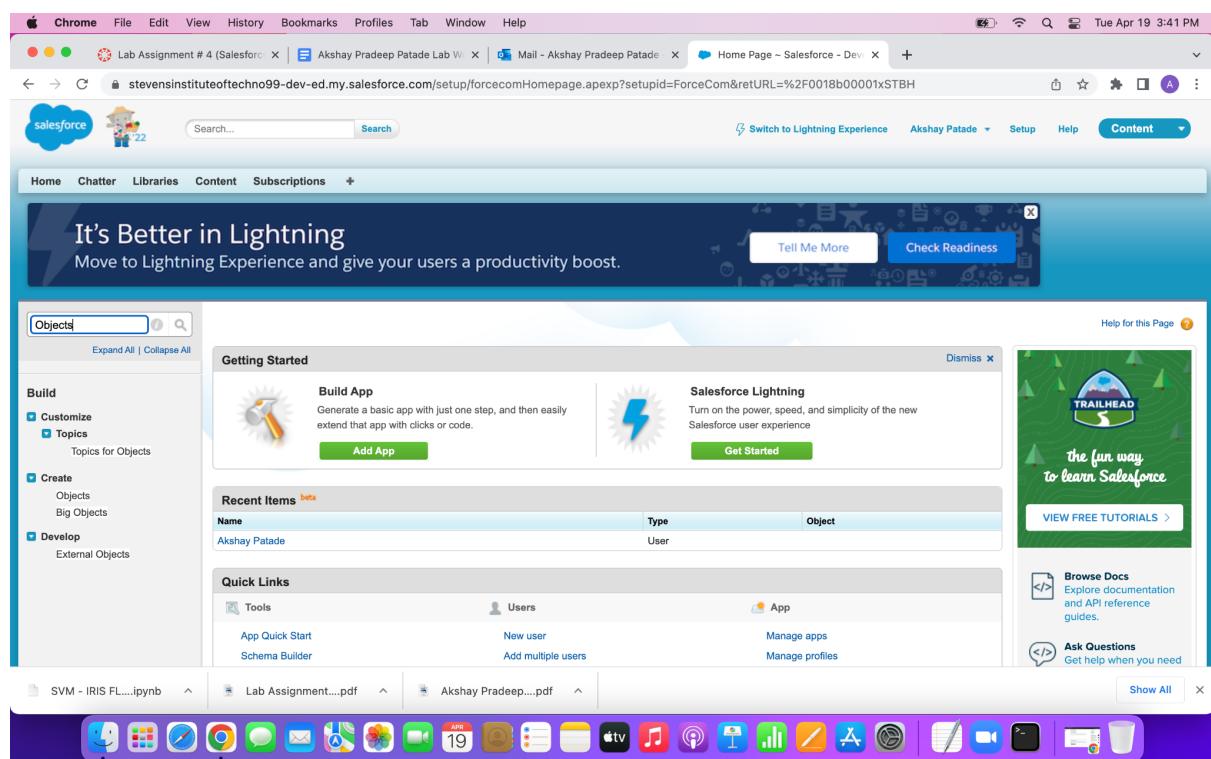
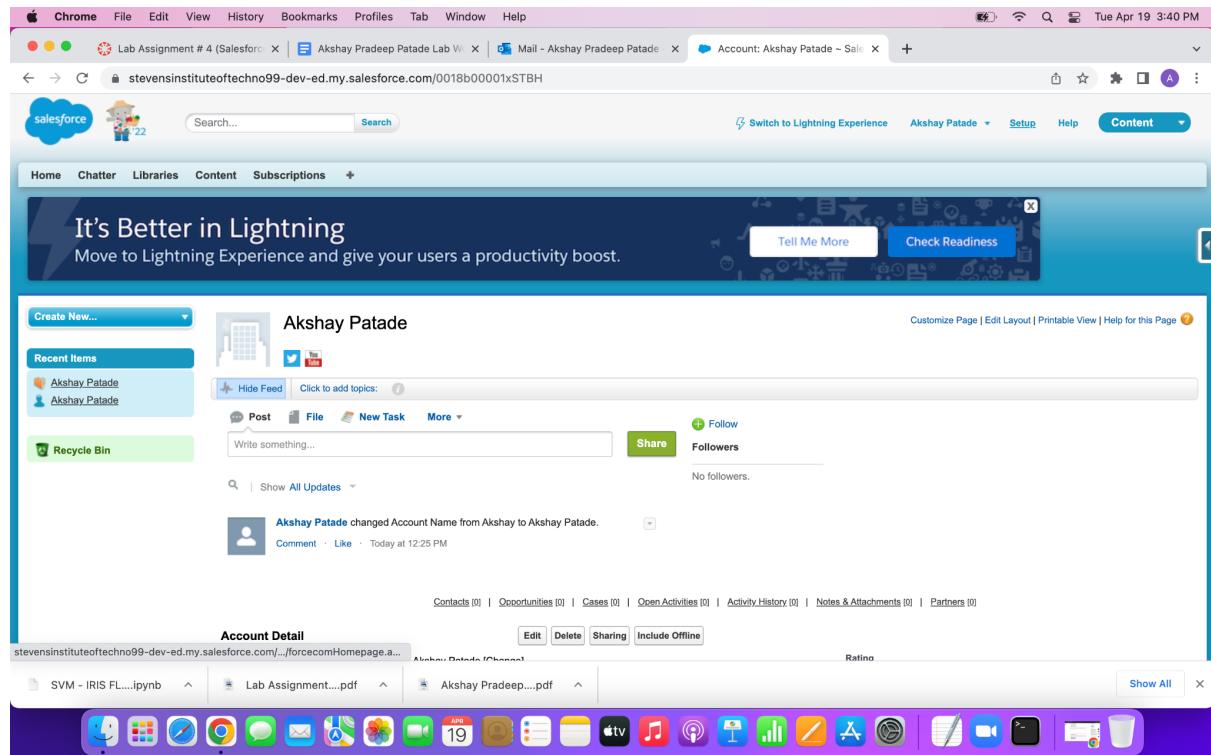
For this experiment, you have to just mention the mandatory fields i.e. account name, write your name in place of the account name, and hit the save button



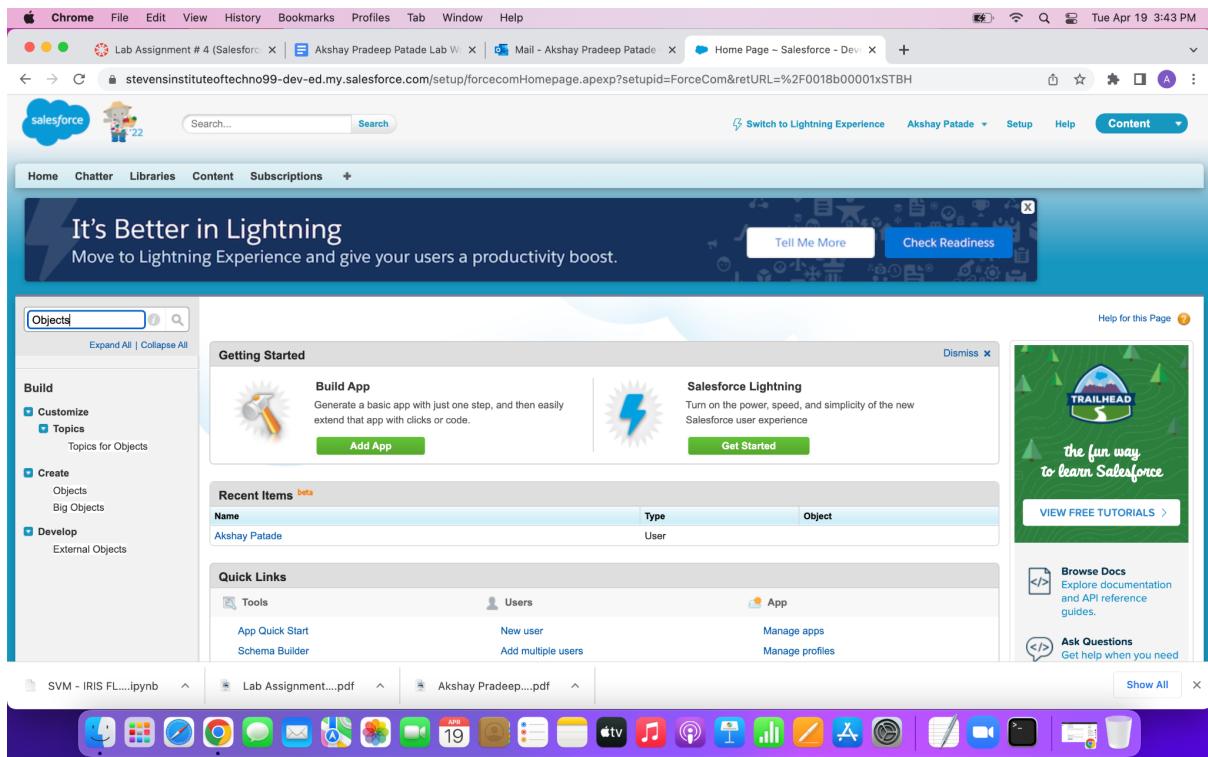
## C) Creating Custom Objects and Fields

### i) Creating Custom Objects

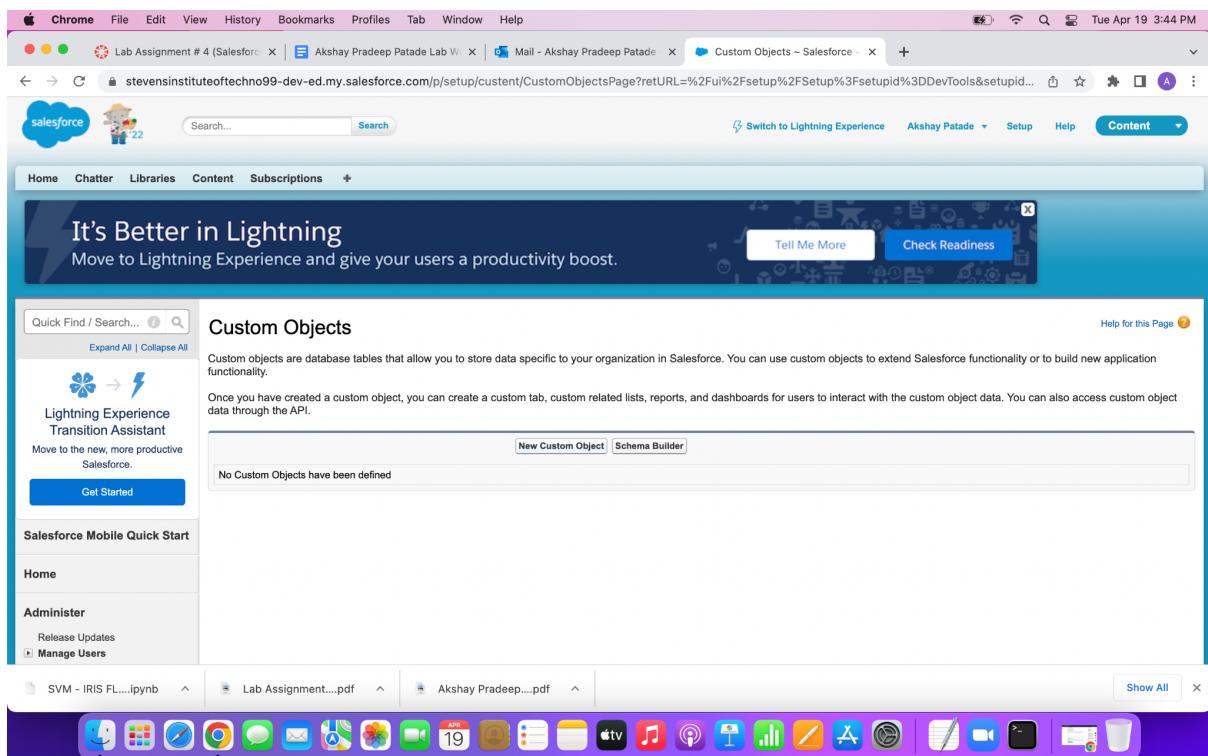
Click on the setup button on the web page and search for objects.



After that, click on the object URL present below the create option.



Click on create new custom object button.



Fill in all the necessary fields and click on save button.

Move to Lightning Experience and give your users a productivity boost.

## New Custom Object

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**

**Custom Object Information**

The singular and plural labels are used in tabs, page layouts, and reports.

Label: Student Information Example: Account  
Plural Label: Student Information Example: Accounts  
Starts with vowel sound:

The Object Name is used when referencing the object via the API.

Object Name: Student\_Information Example: Account

Description:

Context-Sensitive Help Setting:  Open the standard Salesforce.com Help & Training window  Open a window using a Visualforce page

Content Name:

**Enter Record Name Label and Format**

The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Chrome File Edit View History Bookmarks Profiles Tab Window Help

Lab Assignment # 4 (Salesforce) | Akshay Pradeep Patade Lab W | Mail - Akshay Pradeep Patade | New Custom Object ~ Salesforce +

stevensinstitutetechno99-dev-ed.my.salesforce.com/01/e?setupid=CustomObjects&retURL=%2Fp%2Fsetup%2Fcustom%2FcustomObjectsPage%3FretURL%3D%2B

manage territories  
Company Profile  
Data Classification  
Privacy Center  
Security Controls  
Domain Management  
Communication Templates  
Translation Workbench  
Data Management  
Mobile Administration  
Desktop Administration  
Outlook Integration and Sync  
Gmail Integration and Sync  
Email Administration  
Google Apps  
Analytics  
Data.com Administration

Enter Record Name Label and Format

Context-Sensitive Help Setting  
 Open the standard Salesforce.com Help & Training window  
 Open a window using a Visualforce page

Content Name  
None

The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Record Name Student Name Example: Account Name

Data Type Text

Optional Features

Allow Reports  
 Allow Activities  
 Track Field History  
 Allow in Chatter Groups  
 Enable Licensing

Object Classification

When these settings are enabled, this object is classified as an Enterprise Application object. When these settings are disabled, this object is classified as a Light Application object. [Learn more](#).

Allow Sharing  
 Allow Bulk API Access  
 Allow Streaming API Access

Deployment Status

In Development Deployed

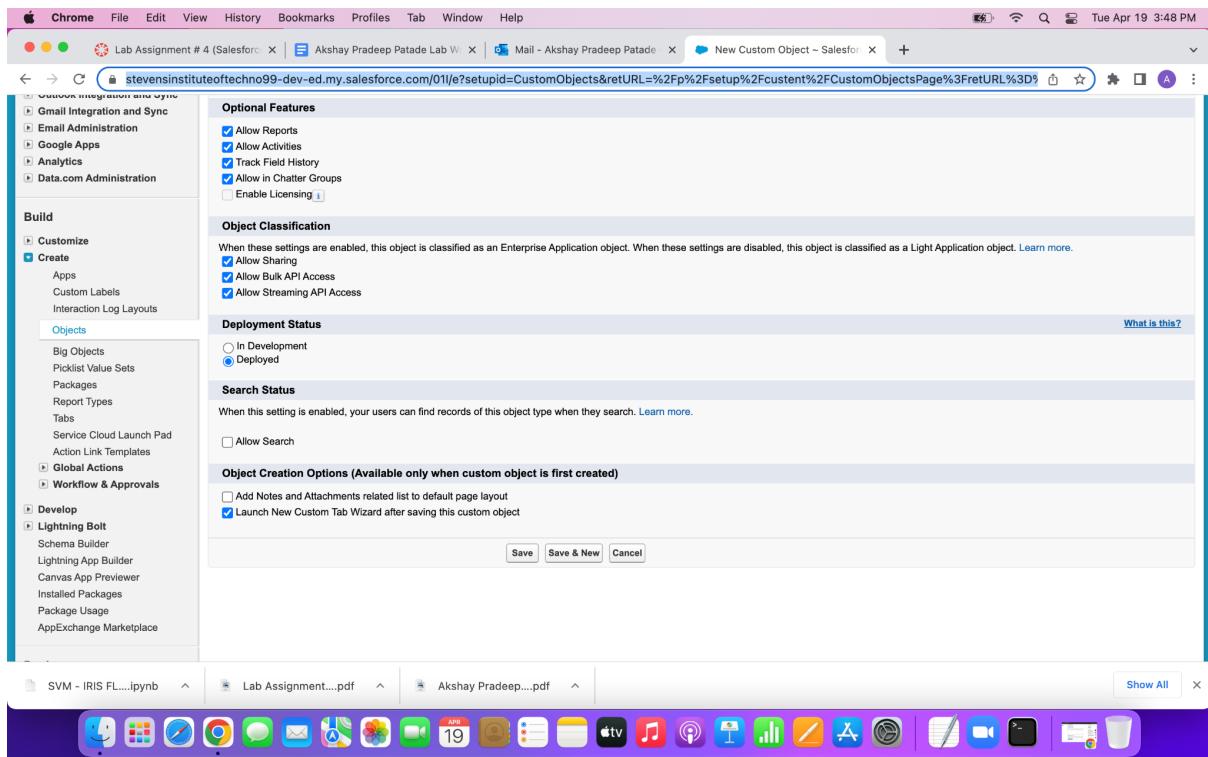
Search Status

When this setting is enabled, your users can find records of this object type when they search. [Learn more](#).

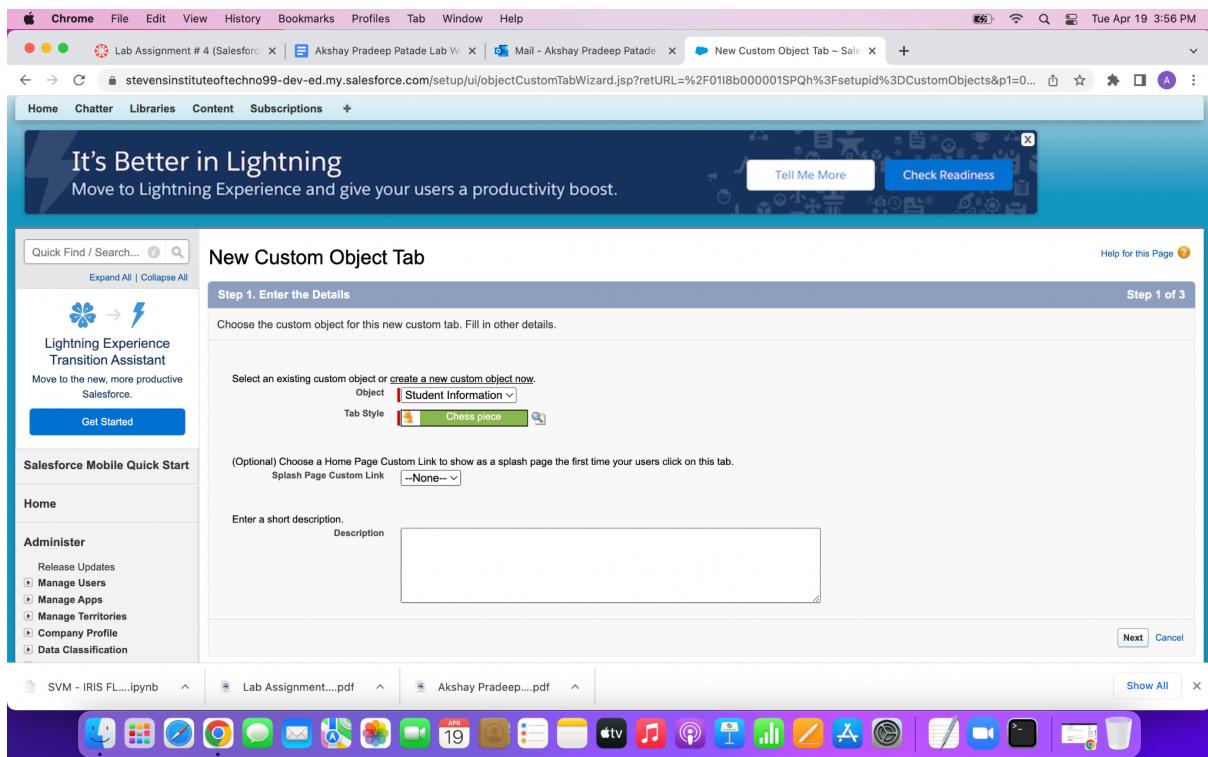
Allow Search

Object Creation Options (Available only when custom object is first created)

SVM - IRIS FL.ipynb | Lab Assignment....pdf | Akshay Pradeep....pdf



Click on the tab style and select any one of the tab styles. Once the tab style is selected, click on next.



Make sure that apply Apply one tab visibility to all profiles is selected. Click on next

Screenshot of a Mac desktop showing a Chrome browser window. The browser has several tabs open, including 'Lab Assignment # 4 (Salesforce)', 'Akshay Pradeep Patade Lab W...', 'Mail - Akshay Pradeep Patade', and 'New Custom Object Tab ~ Sale...'. The main content area displays a Salesforce page titled 'New Custom Object Tab' under 'Step 2. Add to Profiles'. It shows a table where 'Apply one tab visibility to all profiles' is selected. The table lists various user profiles and their corresponding tab visibility settings, all set to 'Default On'. The sidebar on the left includes sections for 'Lightning Experience Transition Assistant', 'Salesforce Mobile Quick Start', 'Home', and 'Administrator'. The status bar at the bottom shows various application icons.

Screenshot of a Mac desktop showing a Chrome browser window. The browser has several tabs open, including 'Lab Assignment # 4 (Salesforce)', 'Akshay Pradeep Patade Lab W...', 'Mail - Akshay Pradeep Patade', and 'New Custom Object Tab ~ Sale...'. The main content area displays a Salesforce page showing a list of user profiles on the left and a table of tab visibility settings on the right. The table lists profiles like 'Customer Community Plus Login User', 'Customer Community Plus User', etc., each with a dropdown menu set to 'Default On'. The sidebar on the left includes sections for 'Security Controls', 'Build', 'Customize', 'Create', 'Objects', and 'Develop'. The status bar at the bottom shows various application icons.

Click on save button

The screenshot shows a Mac desktop with a browser window open to the Salesforce Developer Edition setup page. The URL is [stevensinstituteoftechno99-dev-ed.my.salesforce.com/setup/ui/objectCustomTabWizard.jsp](https://stevensinstituteoftechno99-dev-ed.my.salesforce.com/setup/ui/objectCustomTabWizard.jsp). The page lists various standard objects with checkboxes for 'Include tab'. A sidebar on the left provides navigation links for Lightning Experience, Salesforce Mobile Quick Start, Home, Administer, and Build. The status bar at the bottom displays the date and time as 'Tue Apr 19 3:59 PM' and includes icons for Mail, Calendar, and other applications.

## ii) Creating custom fields

Hover your mouse toward Custom Fields and Relationships and click on the new button.

The screenshot shows a Mac desktop with a browser window open to the 'Custom Object: Student Information' page in the Salesforce Developer Edition. The URL is [stevensinstituteoftechno99-dev-ed.my.salesforce.com/018b000001SPQh?setupid=CustomObjects](https://stevensinstituteoftechno99-dev-ed.my.salesforce.com/018b000001SPQh?setupid=CustomObjects). The page displays a 'Custom Fields & Relationships' section with a table of field settings. A sidebar on the left provides navigation links for Lightning Experience, Salesforce Mobile Quick Start, Home, and Administer. The status bar at the bottom displays the date and time as 'Tue Apr 19 4:02 PM' and includes icons for Mail, Calendar, and other applications.

Select the Field type and click on next.

## Department

This screenshot shows the Salesforce Setup interface on a Mac OS X desktop. The window title is "Student Information: New Custom Field". The sidebar on the left lists various setup categories like Translation Workbench, Data Management, and Mobile Administration. The main content area displays a list of field types with their descriptions:

- Checkbox: Allows users to select a True (checked) or False (unchecked) value.
- Currency: Allows users to enter a dollar or other currency amount and automatically formats the field as a currency amount. This can be useful if you export data to Excel or another spreadsheet.
- Date: Allows users to enter a date or pick a date from a popup calendar.
- Date/Time: Allows users to enter a date and time, or pick a date from a popup calendar. When users click a date in the pop-up, that date and the current time are entered into the Date/Time field.
- Email: Allows users to enter an email address, which is validated to ensure proper format. If this field is specified for a contact or lead, users can choose the address when clicking Send an Email. Note that custom email addresses cannot be used for mass emails.
- Geolocation: Allows users to define location. Includes latitude and longitude components, and can be used to calculate distance.
- Number: Allows users to enter any number. Leading zeros are removed.
- Percent: Allows users to enter a percentage number, for example, '10' and automatically adds the percent sign to the number.
- Phone: Allows users to enter any phone number. Automatically formats it as a phone number.
- Picklist: Allows users to select a value from a list you define.
- Picklist (Multi-Select): Allows users to select multiple values from a list you define.
- Text: Allows users to enter any combination of letters and numbers.
- Text Area (Long): Allows users to enter up to 131,072 characters on separate lines.
- Text Area (Rich): Allows users to enter formatted text, add images and links. Up to 131,072 characters on separate lines.
- Text (Encrypted): Allows users to enter any combination of letters and numbers and store them in encrypted form.
- Time: Allows users to enter a local time. For example, "2:40 PM", "14:40", "14:40:00", and "14:40:50,600" are all valid times for this field.
- URL: Allows users to enter any valid website address. When users click on the field, the URL will open in a separate browser window.

At the bottom right of the main content area are "Next" and "Cancel" buttons.

This screenshot shows the "Step 2. Enter the details" screen of the Lightning Experience Transition Assistant. The title bar says "Step 2 of 4". The main form fields are:

- Field Label: Department
- Length: 32,768 (Max 131,072)
- # Visible Lines: 40
- Field Name: Department
- Description: (empty text area)
- Help Text: (empty text area)
- Auto add to custom report type:  Add this field to existing custom report types that contain this entity
- Default Value: Show Formula Editor (with formula syntax instructions)

At the bottom right are "Previous", "Next", and "Cancel" buttons.

Chrome File Edit View History Bookmarks Profiles Tab Window Help

Lab Assignment # 4 (Salesforce) | Student Information: New Cust... | Akshay Pradeep Patade Lab W... | Mail - Akshay Pradeep Patade | what is visible lines in salesfor...

stevensinstituteoftechno99-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

Lightning Experience Transition Assistant

Salesforce Mobile Quick Start

Step 3. Establish field-level security Step 3 of 4

Field Label: Department  
Data Type: Long Text Area  
Field Name: Department  
Description:

Select the profiles to which you want to grant edit access to this field via field-level security. The field will be hidden from all profiles if you do not add it to field-level security.

Field-Level Security for Profile	<input checked="" type="checkbox"/> Visible	<input type="checkbox"/> Read-Only
Analytics Cloud Integration User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Analytics Cloud Security User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Contract Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cross Org Data Proxy User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Marketing Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Sales Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Support Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - App Subscription User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - Free User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gold Partner User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Identity User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Marketing User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum Access - Salesforce	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Partner App Subscription User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Partner Community Login User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Partner Community User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Read Only	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Silver Partner User	<input checked="" type="checkbox"/>	<input type="checkbox"/>

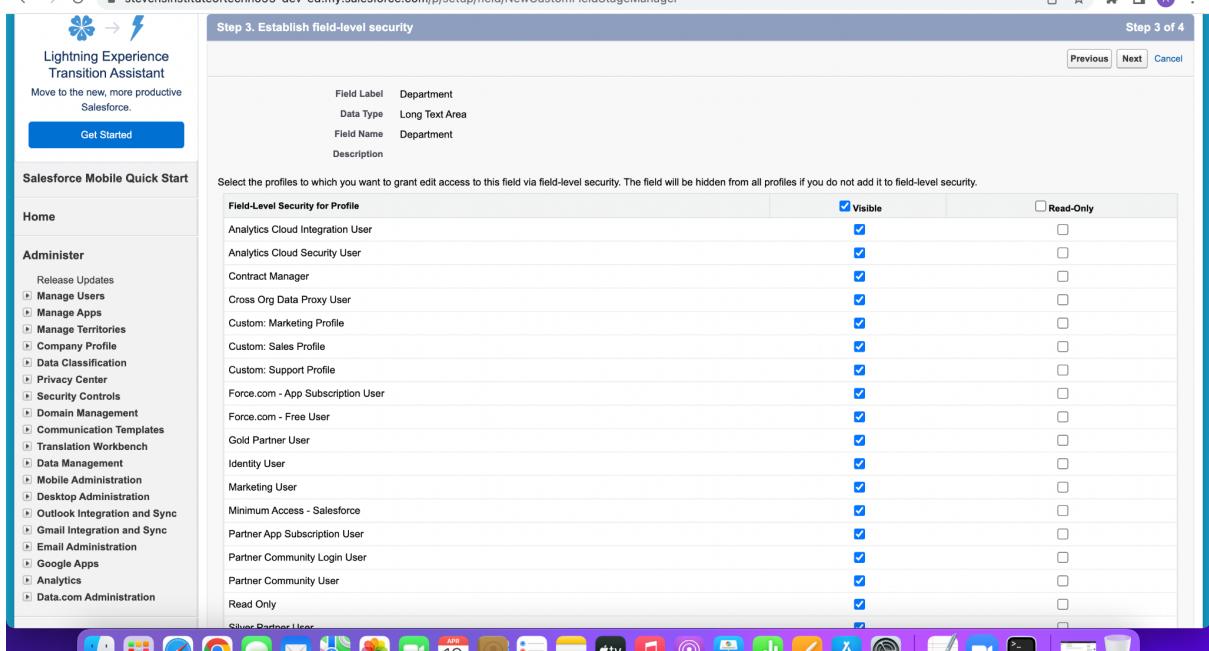
Get Started

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- Mobile Administration
- Desktop Administration
- Outlook Integration and Sync
- Gmail Integration and Sync
- Email Administration
- Google Apps
- Analytics
- Data.com Administration

Visible Read-Only



Chrome File Edit View History Bookmarks Profiles Tab Window Help

Lab Assignment # 4 (Salesforce) | Student Information: New Cust... | Akshay Pradeep Patade Lab W... | Mail - Akshay Pradeep Patade | what is visible lines in salesfor...

stevensinstituteoftechno99-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

It's Better in Lightning

Move to Lightning Experience and give your users a productivity boost.

Student Information New Custom Field

Step 4. Add to page layouts Step 4 of 4

Field Label: Department  
Data Type: Long Text Area  
Field Name: Department  
Description:

Select the page layouts that should include this field. The field will be added as the last field in the first 2-column section of these page layouts. The field will not appear on any pages if you do not select a layout.

To change the location of this field on the page, you will need to customize the page layout.

Add Field  Page Layout Name  
 Student Information Layout

When finished, click Save & New to create more custom fields, or click Save if you are done.

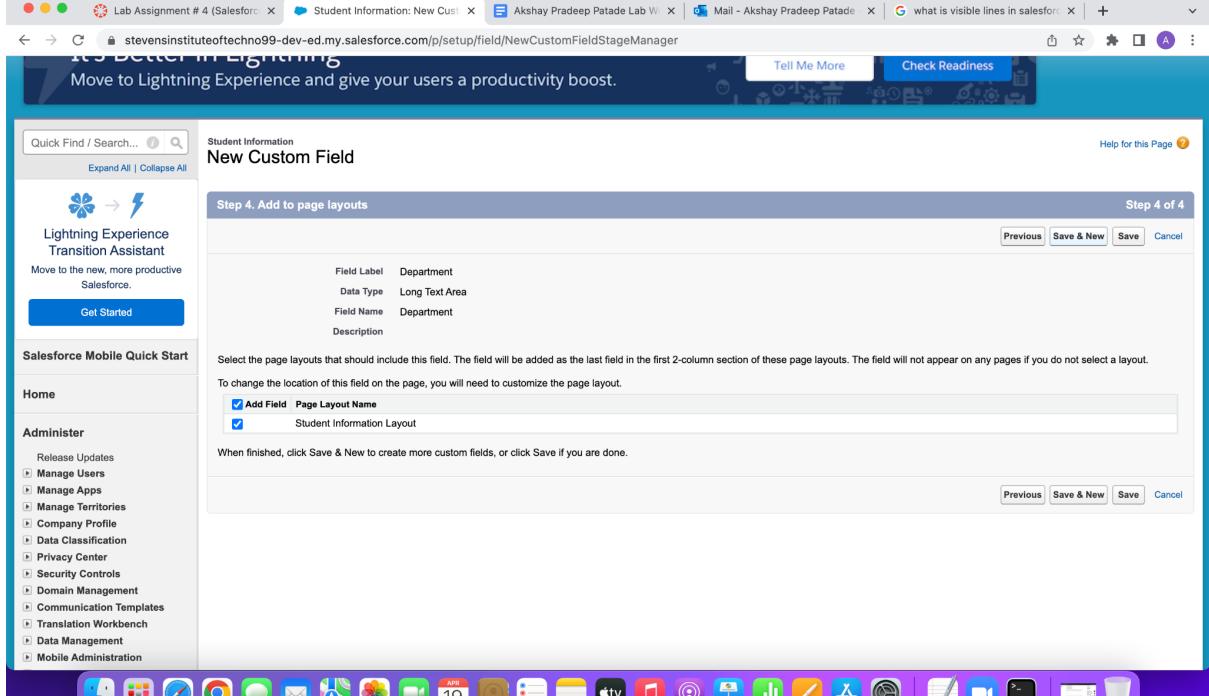
Previous Save & New Save Cancel

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- Data Management
- Mobile Administration



CWID

Chrome File Edit View History Bookmarks Profiles Tab Window Help

Lab Assignment # 4 (Salesforce) | Student Information: New Cust | Akshay Pradeep Patade Lab W | Mail - Akshay Pradeep Patade | what is visible lines in salesfor Tue Apr 19 4:14 PM

stevensinstituteoftechno99-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager?entity=018b000001SPQh&setupid=CustomObjects

The relationship field allows users to click on a lookup icon to select a value from a popup list. The master object is the source of the values in the list.

Creates a relationship that links this object to an external object whose data is stored outside the Salesforce org.

Allows users to select a True (checked) or False (unchecked) value.

Allows users to enter a dollar or other currency amount and automatically formats the field as a currency amount. This can be useful if you export data to Excel or another spreadsheet.

Allows users to enter a date or pick a date from a popup calendar.

Allows users to enter a date and time, or pick a date from a popup calendar. When users click a date in the pop-up, that date and the current time are entered into the Date/Time field.

Allows users to enter an email address, which is validated to ensure proper format. If this field is specified for a contact or lead, users can choose the address when clicking Send an Email. Note that custom email addresses cannot be used for mass emails.

Allows users to define location. Includes latitude and longitude components, and can be used to calculate distance.

Allows users to enter any number. Leading zeros are removed.

Allows users to enter a percentage number, for example, "10" and automatically adds the percent sign to the number.

Allows users to enter any phone number. Automatically formats it as a phone number.

Allows users to select a value from a list you define.

Allows users to select multiple values from a list you define.

Allows users to enter any combination of letters and numbers.

Allows users to enter up to 255 characters on separate lines.

Allows users to enter up to 131,072 characters on separate lines.

Allows users to enter formatted text, add images and links. Up to 131,072 characters on separate lines.

Allows users to enter any combination of letters and numbers and store them in encrypted form.

Allows users to enter a local time. For example, "2:40 PM", "14:40", "14:40:00", and "14:40:50.600" are all valid times for this field.

Allows users to enter any valid website address. When users click on the field, the URL will open in a separate browser window.

Next Cancel

Chrome File Edit View History Bookmarks Profiles Tab Window Help

Lab Assignment # 4 (Salesforce) | Student Information: New Cust | Akshay Pradeep Patade Lab W | Mail - Akshay Pradeep Patade | what is visible lines in salesfor Tue Apr 19 4:15 PM

stevensinstituteoftechno99-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

Student Information  
New Custom Field

Step 2 of 4

Previous Next Cancel

Field Label: CWID

You are currently using 32,768 out of 1,638,400 characters on this object. You have 1,605,632 additional characters to allocate to this field.

Length: 32,768 (Max 131,072)

# Visible Lines: 40

Field Name: CWID

Description:

Help Text:

Auto add to custom report type:  Add this field to existing custom report types that contain this entity

Default Value: Show Formula Editor

Use formula syntax: Enclose text and picklist value API names in double quotes : ("the\_text"), include numbers without quotes : (25), show percentages as decimal : (0.10), and express date calculations in the standard format: (Today) + (7). To reference a field from a Custom Metadata type record use: \$CustomMetadataType\_\_RecordName.FieldName\_\_c

Previous Next Cancel

Move to Lightning Experience and give your users a productivity boost.

Student Information  
New Custom Field

Step 3. Establish field-level security Step 3 of 4

Field Label: CWID  
Data Type: Long Text Area  
Field Name: CWID  
Description:

Select the profiles to which you want to grant edit access to this field via field-level security. The field will be hidden from all profiles if you do not add it to field-level security.

Field-Level Security for Profile	<input checked="" type="checkbox"/> Visible	<input type="checkbox"/> Read-Only
Analytics Cloud Integration User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Analytics Cloud Security User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Contract Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cross Org Data Proxy User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Marketing Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Sales Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Support Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - App Subscription User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - Free User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gold Partner User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Identity User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Marketing User	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Lightning Experience Transition Assistant

Move to the new, more productive Salesforce.

Get Started

Check Readiness



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Student Information  
New Custom Field

Step 4. Add to page layouts Step 4 of 4

Field Label: CWID  
Data Type: Long Text Area  
Field Name: CWID  
Description:

Select the page layouts that should include this field. The field will be added as the last field in the first 2-column section of these page layouts. The field will not appear on any pages if you do not select a layout.

To change the location of this field on the page, you will need to customize the page layout.

Add Field Page Layout Name  
 Student Information Layout

When finished, click Save & New to create more custom fields, or click Save if you are done.

Previous Save & New Save Cancel

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Get Started

Check Readiness



Semester

Chrome File Edit View History Bookmarks Profiles Tab Window Help

Lab Assignment # 4 (Salesforce) | Student Information: New Cust | Akshay Pradeep Patade Lab W | Mail - Akshay Pradeep Patade | what is visible lines in salesfor Tue Apr 19 4:16 PM

stevensinstituteoftechno99-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager?entity=018b000001SPQh&setupid=CustomObjects

Outlook Integration and Sync  
Gmail Integration and Sync  
Email Administration  
Google Apps  
Analytics  
Data.com Administration

Build  
Customize  
Create  
Apps  
Custom Labels  
Interaction Log Layouts  
**Objects**  
Big Objects  
Picklist Value Sets  
Packages  
Report Types  
Tabs  
Service Cloud Launch Pad  
Action Link Templates  
Global Actions  
Workflow & Approvals

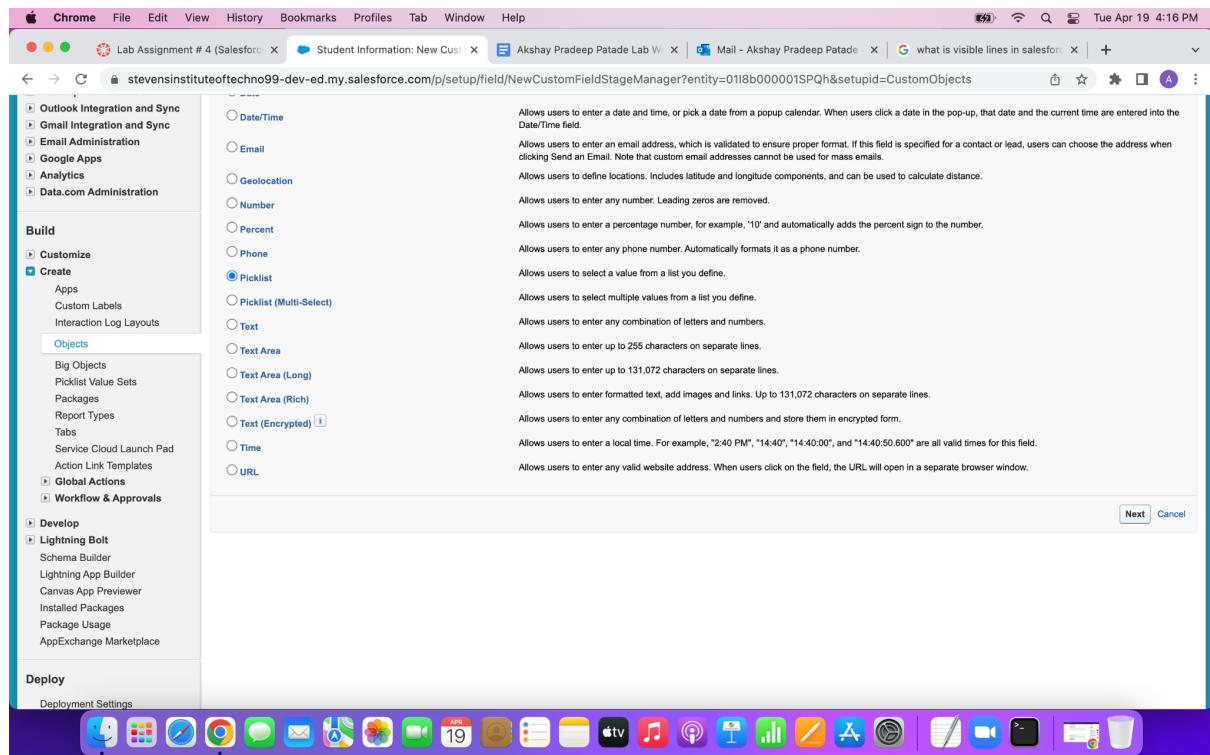
Develop  
Lightning Bolt  
Schema Builder  
Lightning App Builder  
Canvas App Previewer  
Installed Packages  
Package Usage  
AppExchange Marketplace

Deploy  
Deployment Settings

Date/Time  
Email  
Geolocation  
Number  
Percent  
Phone  
**Picklist**  
Picklist (Multi-Select)  
Text  
Text Area  
Text Area (Long)  
Text Area (Rich)  
Text (Encrypted)  
Time  
URL

Allows users to enter a date and time, or pick a date from a popup calendar. When users click a date in the pop-up, that date and the current time are entered into the Date/Time field.  
Allows users to enter an email address, which is validated to ensure proper format. If this field is specified for a contact or lead, users can choose the address when clicking Send an Email. Note that custom email addresses cannot be used for mass emails.  
Allows users to define locations. Includes latitude and longitude components, and can be used to calculate distance.  
Allows users to enter any number. Leading zeros are removed.  
Allows users to enter a percentage number, for example, '10' and automatically adds the percent sign to the number.  
Allows users to enter any phone number. Automatically formats it as a phone number.  
Allows users to select a value from a list you define.  
Allows users to select multiple values from a list you define.  
Allows users to enter any combination of letters and numbers.  
Allows users to enter up to 255 characters on separate lines.  
Allows users to enter up to 131,072 characters on separate lines.  
Allows users to enter formatted text, add images and links. Up to 131,072 characters on separate lines.  
Allows users to enter any combination of letters and numbers and store them in encrypted form.  
Allows users to enter a local time. For example, "2:40 PM", "14:40", "14:40:00", and "14:40:50.800" are all valid times for this field.  
Allows users to enter any valid website address. When users click on the field, the URL will open in a separate browser window.

Next Cancel



Chrome File Edit View History Bookmarks Profiles Tab Window Help

Lab Assignment # 4 (Salesforce) | Student Information: New Cust | Akshay Pradeep Patade | Mail - Akshay Pradeep Patade | Undergraduate Student | (3) Salesforce Object Qu Tue Apr 19 4:44 PM

stevensinstituteoftechno99-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

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- Desktop Administration
- Outlook Integration and Sync
- Gmail Integration and Sync
- Email Administration
- Google Apps
- Analytics
- Data.com Administration

Step 2. Enter the details Step 2 of 4

Field Label: Semester

Values:  
 Use global picklist value set  
 Enter values, with each value separated by a new line

Fall  
Summer  
Spring

Field Name: Semester

Description:

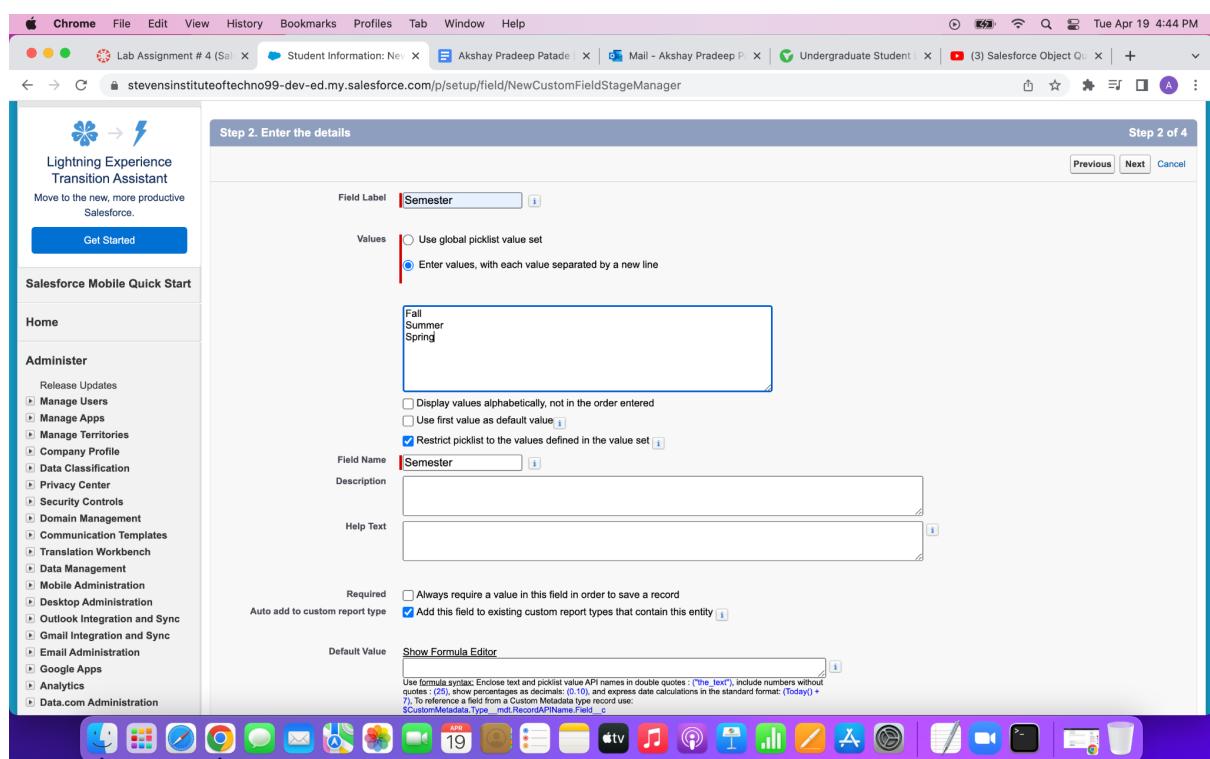
Help Text:

Required:  Always require a value in this field in order to save a record  
 Auto add to custom report type

Auto add to custom report type:  Add this field to existing custom report types that contain this entity

Default Value: Show Formula Editor

Use formula syntax: Enclose text and picklist value API names in double quotes : ("The\_Text"), include numbers without quotes : (25), show percentages as decimals : (0.10), and express date calculations in the standard format: (Today) (7). To reference a field from a Custom Metadata type record use: \${CustomMetadata\_Type\_\_md.RecordAPIName.FieldName}.



Chrome File Edit View History Bookmarks Profiles Tab Window Help

Lab Assignment # 4 (Salesforce) | Student Information: New Cust | Akshay Pradeep Patade Lab W | Mail - Akshay Pradeep Patade | what is visible lines in salesfor... | + Tue Apr 19 4:17 PM

stevensinstituteoftechno99-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

Move to Lightning Experience and give your users a productivity boost.

Quick Find / Search...

Student Information  
New Custom Field

Step 3. Establish field-level security Step 3 of 4

Previous Next Cancel

Field Label Semester  
Data Type Picklist  
Field Name Semester  
Description

Select the profiles to which you want to grant edit access to this field via field-level security. The field will be hidden from all profiles if you do not add it to field-level security.

Field-Level Security for Profile	<input checked="" type="checkbox"/> Visible	<input type="checkbox"/> Read-Only
Analytics Cloud Integration User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Analytics Cloud Security User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Contract Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cross Org Data Proxy User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Marketing Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Sales Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Support Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - App Subscription User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - Free User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gold Partner User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Identity User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Marketing User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum Access - Salesforce	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Get Started

Salesforce Mobile Quick Start

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- Manage Territories
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- Privacy Center
- Security Controls
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- Translation Workbench
- Data Management
- Mobile Administration
- Desktop Administration
- Outlook Integration and Sync

It's Better in Lightning Move to Lightning Experience and give your users a productivity boost.

Tell Me More Check Readiness

Quick Find / Search...

Student Information  
New Custom Field

Step 4 of 4

Previous Save & New Save Cancel

Field Label Semester  
Data Type Picklist  
Field Name Semester  
Description

Select the page layouts that should include this field. The field will be added as the last field in the first 2-column section of these page layouts. The field will not appear on any pages if you do not select a layout.

To change the location of this field on the page, you will need to customize the page layout.

Add Field  Page Layout Name  
 Student Information Layout

When finished, click Save & New to create more custom fields, or click Save if you are done.

Previous Save & New Save Cancel

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Tell Me More Check Readiness

Quick Find / Search...

Student Information  
New Custom Field

Step 4 of 4

Previous Save & New Save Cancel

Field Label Semester  
Data Type Picklist  
Field Name Semester  
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Select the page layouts that should include this field. The field will be added as the last field in the first 2-column section of these page layouts. The field will not appear on any pages if you do not select a layout.

To change the location of this field on the page, you will need to customize the page layout.

Add Field  Page Layout Name  
 Student Information Layout

When finished, click Save & New to create more custom fields, or click Save if you are done.

Previous Save & New Save Cancel

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## Date of Joining

Chrome File Edit View History Bookmarks Profiles Tab Window Help

Lab Assignment # 4 (Salesforce) | Student Information: New Cust | Akshay Pradeep Patade Lab W | Mail - Akshay Pradeep Patade | what is visible lines in salesfor Tue Apr 19 4:19 PM

stevensinstituteoftechno99-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager?entity=018b000001SPQh&setupid=CustomObjects

Communication Components Translation Workbench Data Management Mobile Administration Desktop Administration Outlook Integration and Sync Gmail Integration and Sync Email Administration Google Apps Analytics Data.com Administration

**Build**

Customize Create Apps Custom Labels Interaction Log Layouts Objects

Big Objects Picklist Value Sets Packages Report Types Tabs Service Cloud Launch Pad Action Link Templates Global Actions Workflow & Approvals

Develop Lightning Bolt Schema Builder Lightning App Builder Canvas App Previewer Installed Packages Package Usage

Allows users to select a True (checked) or False (unchecked) value.

Allows users to enter a dollar or other currency amount and automatically formats the field as a currency amount. This can be useful if you export data to Excel or another spreadsheet.

Allows users to enter a date or pick a date from a popup calendar.

Allows users to enter a date and time, or pick a date from a popup calendar. When users click a date in the pop-up, that date and the current time are entered into the Date/Time field.

Allows users to enter an email address, which is validated to ensure proper format. If this field is specified for a contact or lead, users can choose the address when clicking Send an Email. Note that custom email addresses cannot be used for mass emails.

Allows users to define locations. Includes latitude and longitude components, and can be used to calculate distance.

Allows users to enter any number. Leading zeros are removed.

Allows users to enter a percentage number, for example, "10" and automatically adds the percent sign to the number.

Allows users to enter any phone number. Automatically formats it as a phone number.

Allows users to select a value from a list you define.

Allows users to select multiple values from a list you define.

Allows users to enter any combination of letters and numbers.

Allows users to enter up to 255 characters on separate lines.

Allows users to enter up to 131,072 characters on separate lines.

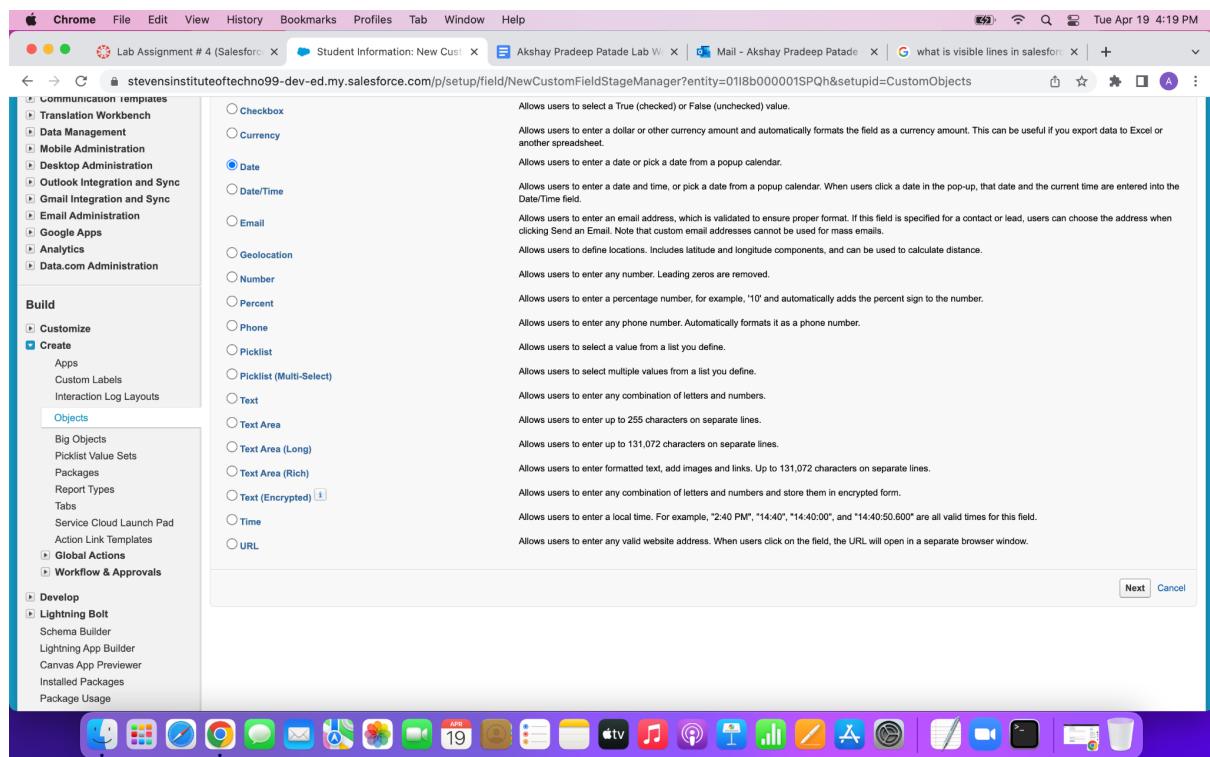
Allows users to enter formatted text, add images and links. Up to 131,072 characters on separate lines.

Allows users to enter any combination of letters and numbers and store them in encrypted form.

Allows users to enter a local time. For example, "2:40 PM", "14:40", "14:40:00", and "14:40:50.600" are all valid times for this field.

Allows users to enter any valid website address. When users click on the field, the URL will open in a separate browser window.

Next Cancel



Chrome File Edit View History Bookmarks Profiles Tab Window Help

Lab Assignment # 4 (Salesforce) | Student Information: New Cust | Akshay Pradeep Patade Lab W | Mail - Akshay Pradeep Patade | what is visible lines in salesfor Tue Apr 19 4:20 PM

stevensinstituteoftechno99-dev-ed.my.salesforce.com/p/setup/field/NewCustomFieldStageManager

Quick Find / Search... Expand All | Collapse All

**Lightning Experience Transition Assistant**  
Move to the new, more productive Salesforce.

Get Started

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- Gmail Integration and Sync

**Student Information**

## New Custom Field

Step 2. Enter the details Step 2 of 4

Field Label  Help for this Page ?

Field Name  Previous Next Cancel

Description

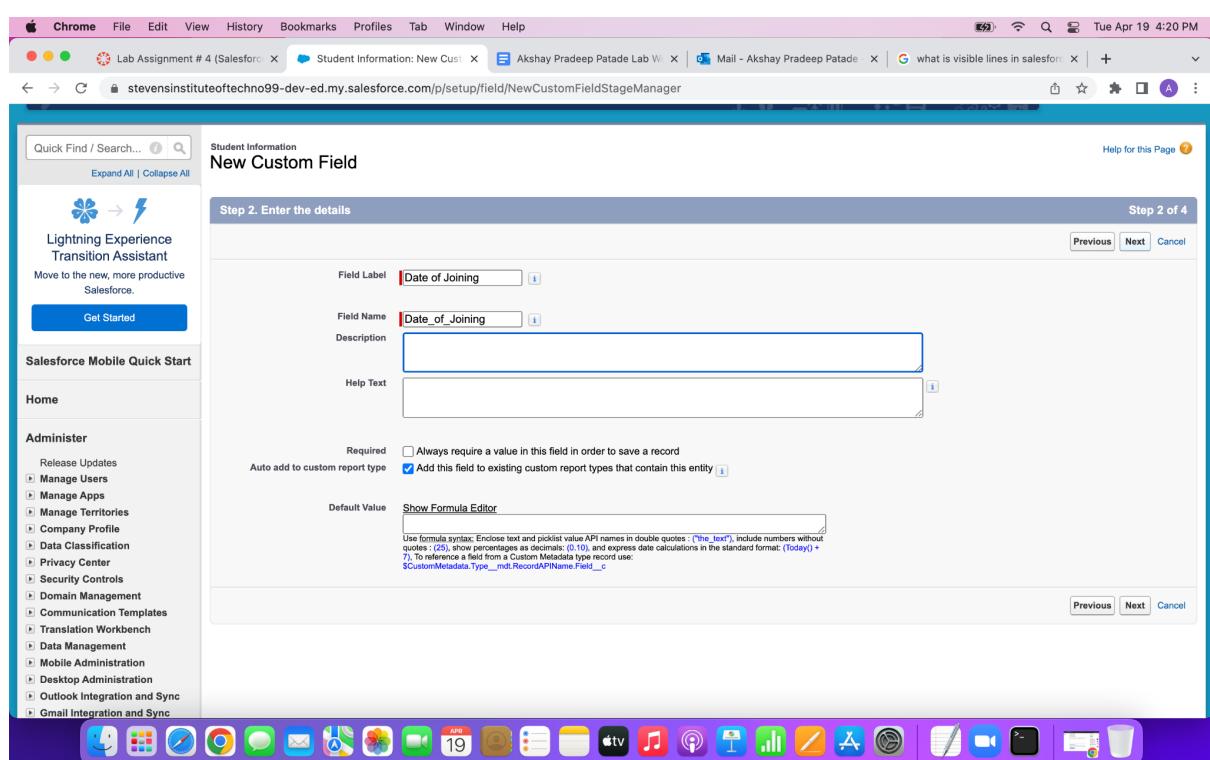
Help Text

Required  Always require a value in this field in order to save a record

Auto add to custom report type  Add this field to existing custom report types that contain this entity

Default Value   
Use formula syntax. Encloses text and picklist values. API names in double quotes : ("the\_text"), include numbers without quotes ("123") show percentages as decimal (.10 .10), and express date calculations in the standard format: (today) + 7). To reference a field from a Custom Metadata type record use: \$CustomMetadata.Type\_\_mdt:RecordAPIName.Field\_\_c

Previous Next Cancel



The screenshot shows the Salesforce Lightning Experience Transition Assistant. The main title is "Student Information New Custom Field". The sub-step is "Step 3. Establish field-level security". The field details are: Field Label: Date of Joining, Data Type: Date, Field Name: Date\_of\_Joining, and Description: (empty). Below this, a table lists profiles with checkboxes for "Visible" and "Read-Only". All profiles listed have the "Visible" checkbox checked.

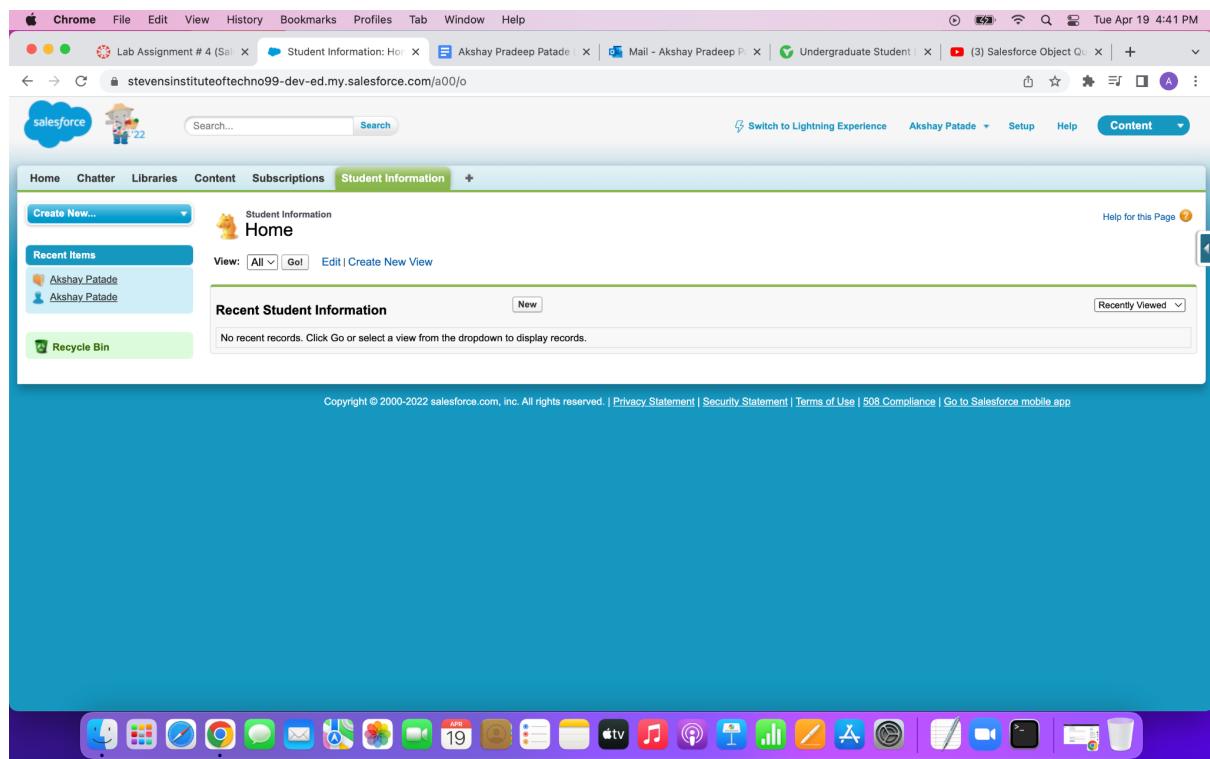
Field-Level Security for Profile	Visible	Read-Only
Analytics Cloud Integration User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Analytics Cloud Security User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Contract Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cross Org Data Proxy User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Marketing Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Sales Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custom: Support Profile	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - App Subscription User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Force.com - Free User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gold Partner User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Identity User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Marketing User	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum Access - Salesforce	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The screenshot shows the Salesforce Lightning Experience Transition Assistant. The main title is "Student Information New Custom Field". The sub-step is "Step 4 of 4". The field details are: Field Label: Date of Joining, Data Type: Date, Field Name: Date\_of\_Joining, and Description: (empty). Below this, a table lists page layouts with checkboxes for "Add Field" and "Page Layout Name". The "Student Information Layout" checkbox is checked. A note at the bottom says "When finished, click Save & New to create more custom fields, or click Save if you are done."

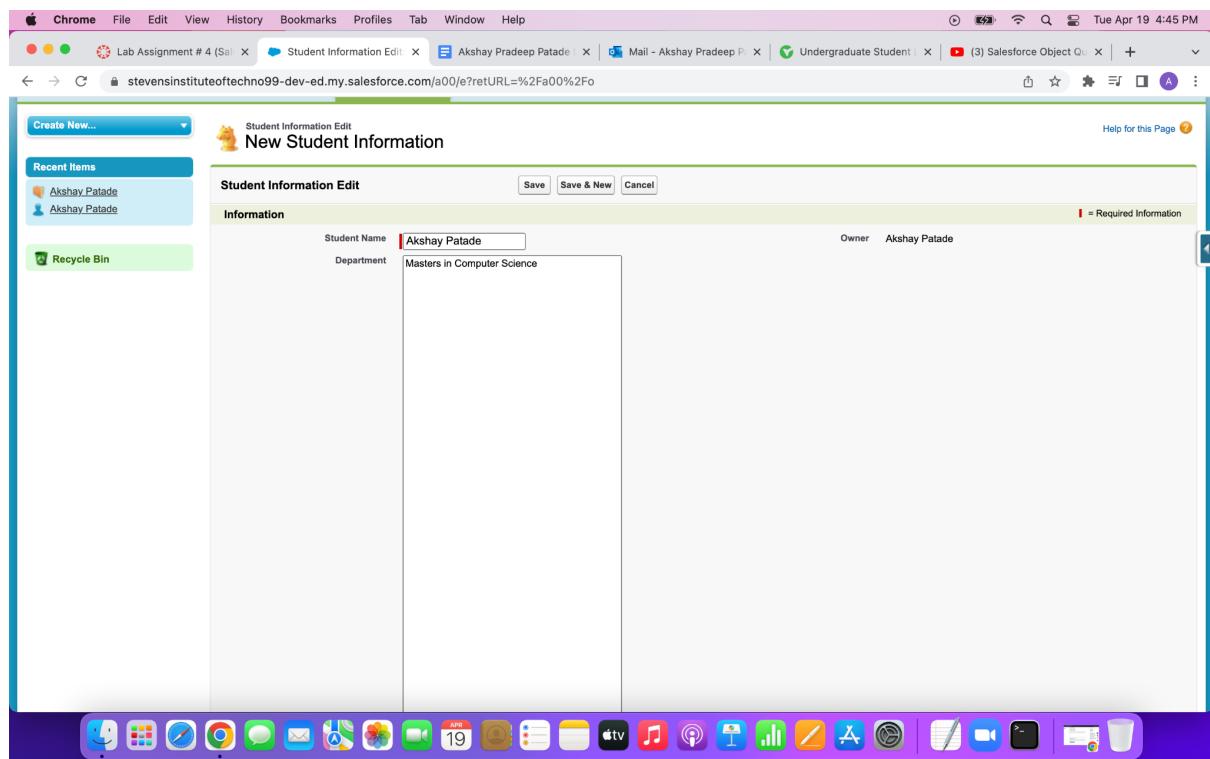
Add Field	Page Layout Name
<input checked="" type="checkbox"/>	Student Information Layout

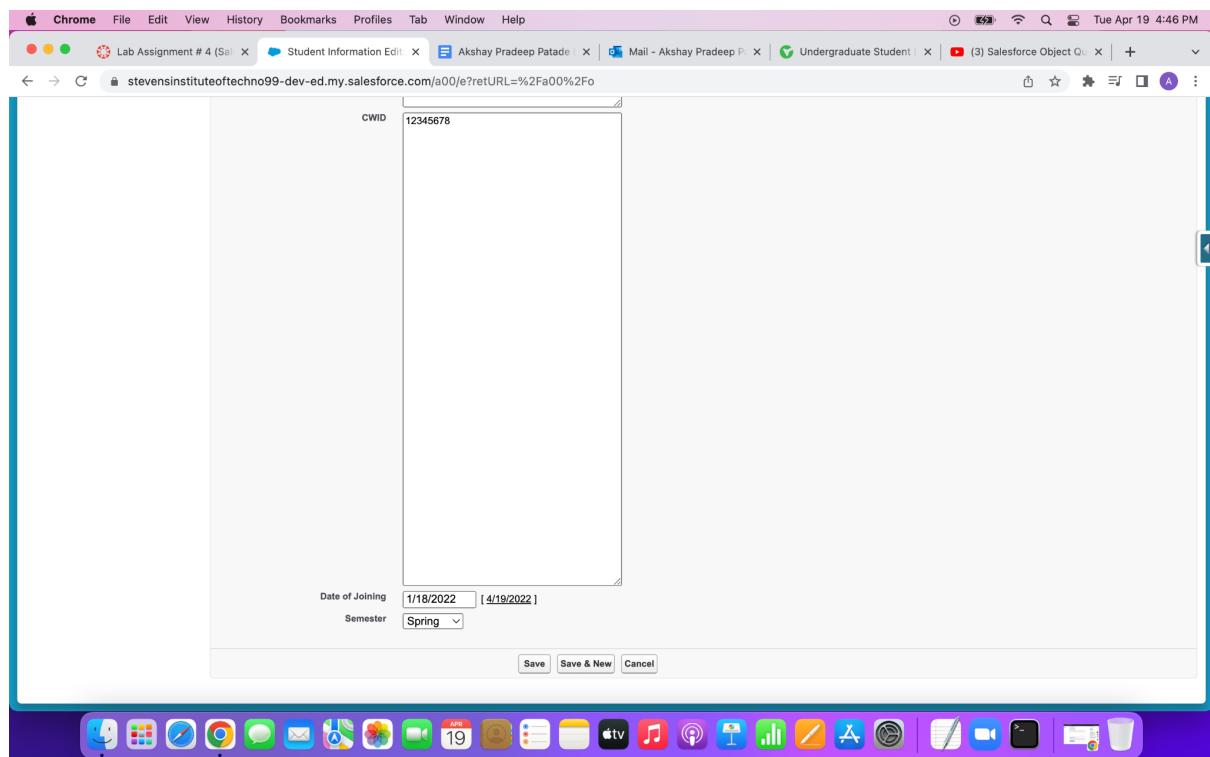
## D) Creating record on Custom Object

Click on the Students Information Tab and click on the New button



Enter your Information and click on save button

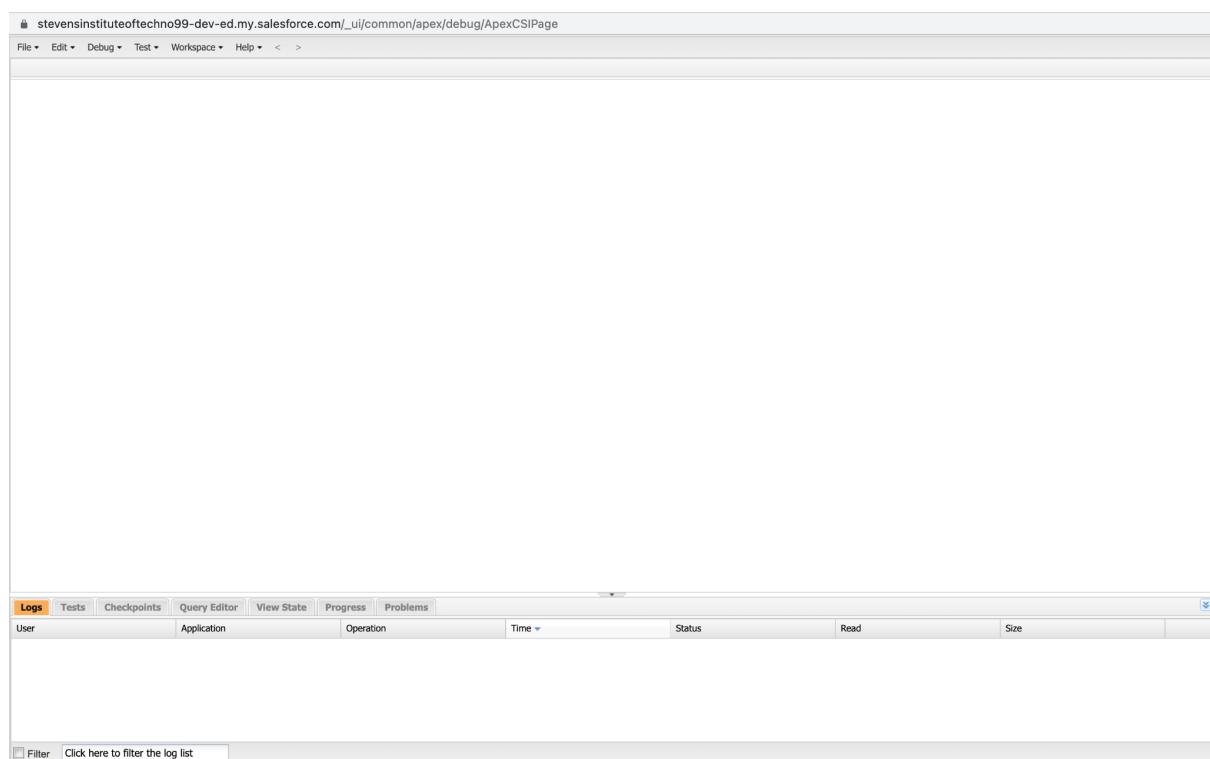
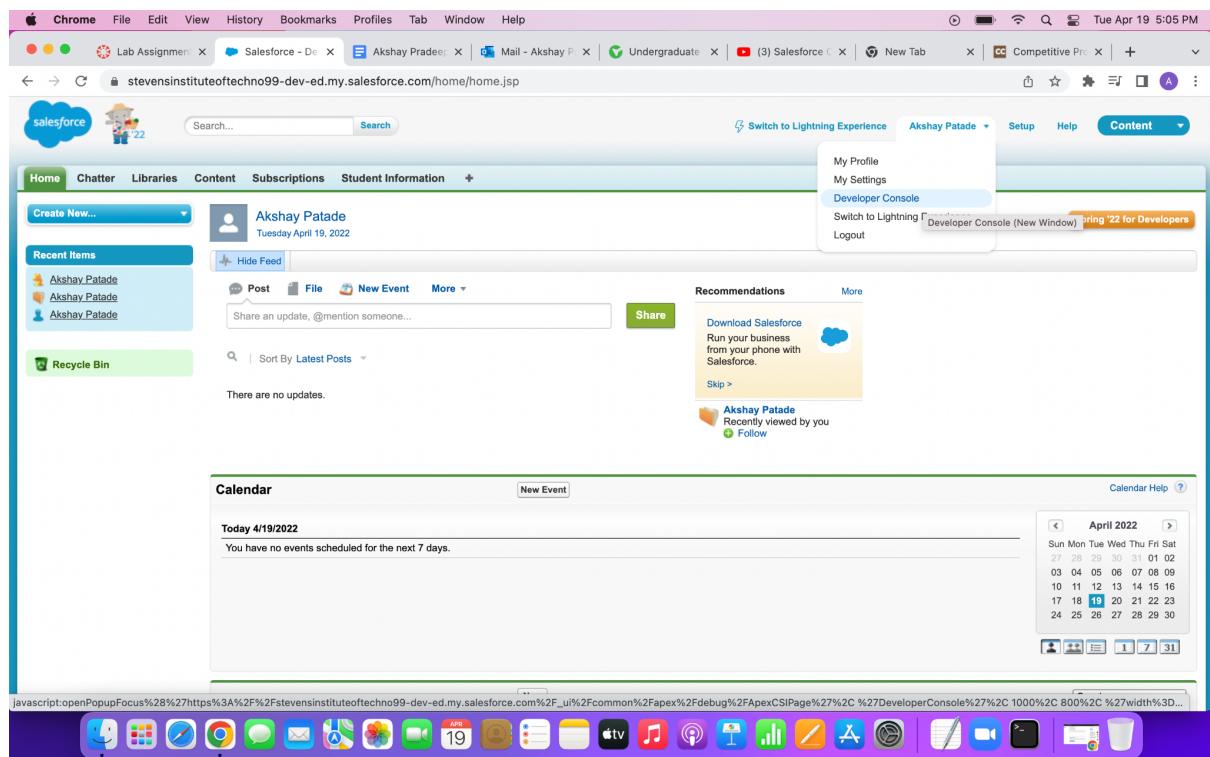




A screenshot of a Salesforce detail view in a Chrome browser window. The URL is stevensinstituteoftechno99-dev-ed.my.salesforce.com/a008b00001F4gv0. The page displays a student record for Akshay Patade with details such as Student Name (Akshay Patade), Department (Masters in Computer Science), CWID (12345678), Date of Joining (1/18/2022), Semester (Spring), and Created By (Akshay Patade). It also shows sections for Open Activities and Activity History.

## E) Retrieving the created records using SOQL

Click on the developer's console. A new window will pop up.



Now run two queries. One for the standard object and the other for the Custom Object.

Standard Object:

```
SELECT Id, Name FROM Account WHERE Name = 'Akshay Pradeep'
```

Developer Console

stevensinstitutetechno99-dev-ed.my.salesforce.com/\_ui/common/apex/debug/ApexCSIPage

**Account@5:12 PM**

```
SELECT Id, Name FROM Account WHERE Name = 'Akshay Patade'
```

**Query Results - Total Rows: 1**

Id	Name
0018b00001xSTBAA4	Akshay Patade

Access in Salesforce: Create New Open Detail Page Edit Page

Logs Tests Checkpoints **Query Editor** View State Progress Problems

```
SELECT Id, Name FROM Account WHERE Name = 'Akshay Patade'
```

Any query errors will appear here...

History

- Executed
- SELECT Id, Name FROM Student\_Information...
- SELECT Id, Name FROM Account WHERE Na...

Execute Use Tooling API

## Custom Object:

**SELECT Id, Name FROM Student\_Information\_\_c WHERE Name = 'Akshay Patade'**

Developer Console

stevensinstitutetechno99-dev-ed.my.salesforce.com/\_ui/common/apex/debug/ApexCSIPage

**Student\_Information\_\_c@5:11 PM** Account@5:12 PM

```
SELECT Id, Name FROM Student_Information__c WHERE Name = 'Akshay Patade'
```

**Query Results - Total Rows: 1**

Id	Name
a008b00001F4gvOAR	Akshay Patade

Access in Salesforce: Create New Open Detail Page Edit Page

Logs Tests Checkpoints **Query Editor** View State Progress Problems

```
SELECT Id, Name FROM Student_Information__c WHERE Name = 'Akshay Patade'
```

Any query errors will appear here...

History

- Executed
- SELECT Id, Name FROM Student\_Information...
- SELECT Id, Name FROM Account WHERE Na...
- SELECT Id, Name FROM Student\_Information...

GRAMMARLY

PREMIUM SUGGESTIONS

- Correct your spelling CWID
- Correct your spelling Patade'