Shubhangi Dutt
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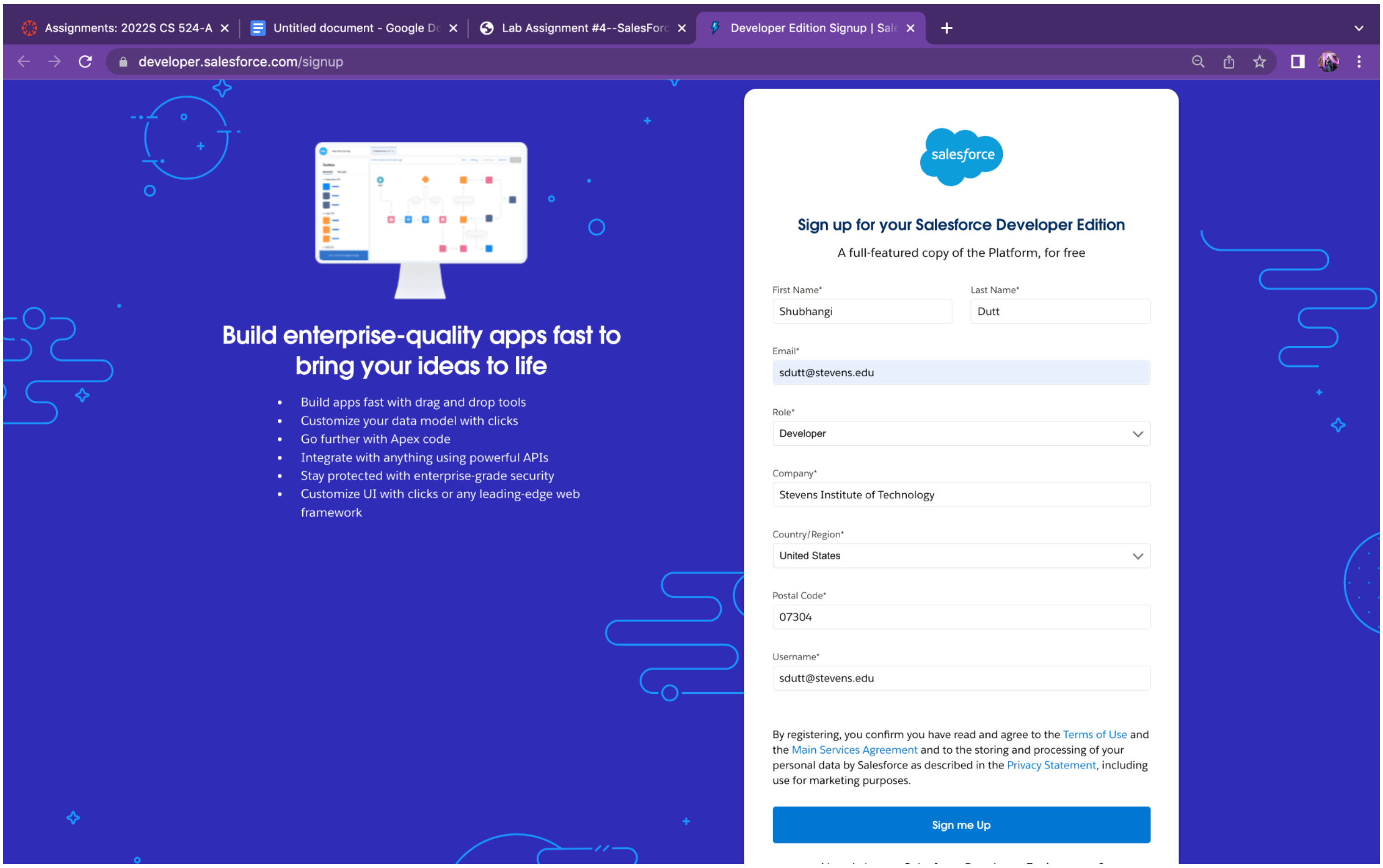
CS- 524 Introduction to Cloud Computing

Lab Assignment-4

A) Creating Salesforce Developer Account

Step 1)Used https://developer.salesforce.com/signup to create my account on salesforce. I entered my details and selected the 'sign me up' button.



Step 2) I waited till I received a verification email to verify my email address.

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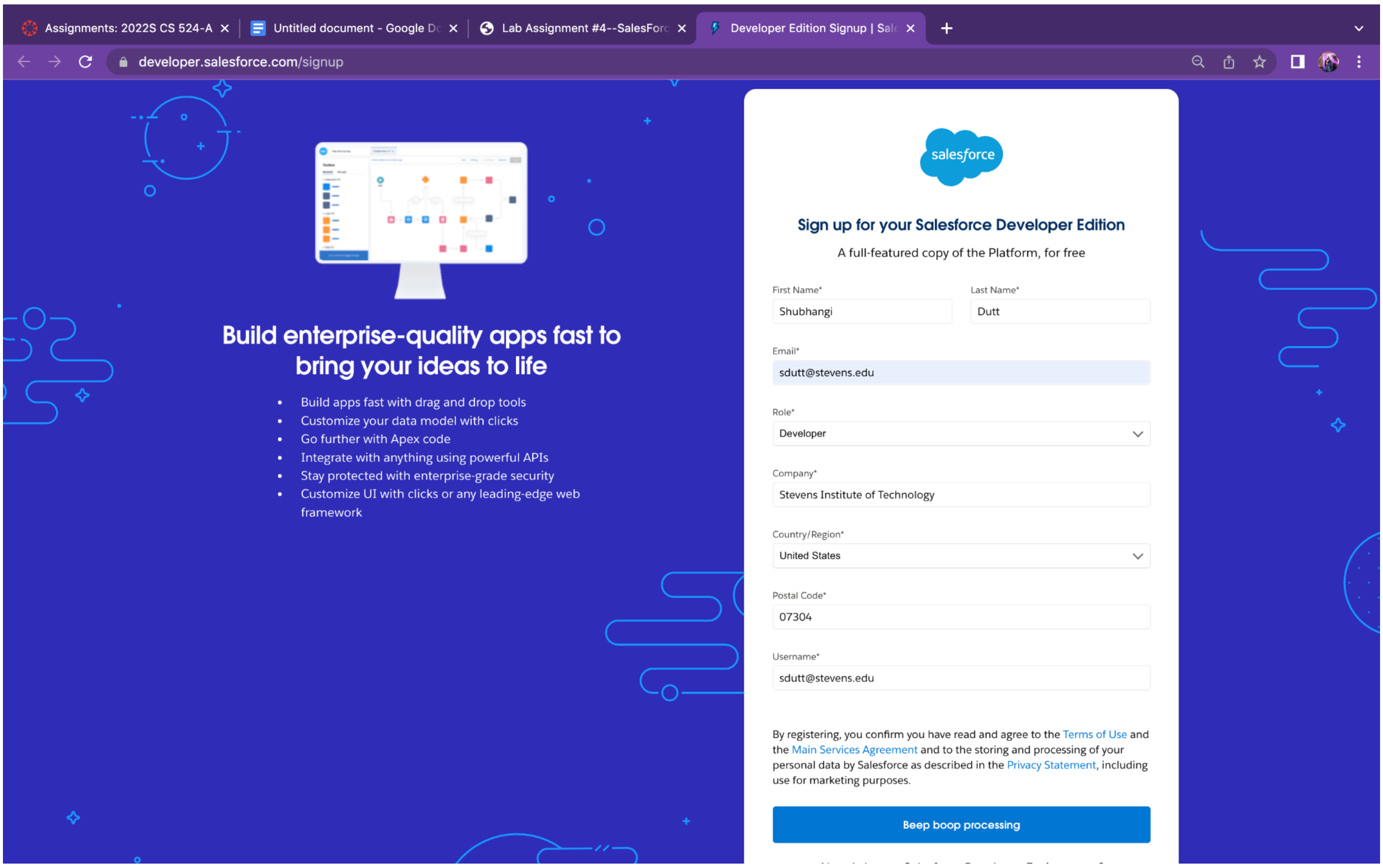

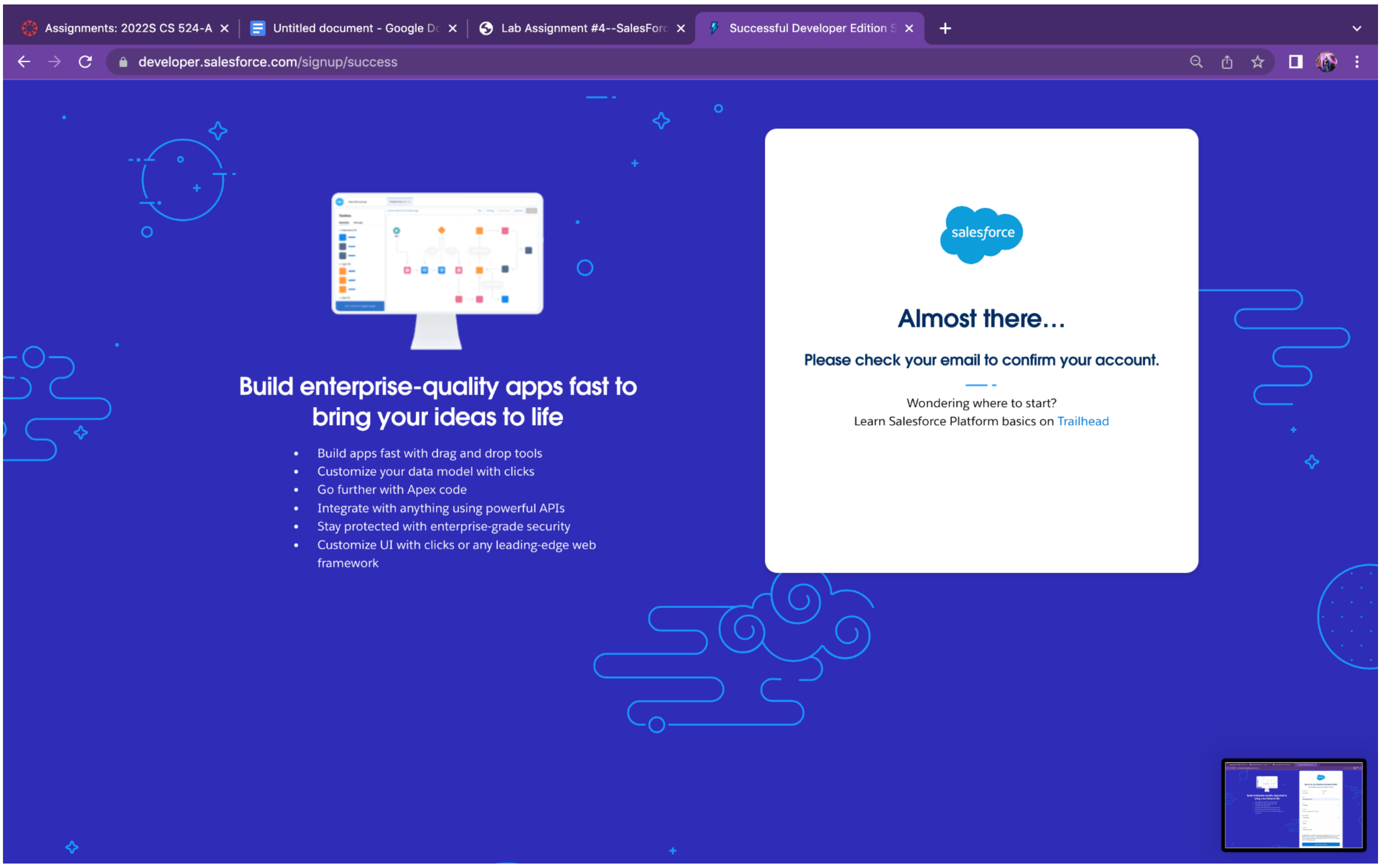

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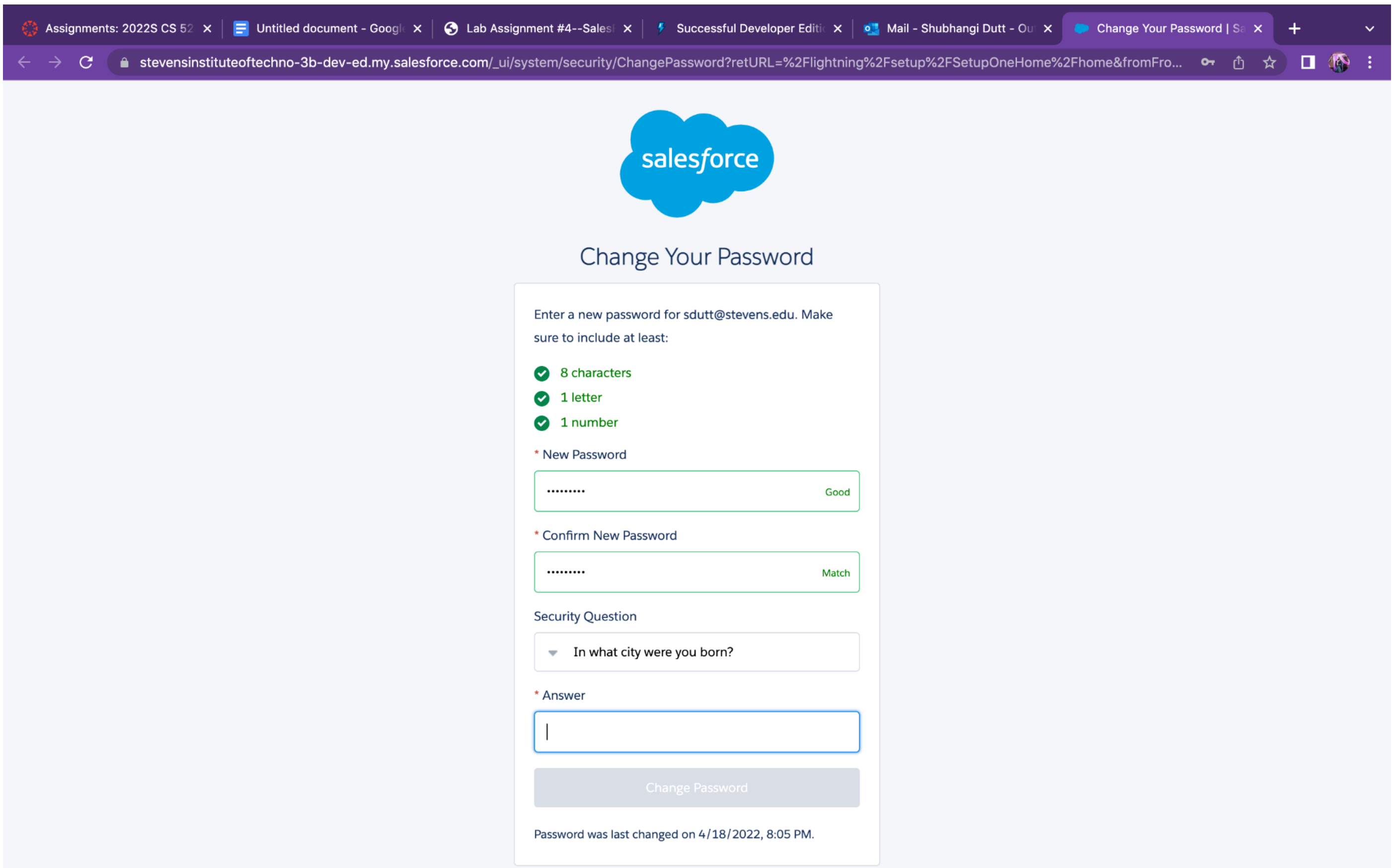
Step 3)I set up my password using the link provided to me via email.



Step 4) I landed on the homepage of salesforce. I went to my profile and selected the option to ‘Switch to Salesforce Classic’.

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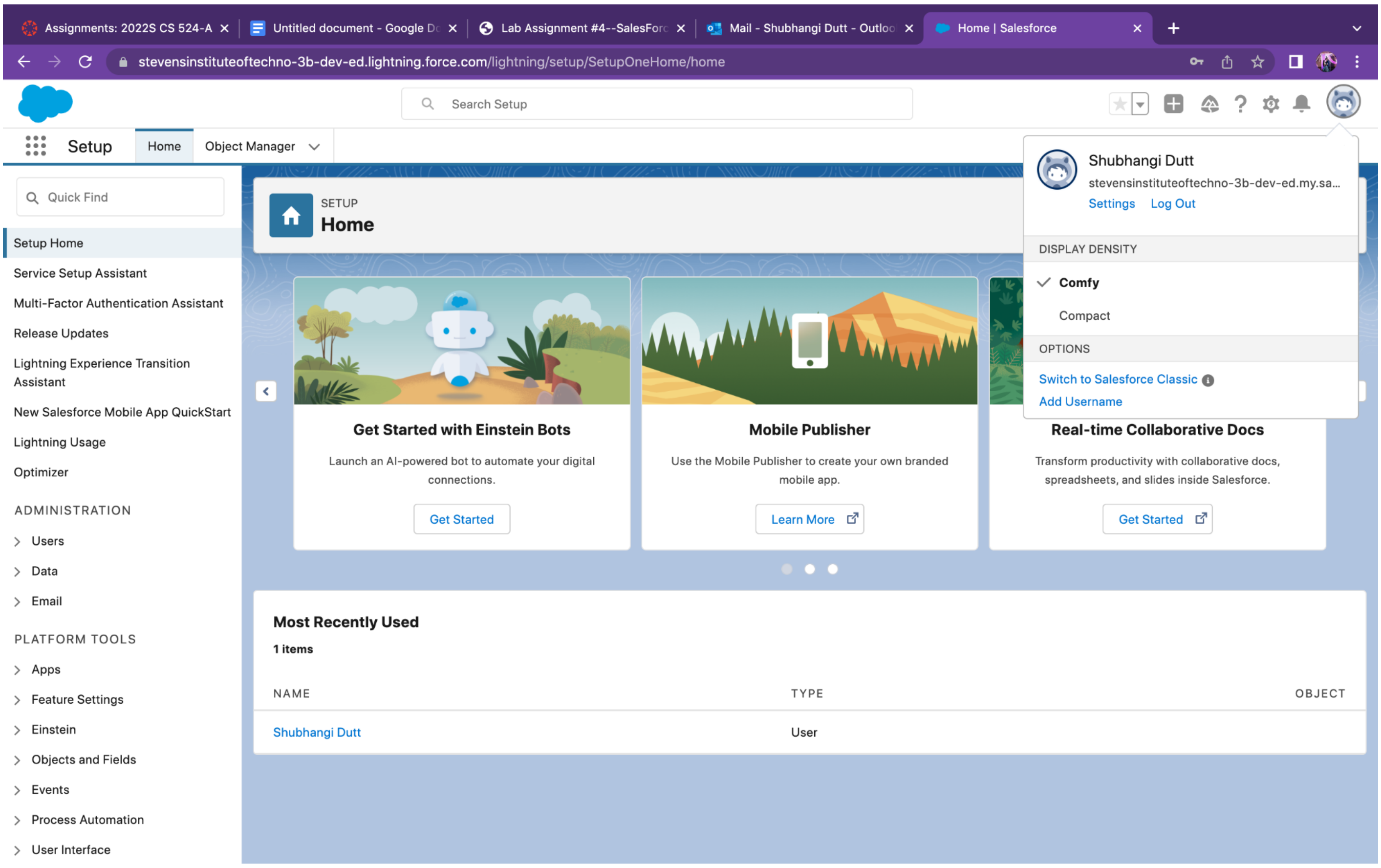

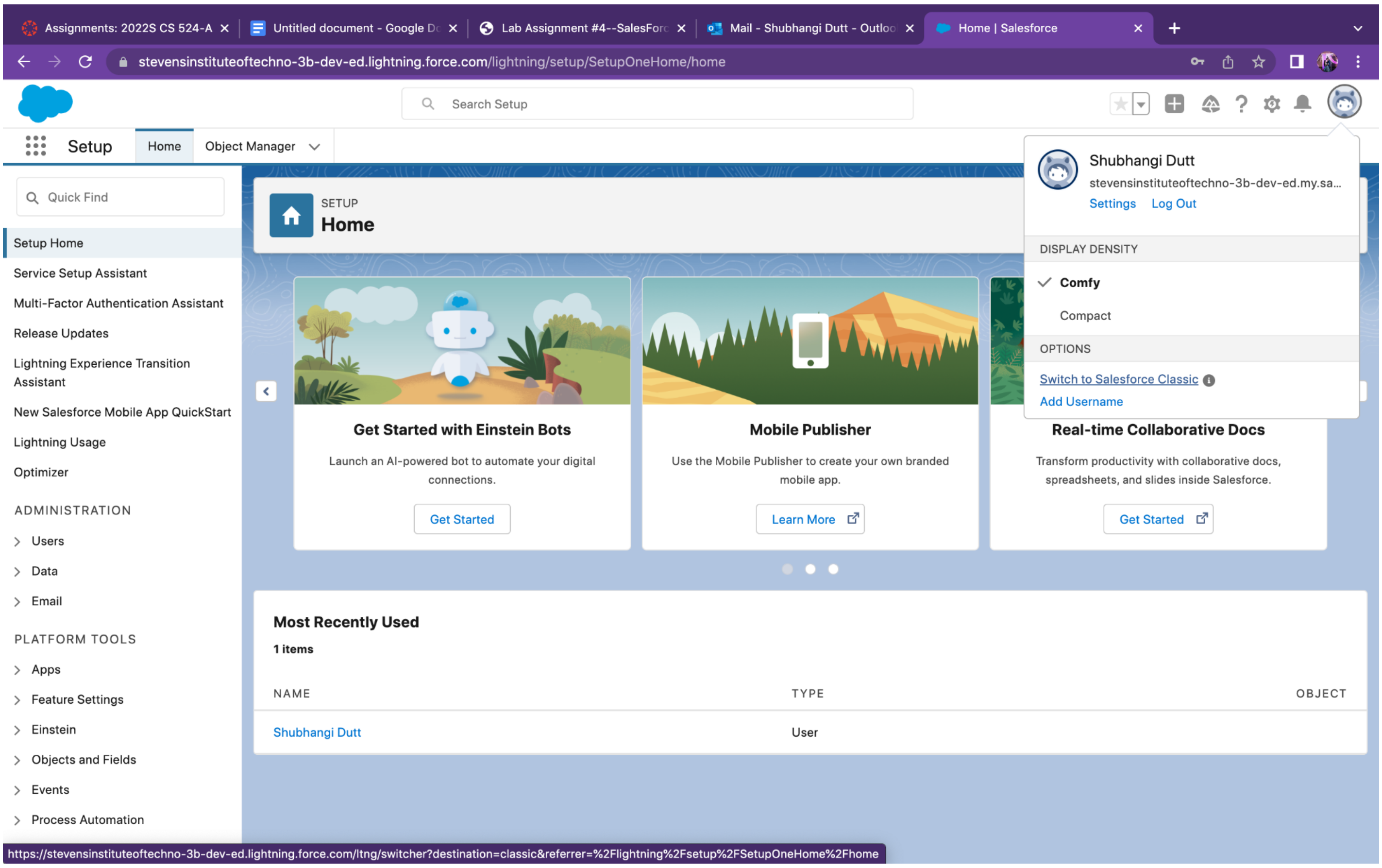

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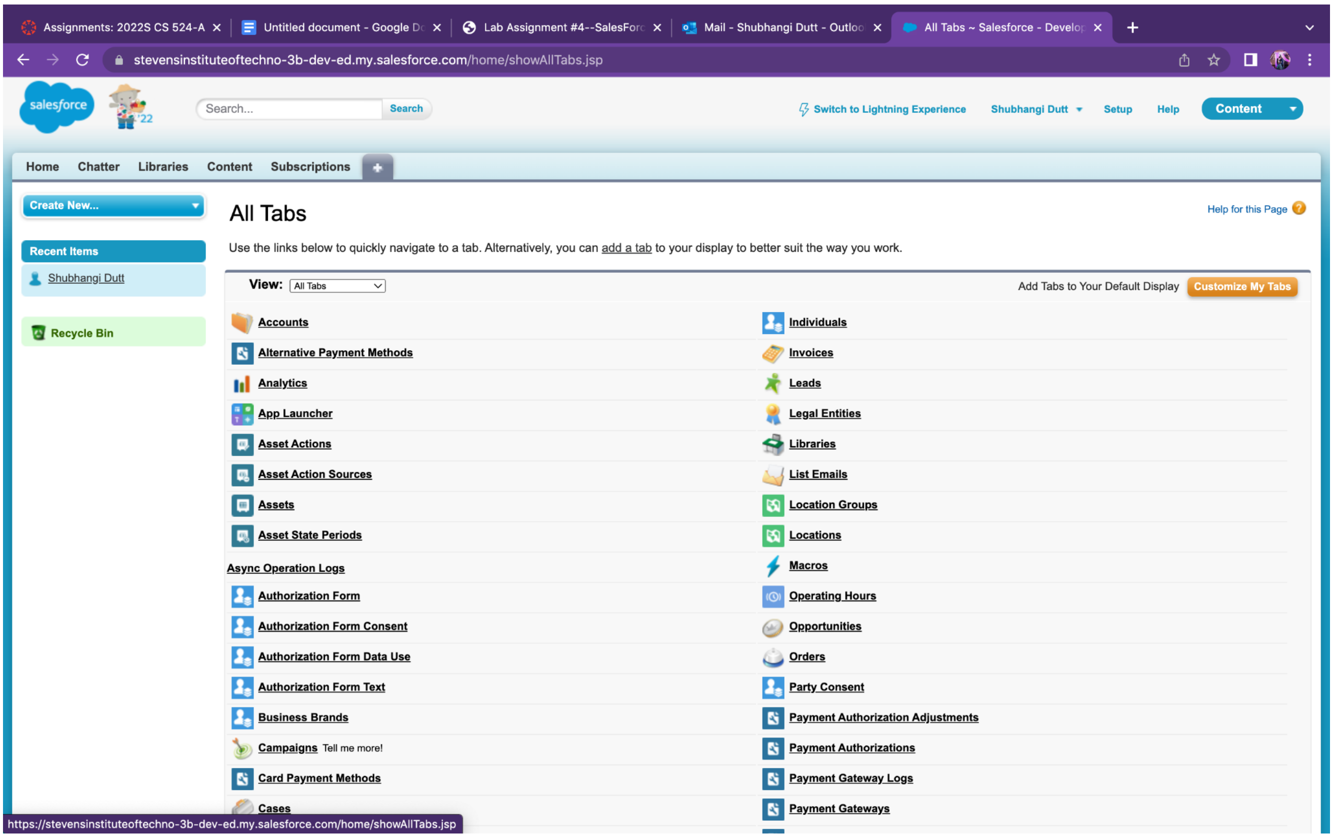
B) Creating record using Salesforce Standard Object

Step 1) I selected the '+' option on the tab-bar



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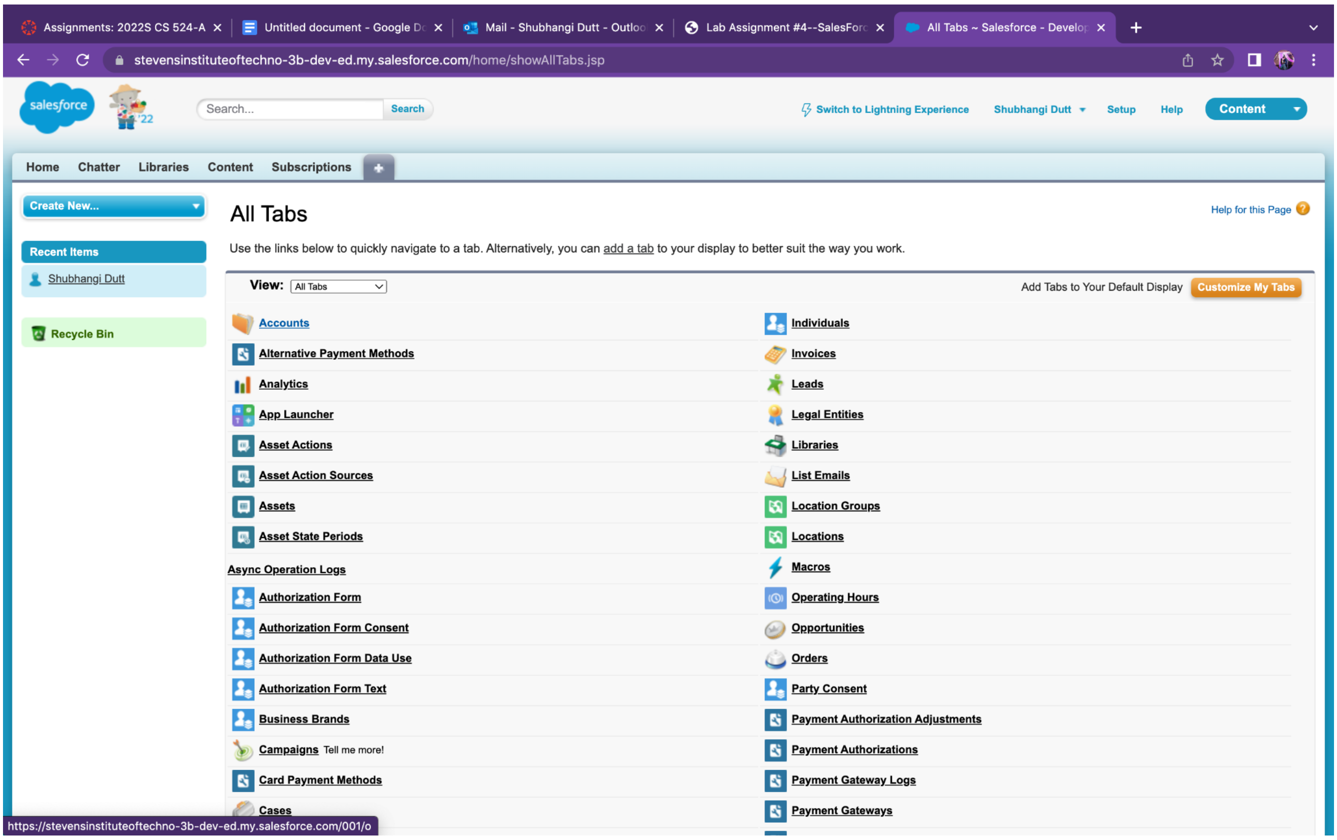
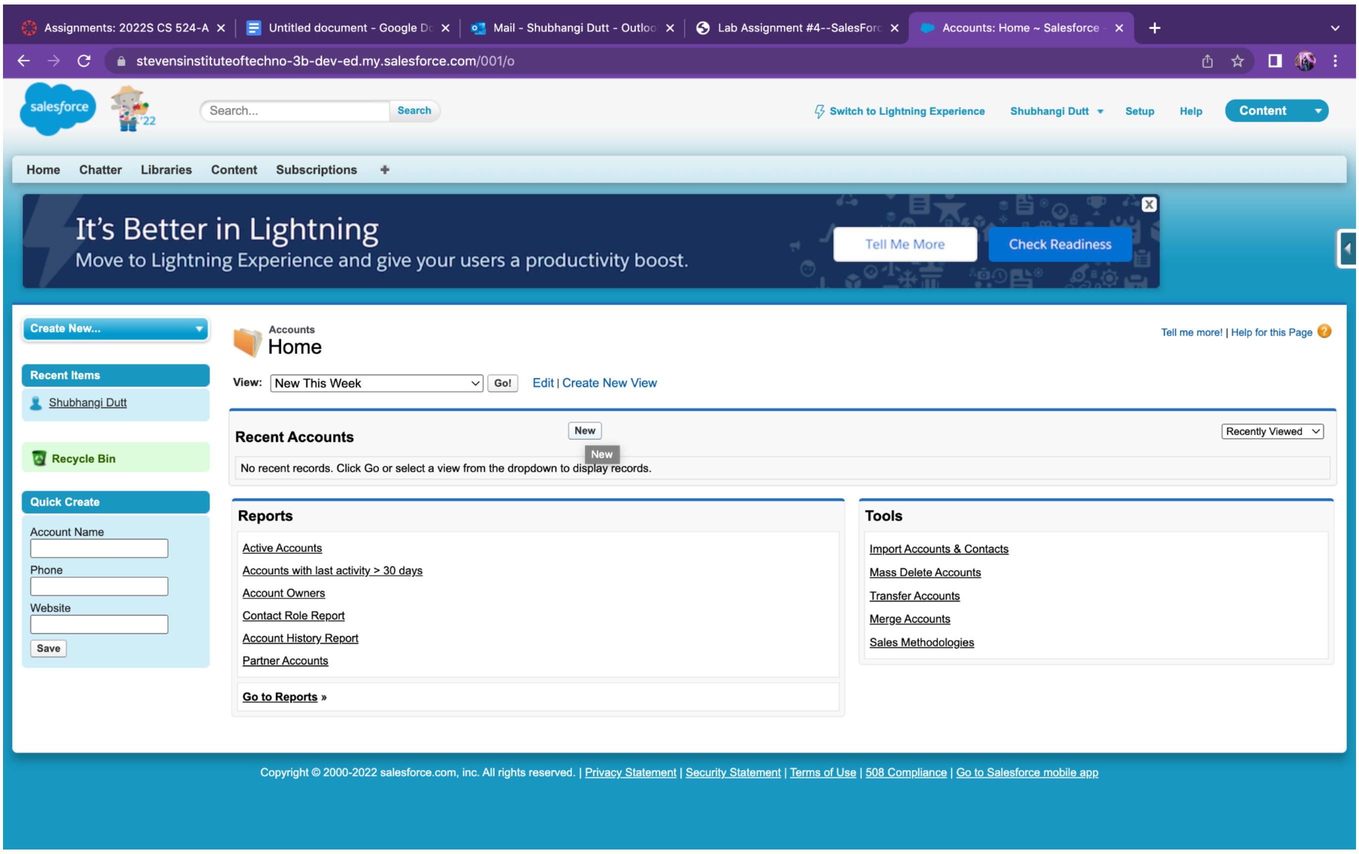
Step 2) I selected the 'Accounts' option.



Step 3) I selected the 'Add Accounts' option



Step 4) I entered my details for the new account such as my name, contact etc.

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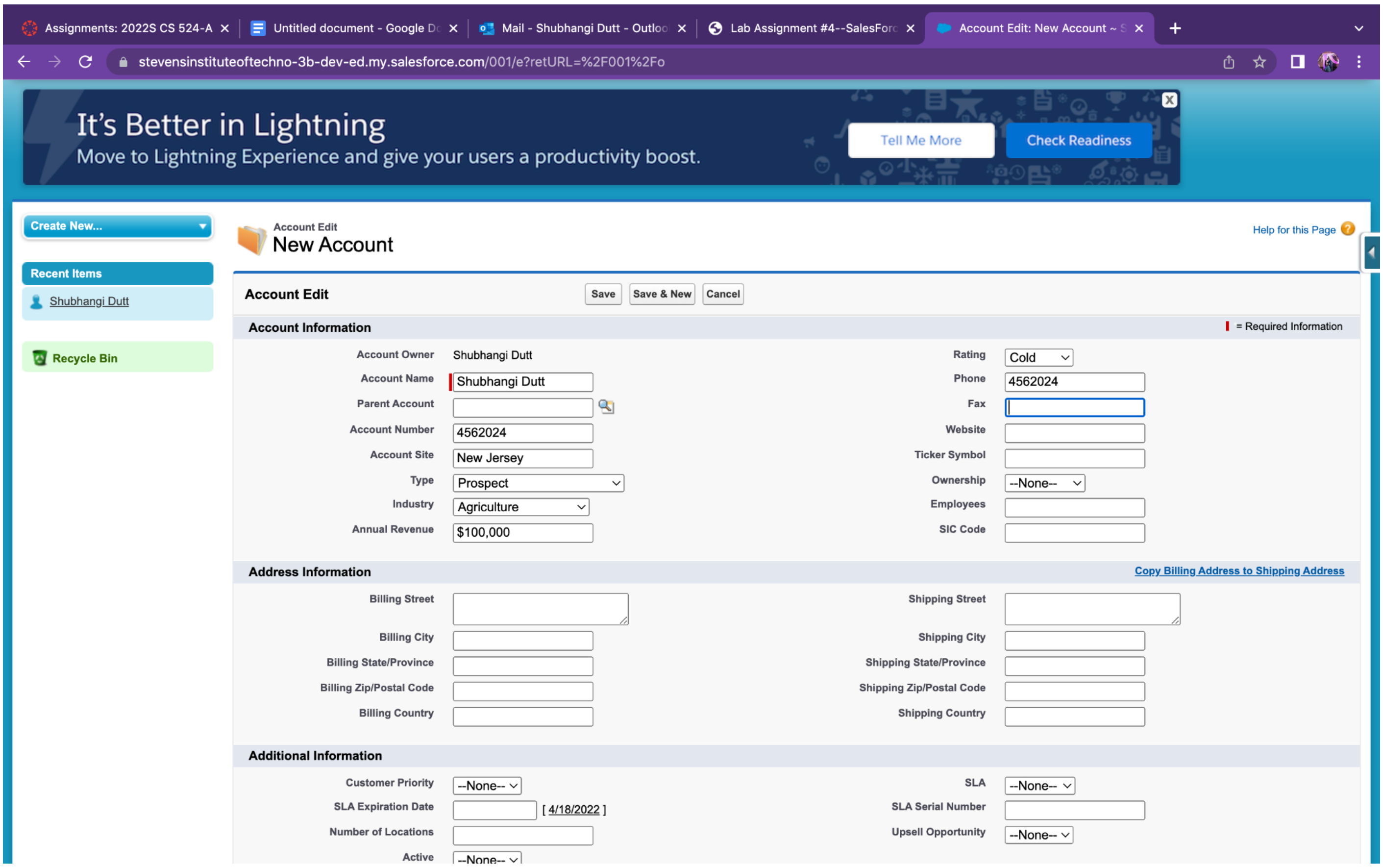
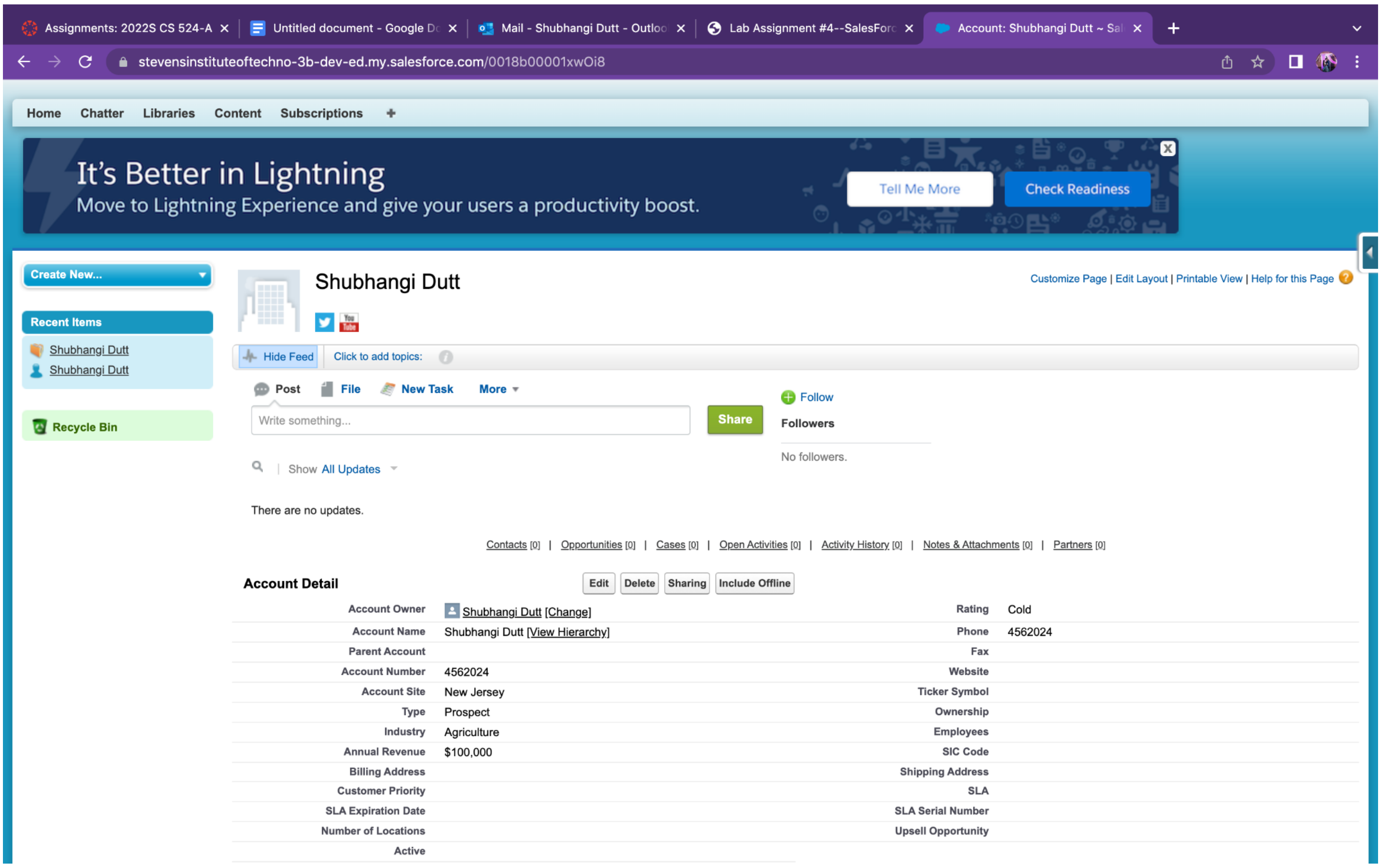


Step 5)I clicked on the 'Save' button and a new account was created.



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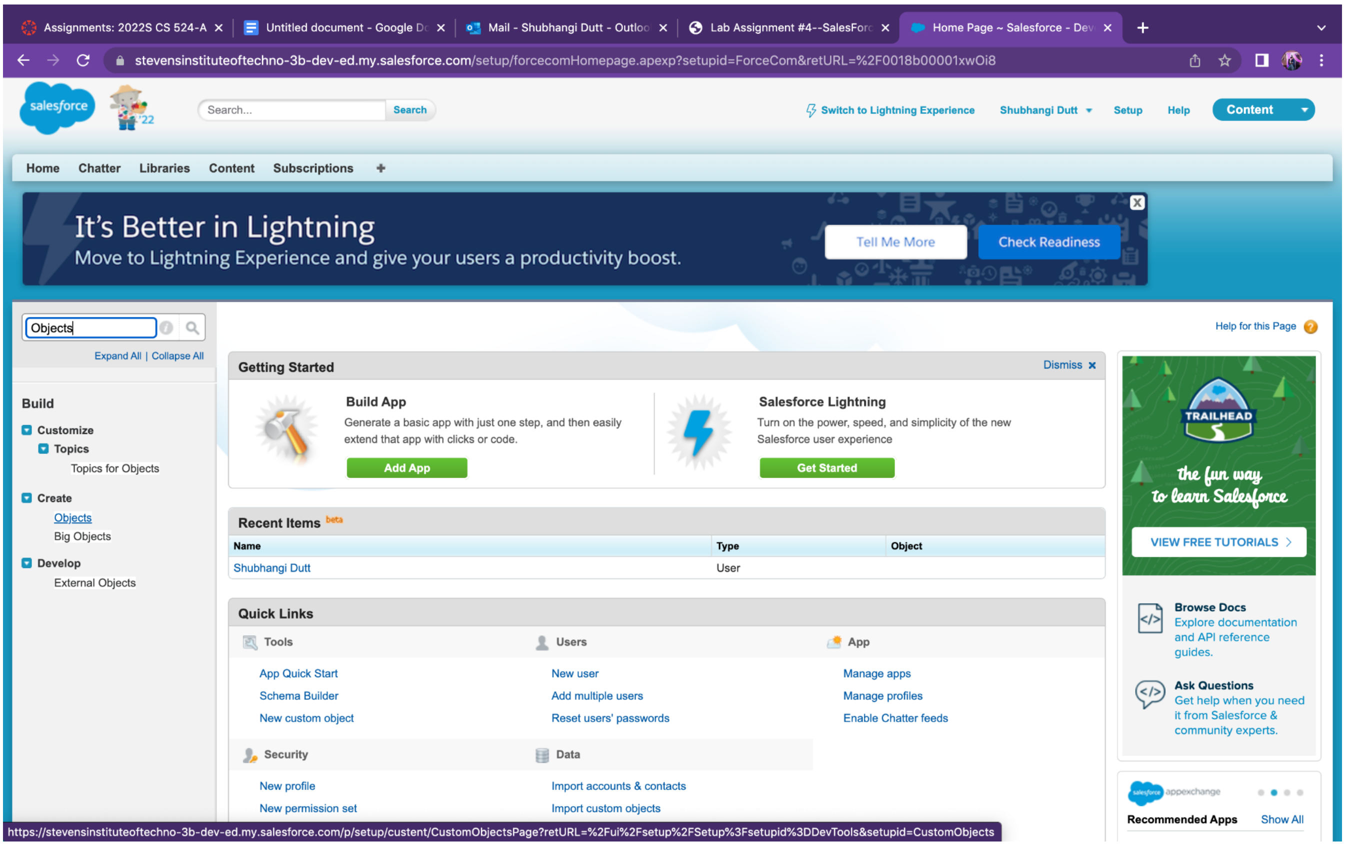
C) Creating Custom Objects and Fields

Part I: Creating Custom Object

Step 1) I clicked on the 'Setup' option in the top most bar then searched for 'Objects' in the search box.



Step 2) I selected the 'Create Objects' option and landed on the 'Custom Objects' page. I selected 'New Custom Object'

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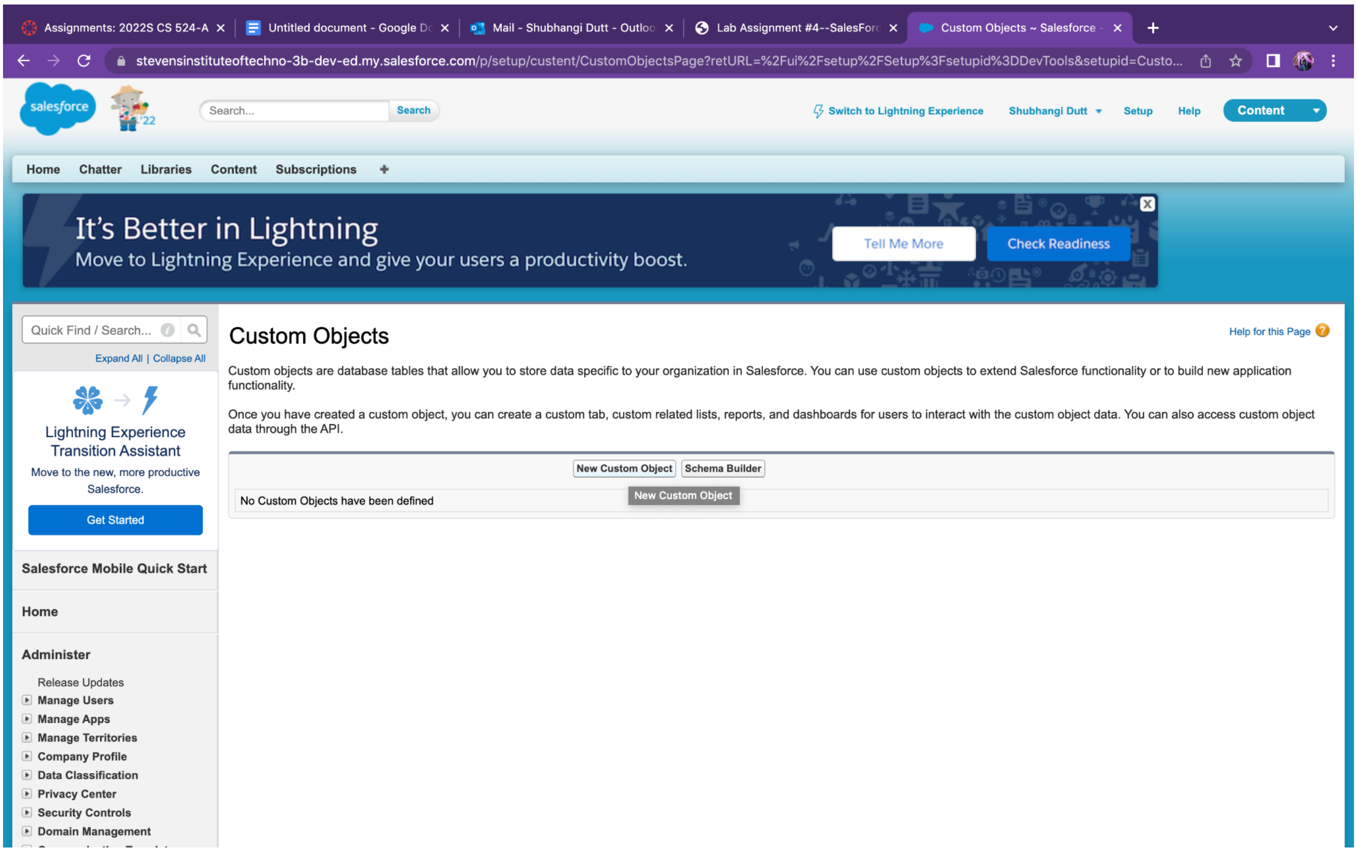

Step 3) I entered the values as follows to setup the object :-
Label: Student Information
Plural Label: Student Information
Object Name: Student_Information
Context-Sensitive Help Setting: Open a window using a Visualforce page Record Name: Student Name
Data Type: Text
Optional Features: All Checked except Enable Licensing
Object Classification: All Checked
Deployment Status: Deployed
Search Status: Unchecked Allow Search
Object Creation Options (Available only when custom object is first created): Launch New Custom Tab Wizard after saving this custom object

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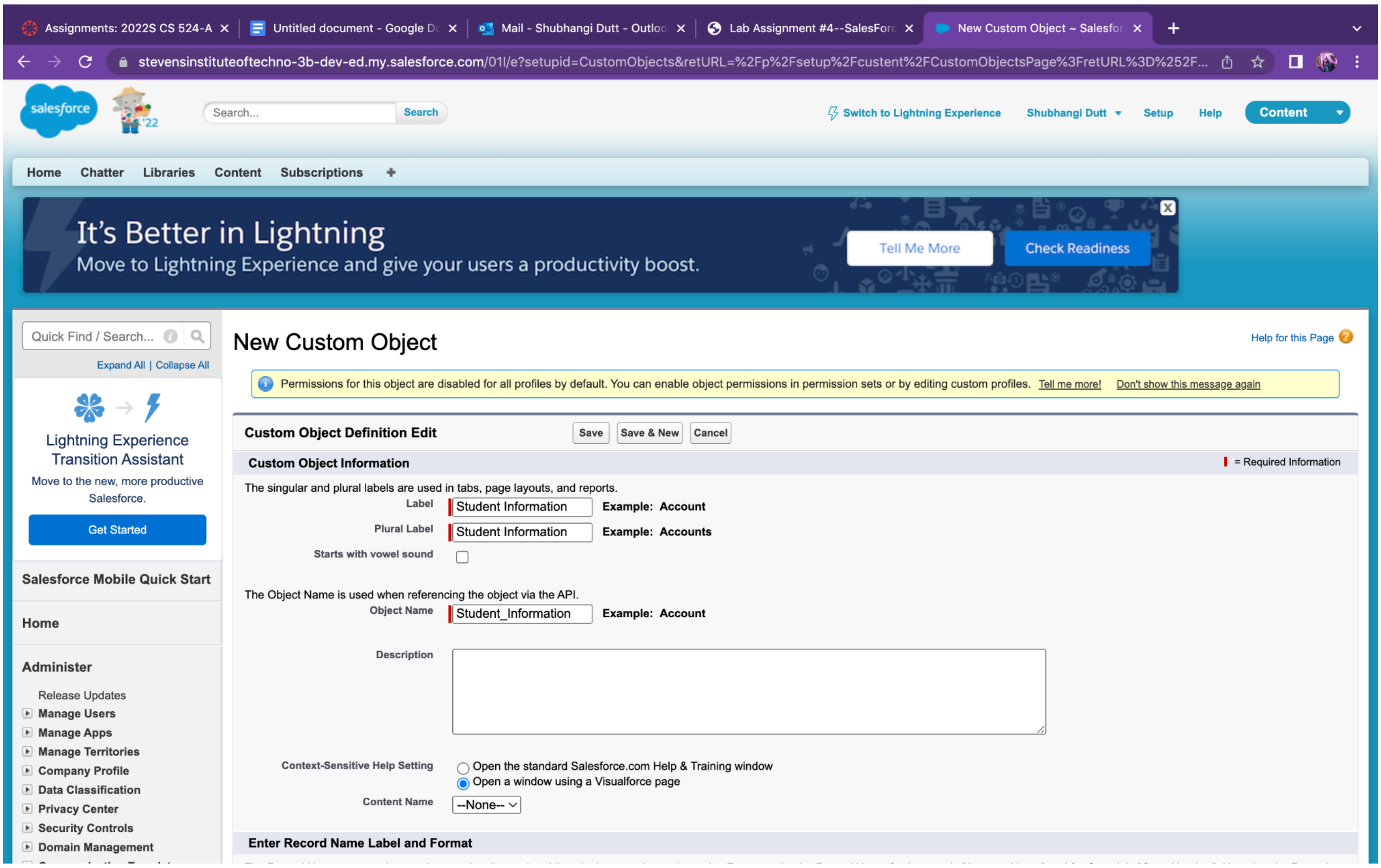

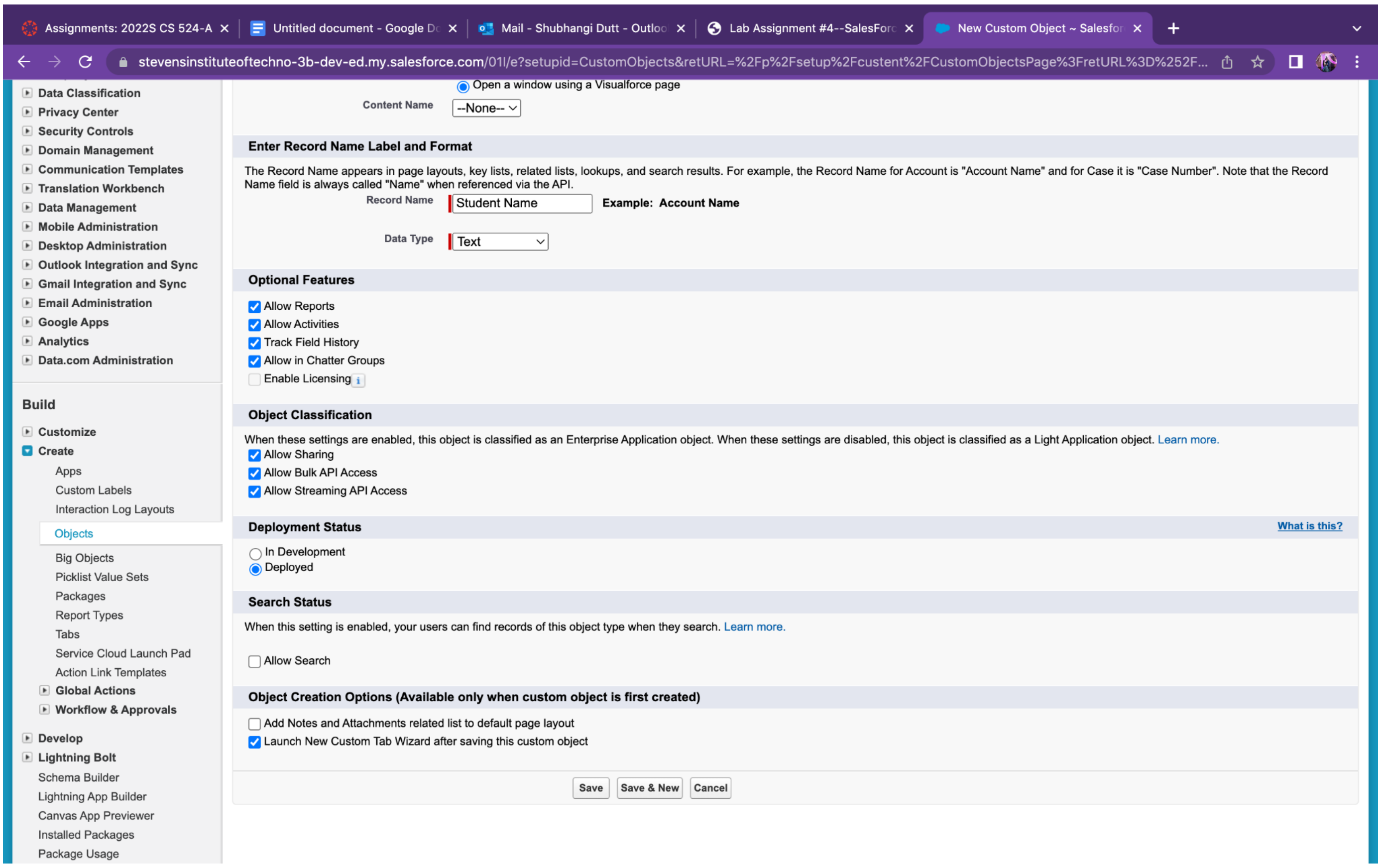

Step 4) Then I selected the 'Save' option.

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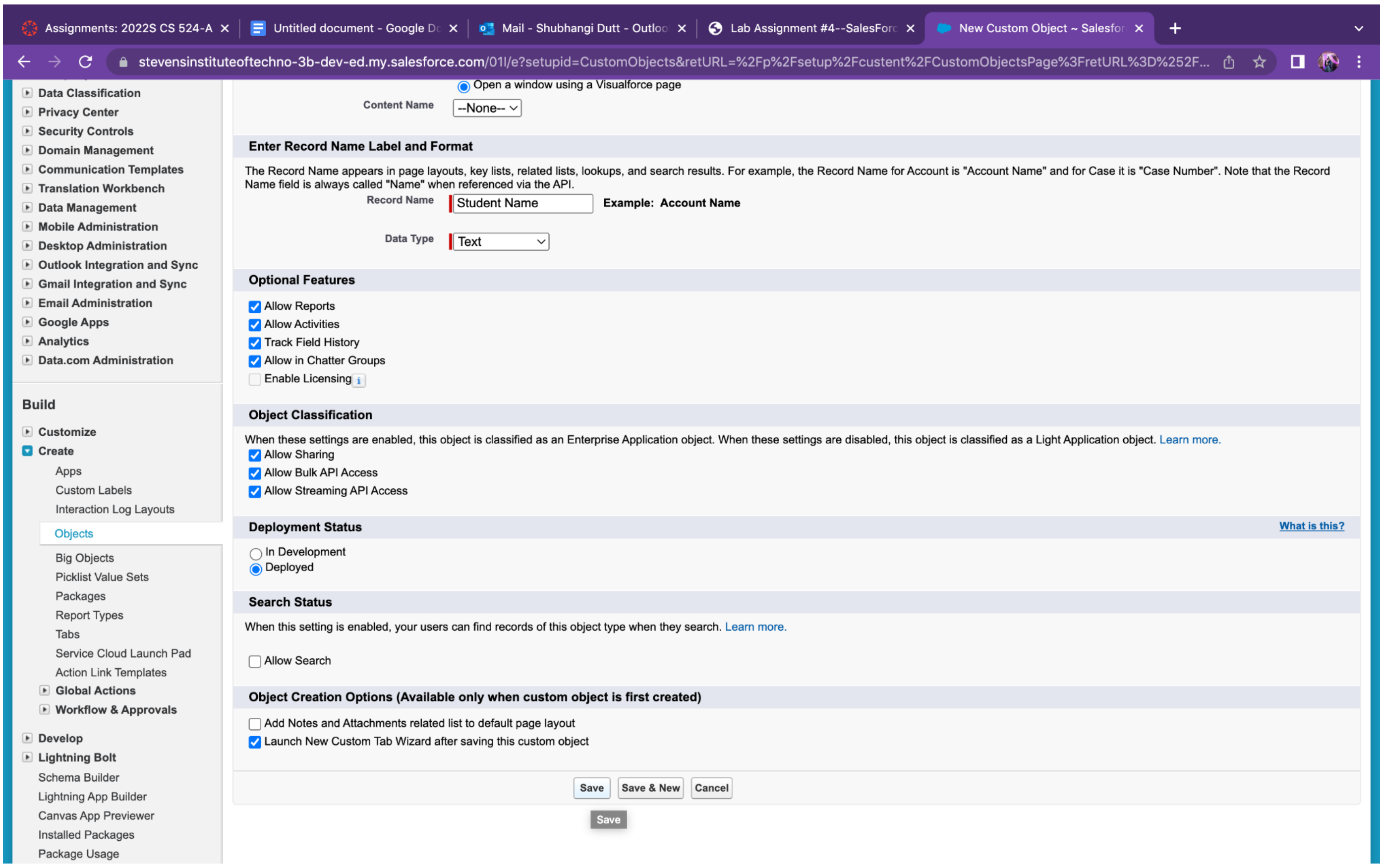
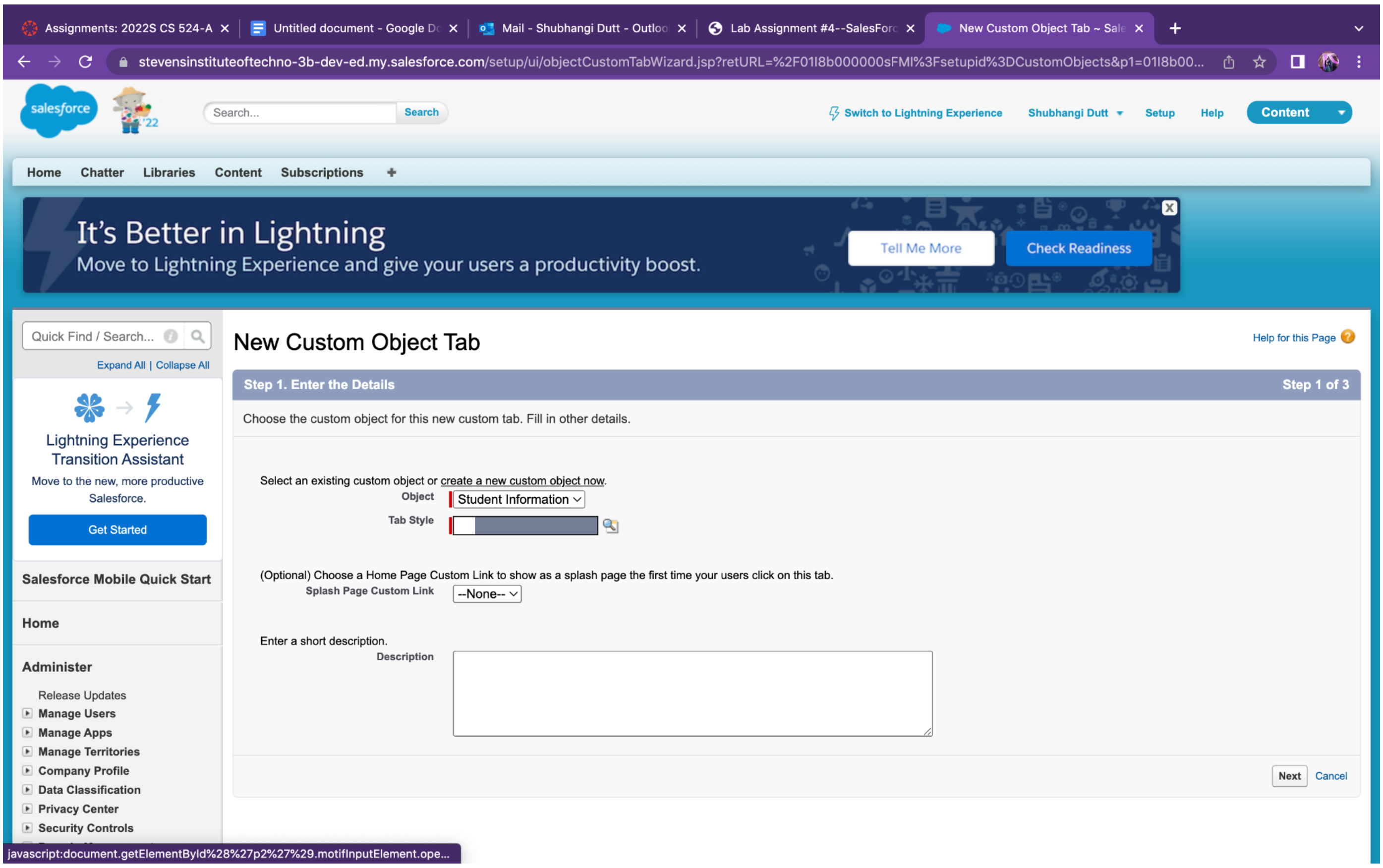


Step 5) I landed on the ‘New Custom Object Tab’ page. I clicked on ‘Tab Style’.



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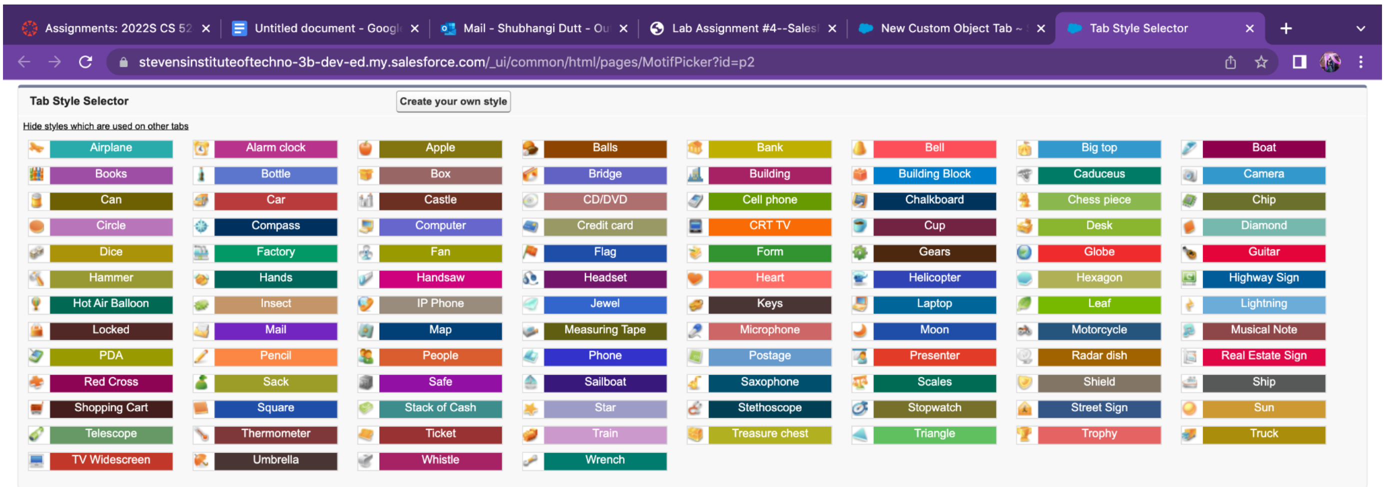
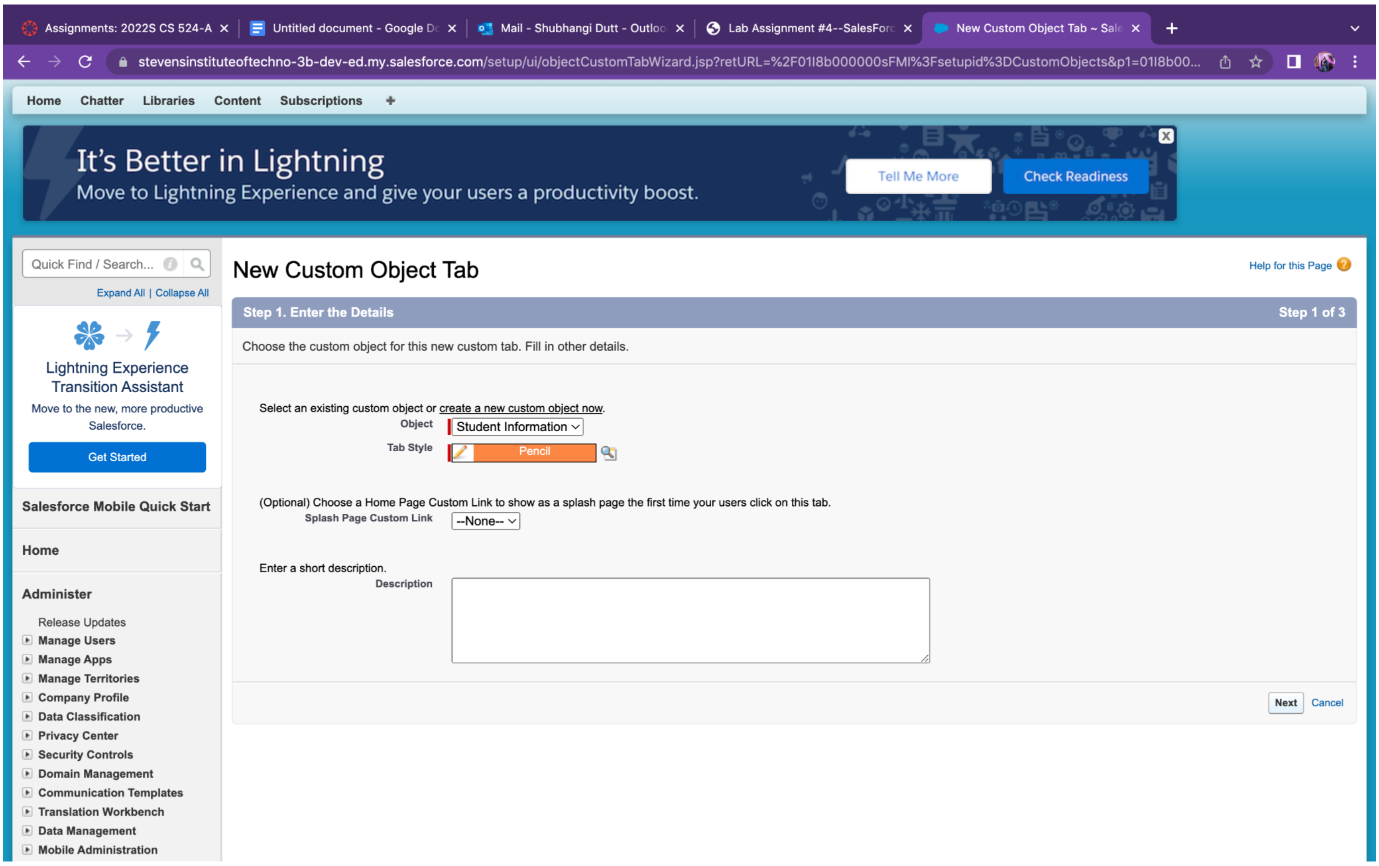
Step 6) I selected the ‘Pencil style’.



Step 7) I clicked on next option.



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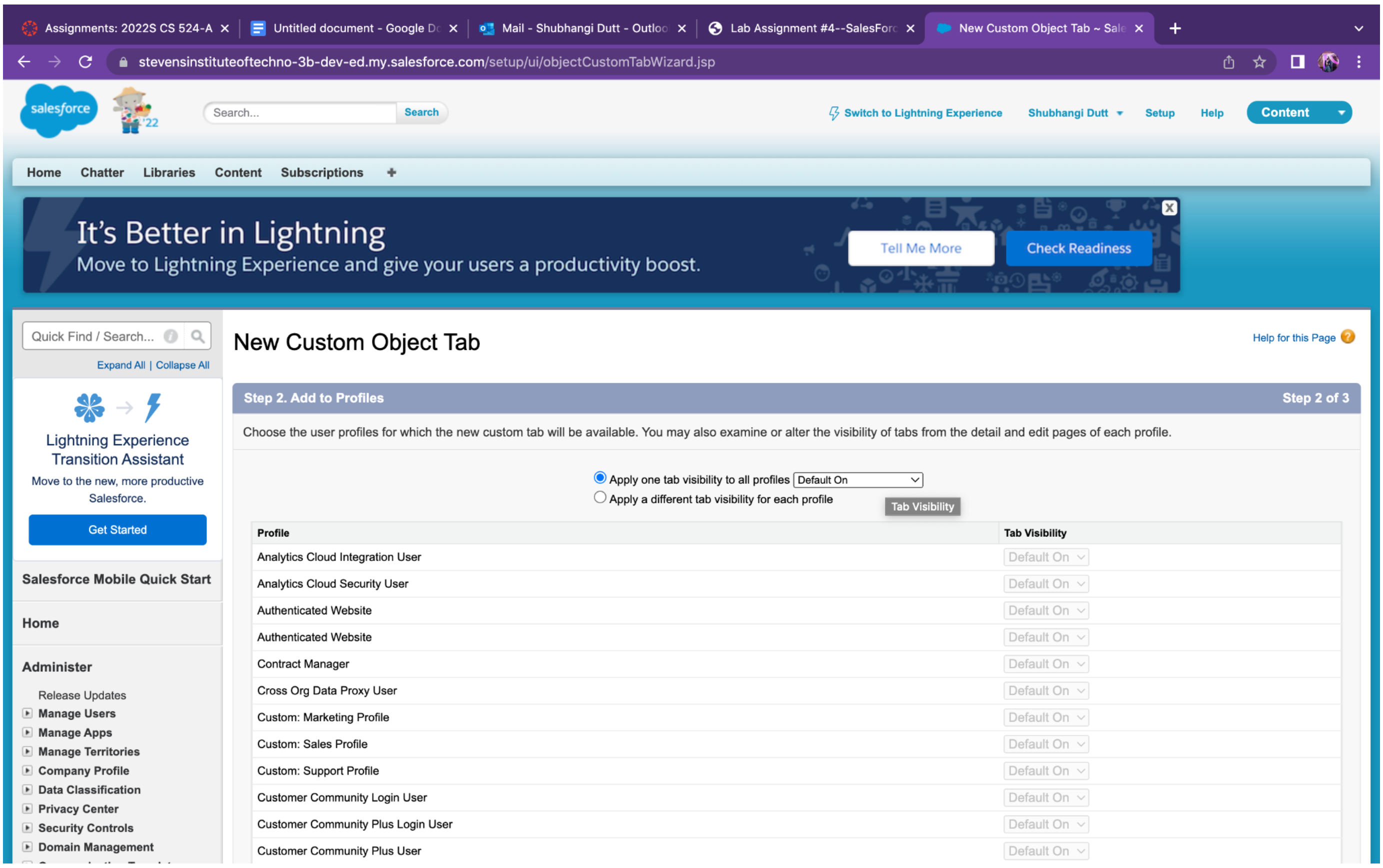
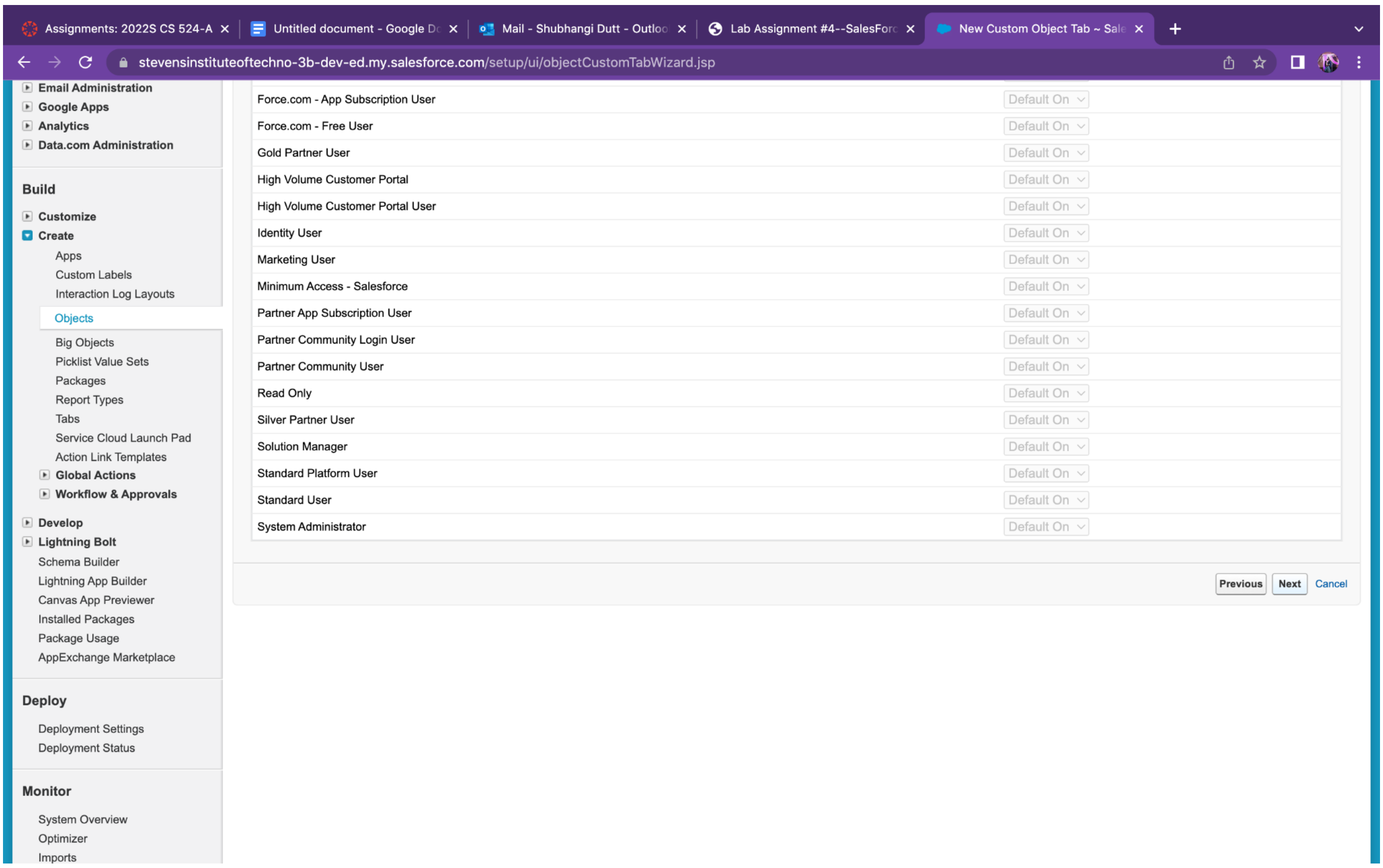
Step 8) I selected 'Apply one tab visibility to all profile'.



Step 9) I clicked on Next.



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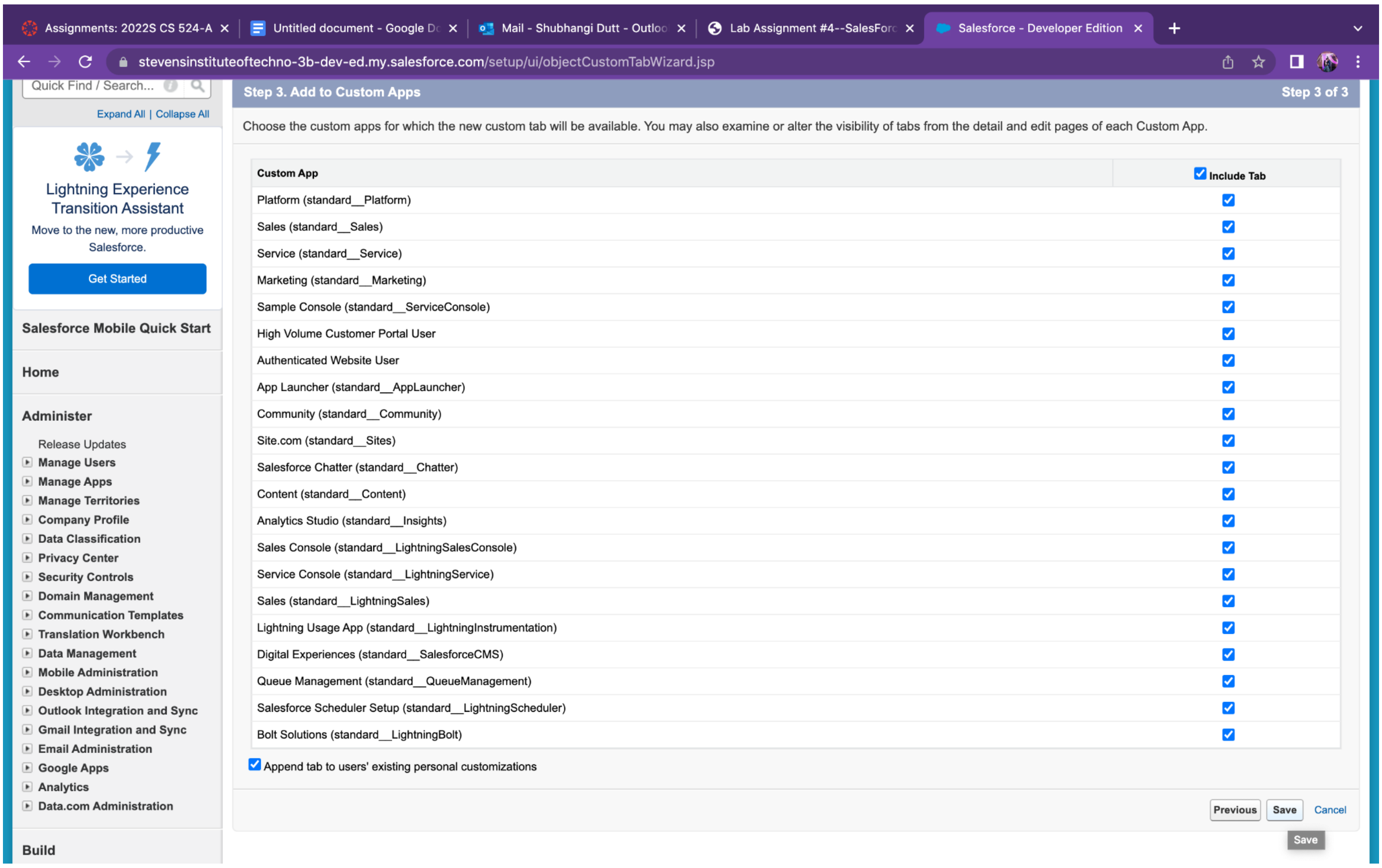
Step 10) I clicked on ‘Save’.



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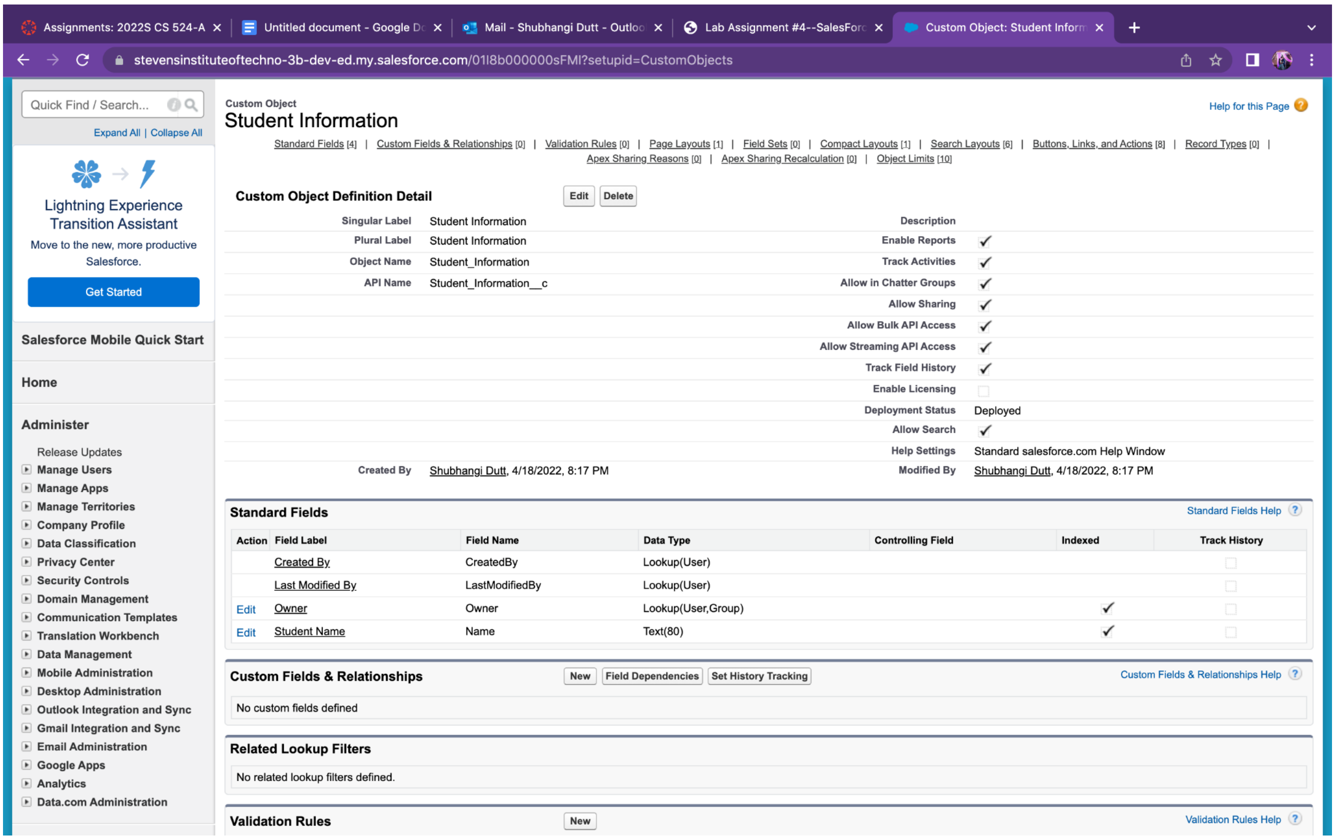
Part II: <u>Creating Custom Fields</u>

Step 1) I landed on the Custom Object Configuration Page and scrolled down to 'Custom Fields and Relationships. I selected the 'New' option.



Step 2)I created the first custom field by selecting the following :-
Department: Field Type: Text Area Long
Field Label: Department Field Name: Department
Visible: Checked
Add to page layouts: Student Information Layout Checked

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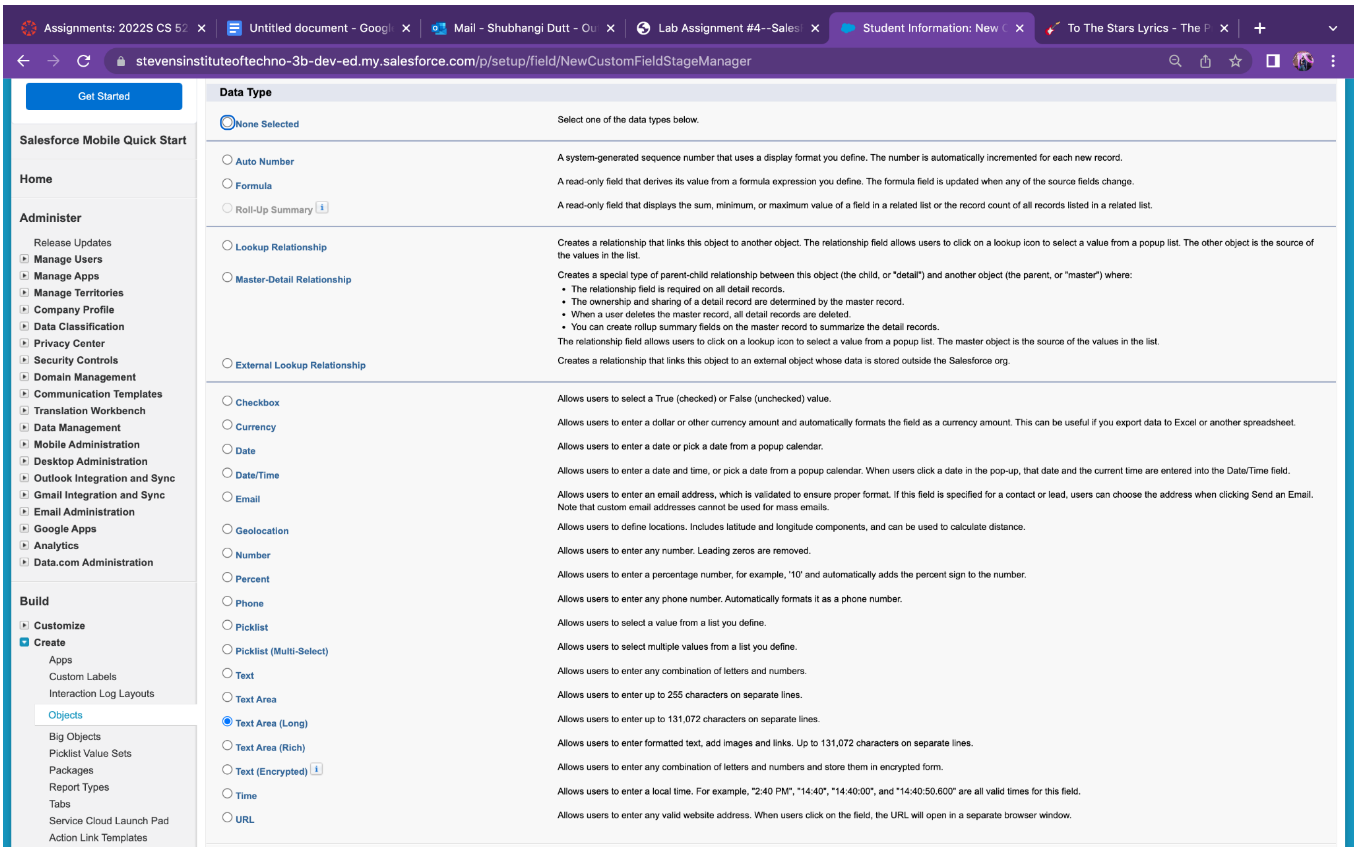

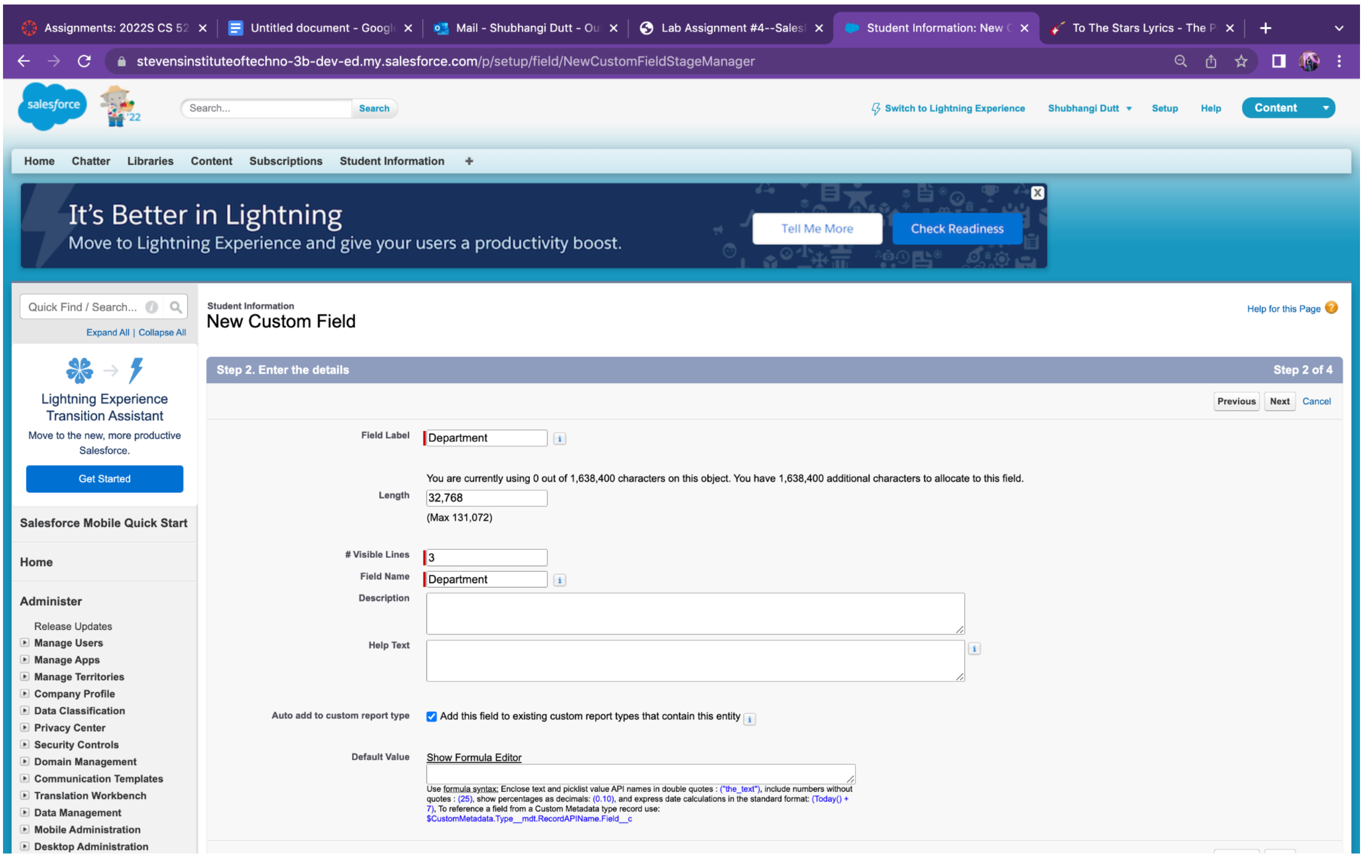

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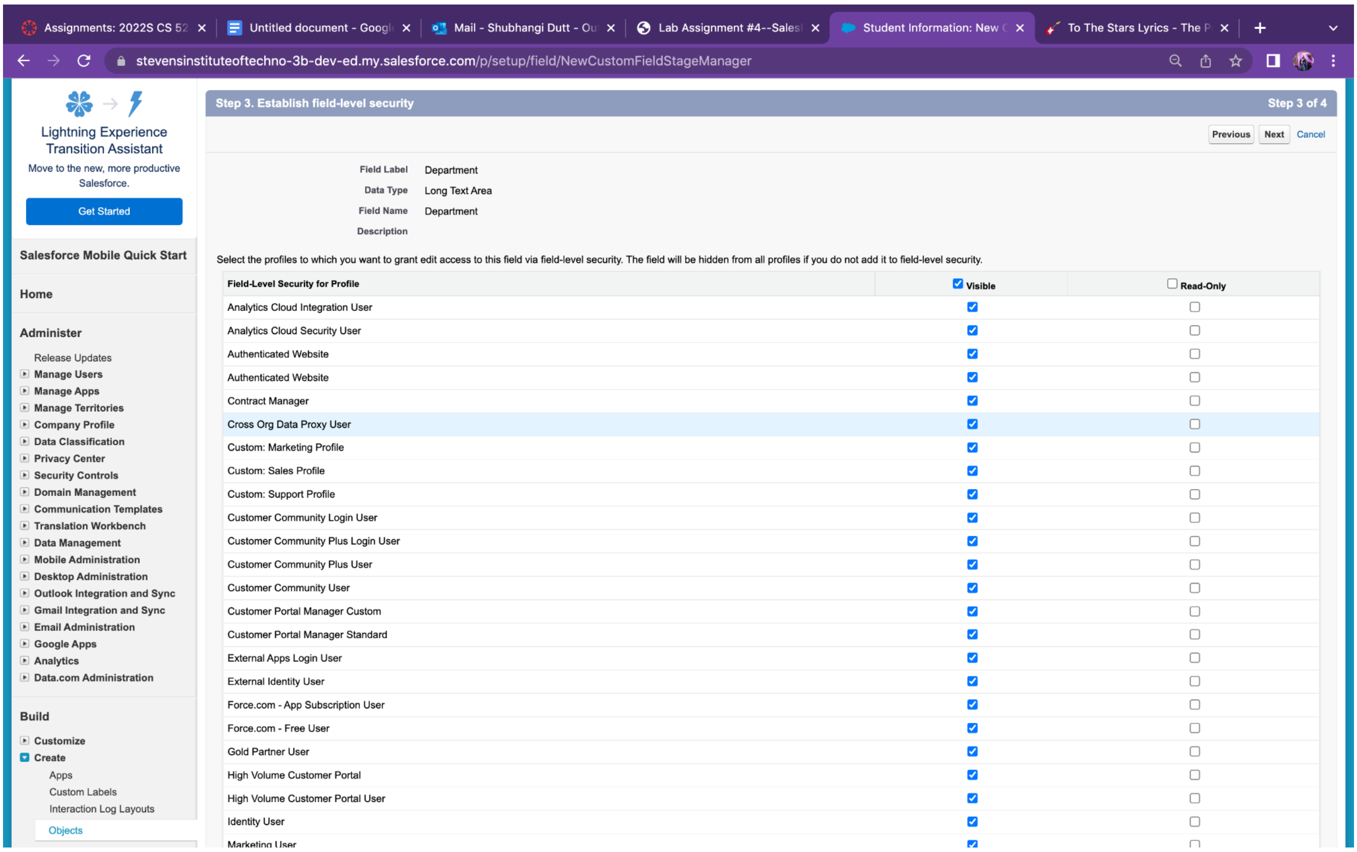

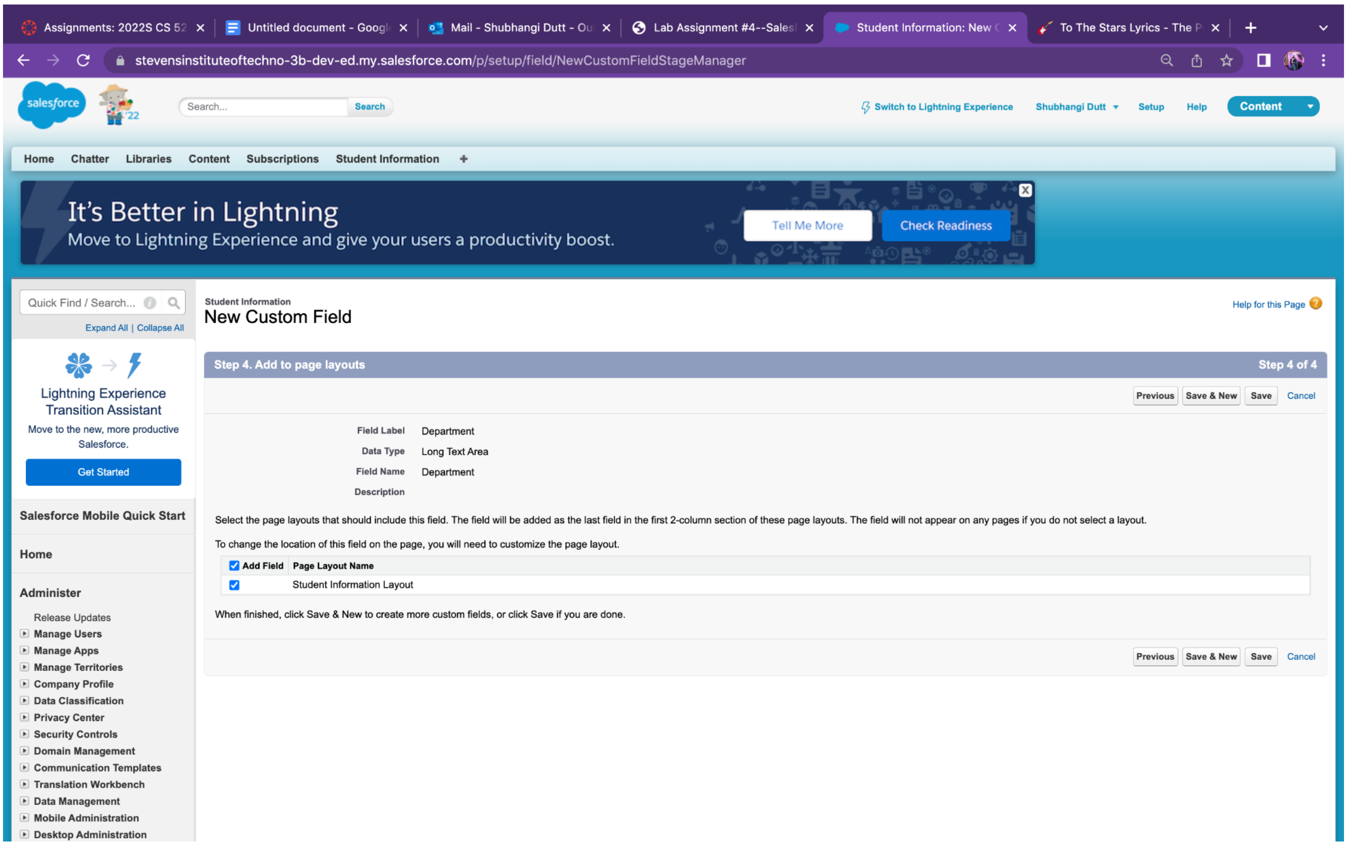

I clicked on 'Save and new'.

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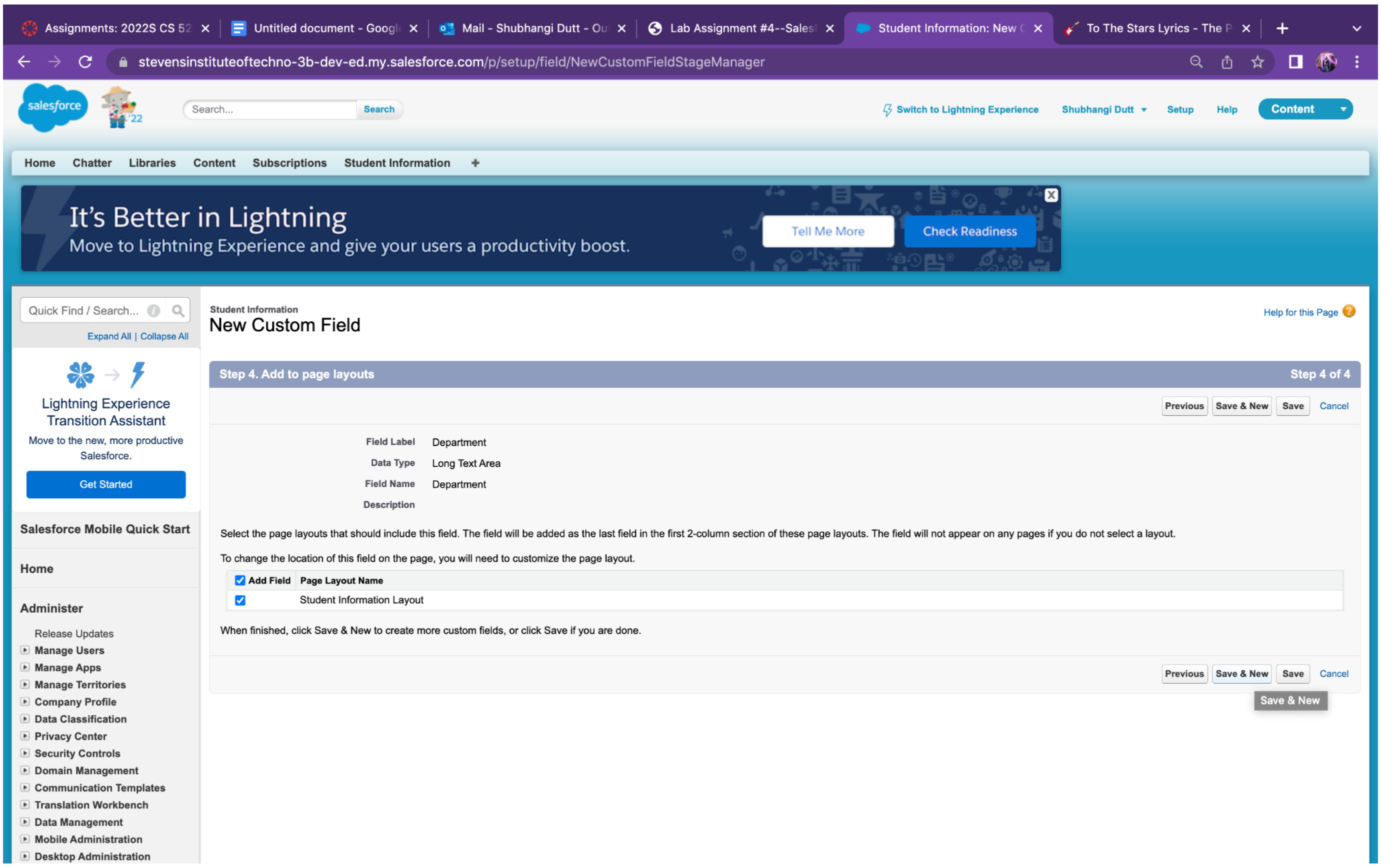

Step 3)I created the second custom field by selecting the following :-
Field Type: Text Area Long
Field Label: CWID
Field Name: CWID
Visible: Checked
Add to page layouts: Student Information Layout Checked

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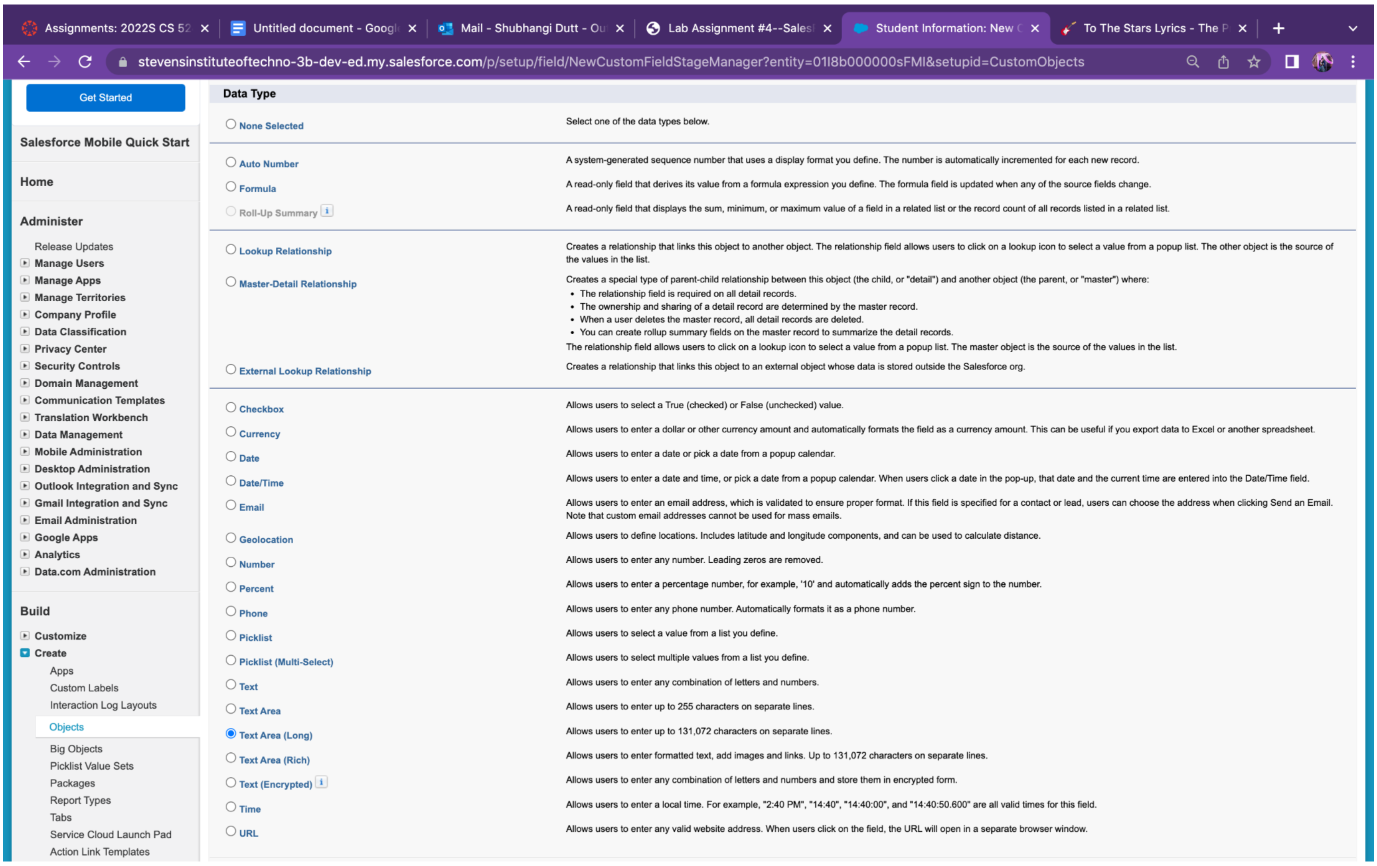

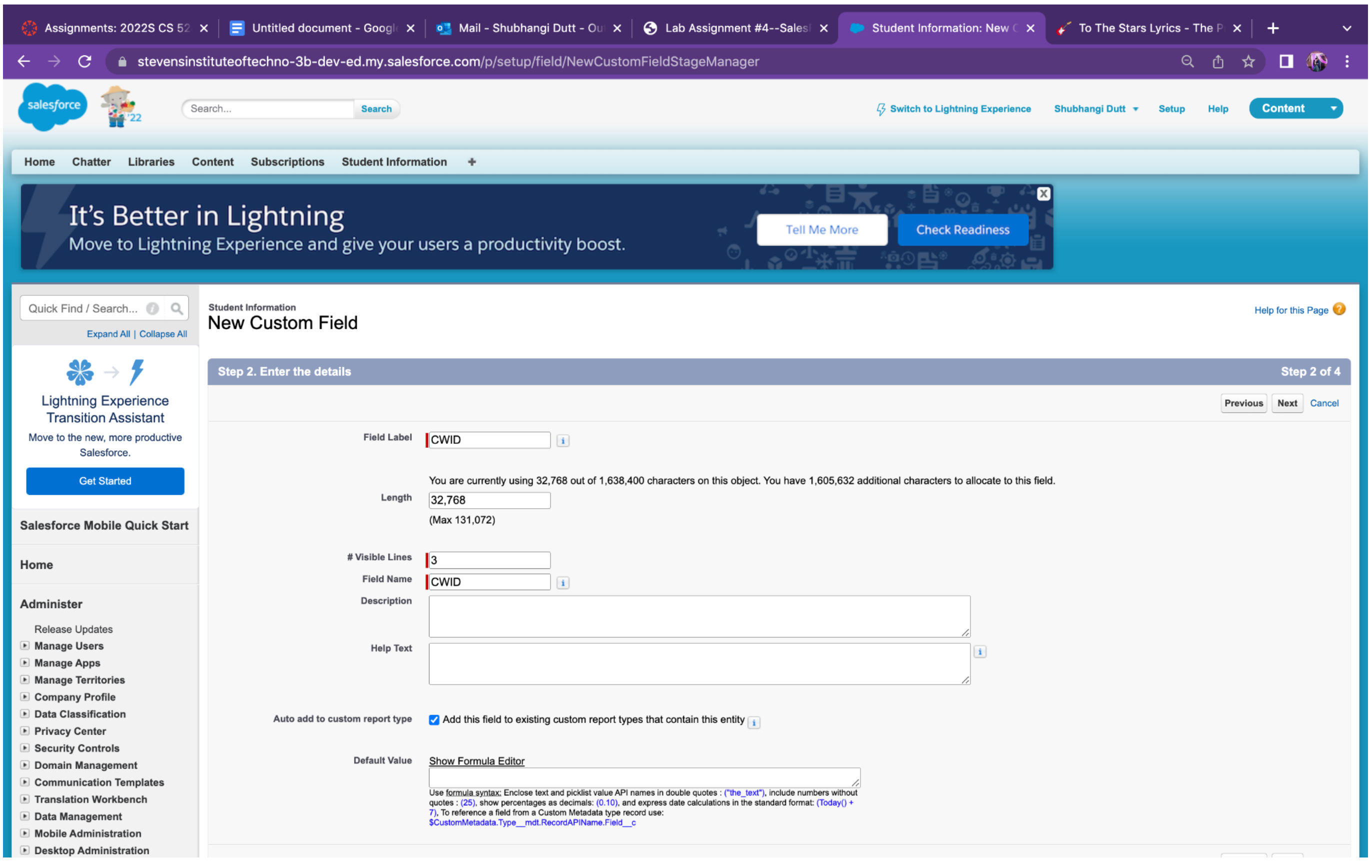

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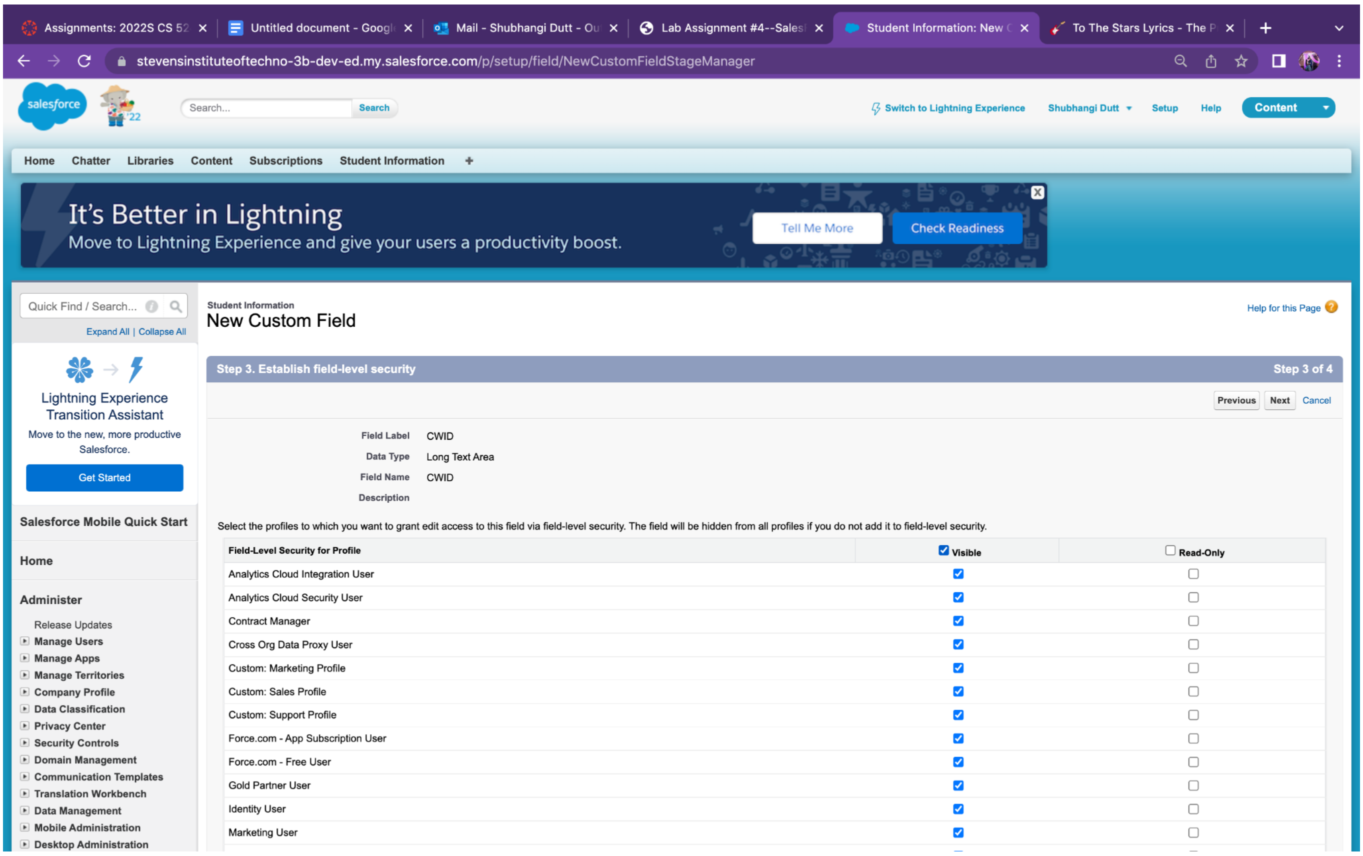
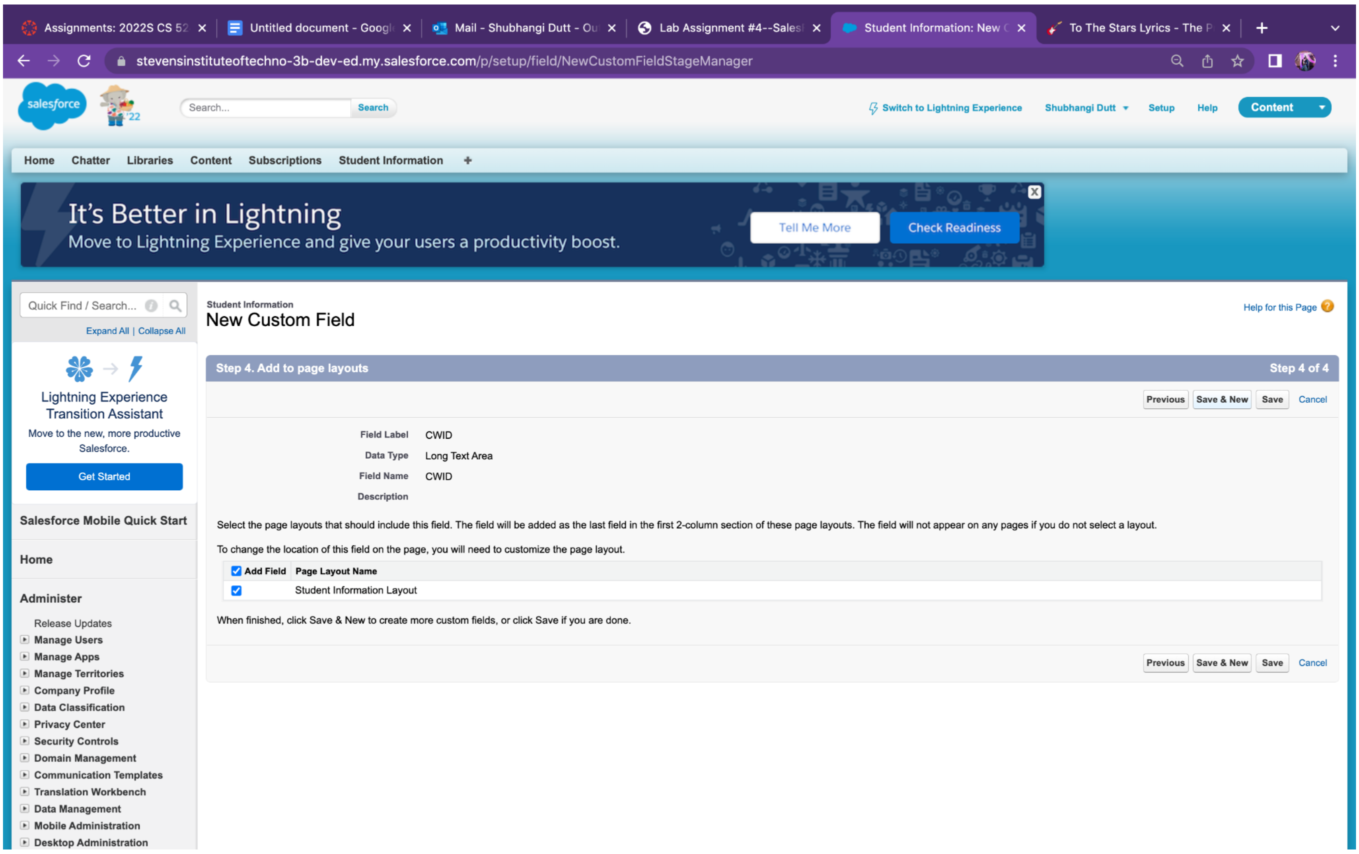


I clicked on 'Save and New'



Step 3) I created the third custom field as follows:-

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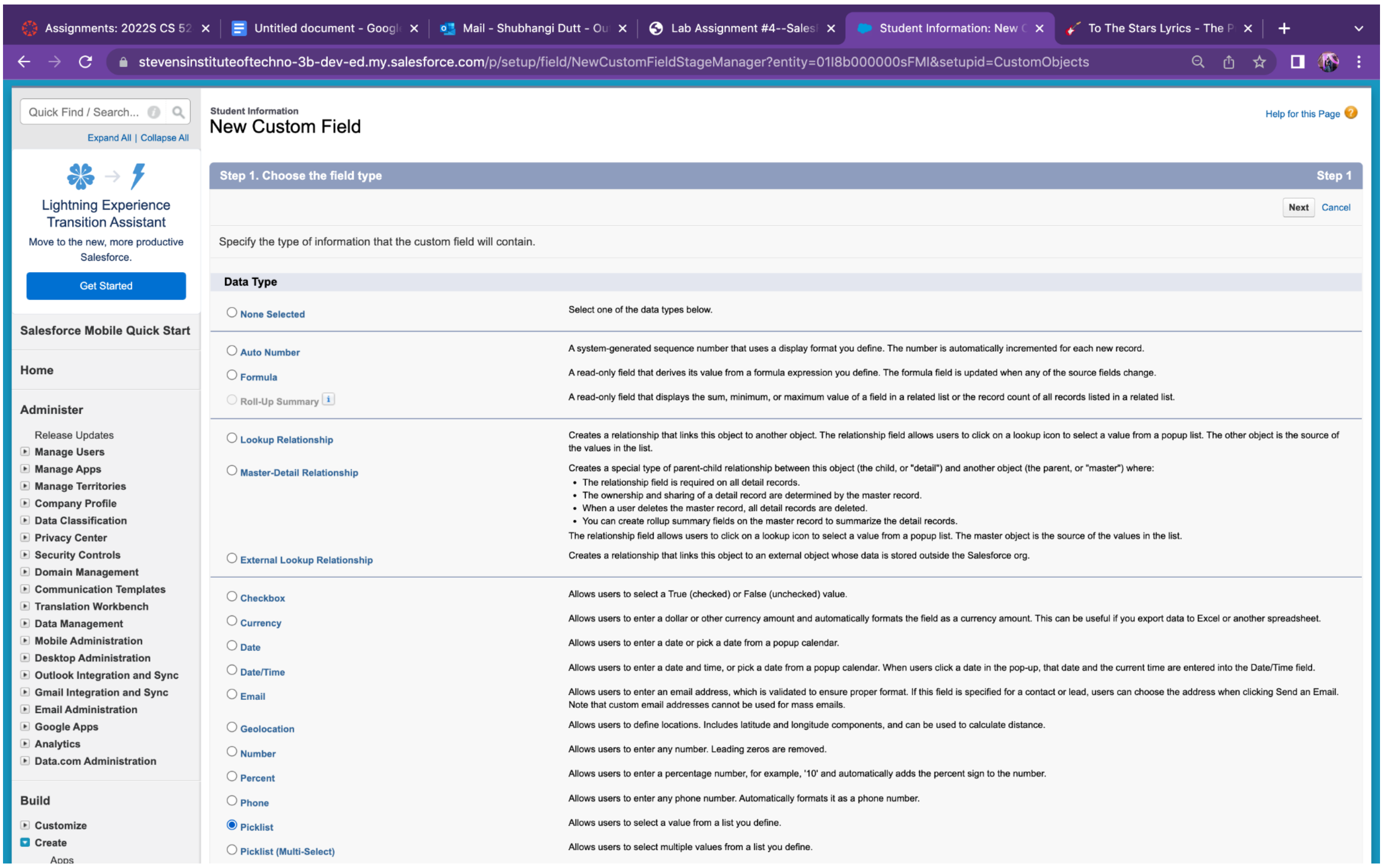
Field Type: Picklist
Field Label: Semester Values: Fall, Spring, Summer
Field Name: Semester
Visible: Checked
Add to page layouts: Student Information Layout Checked



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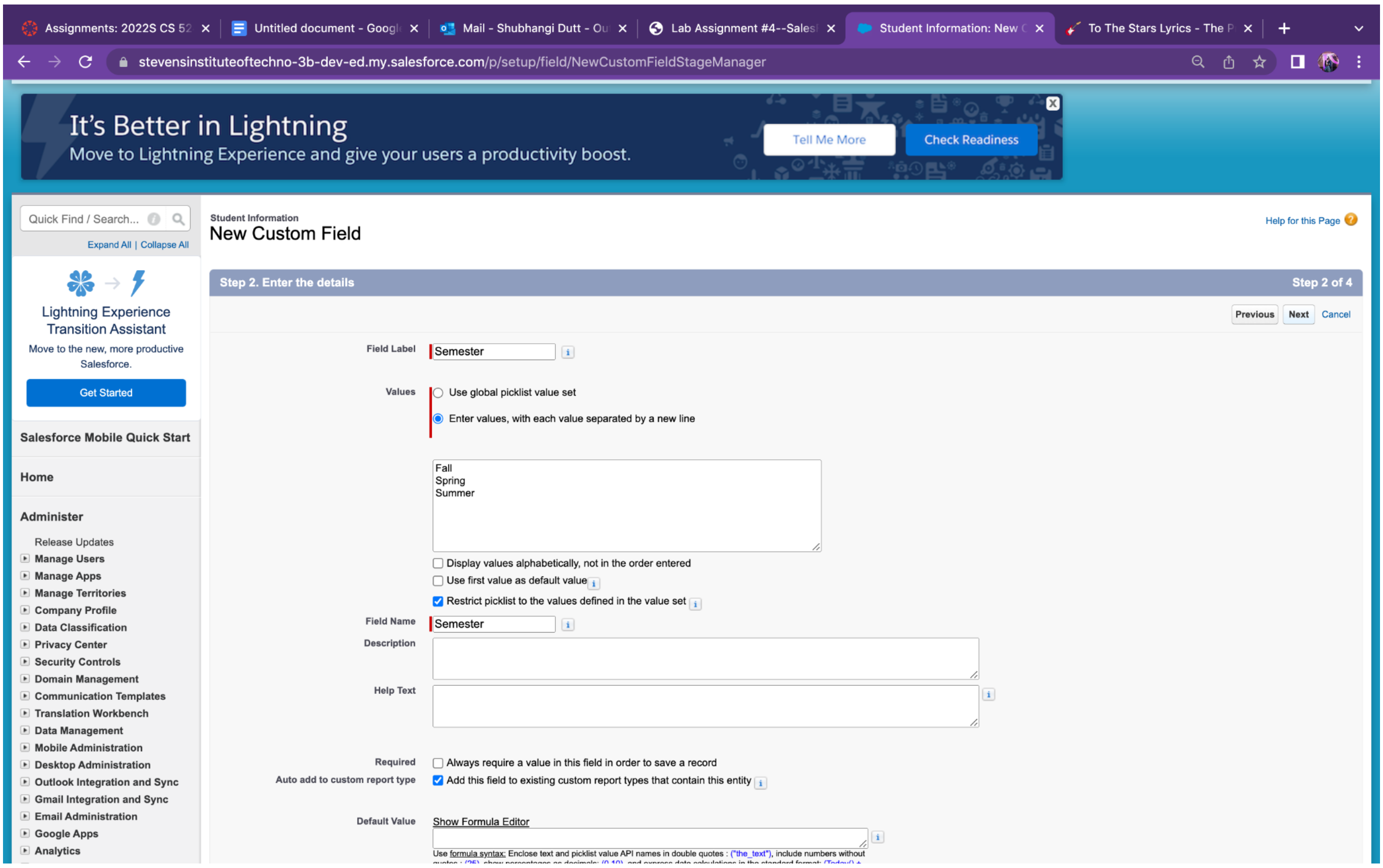

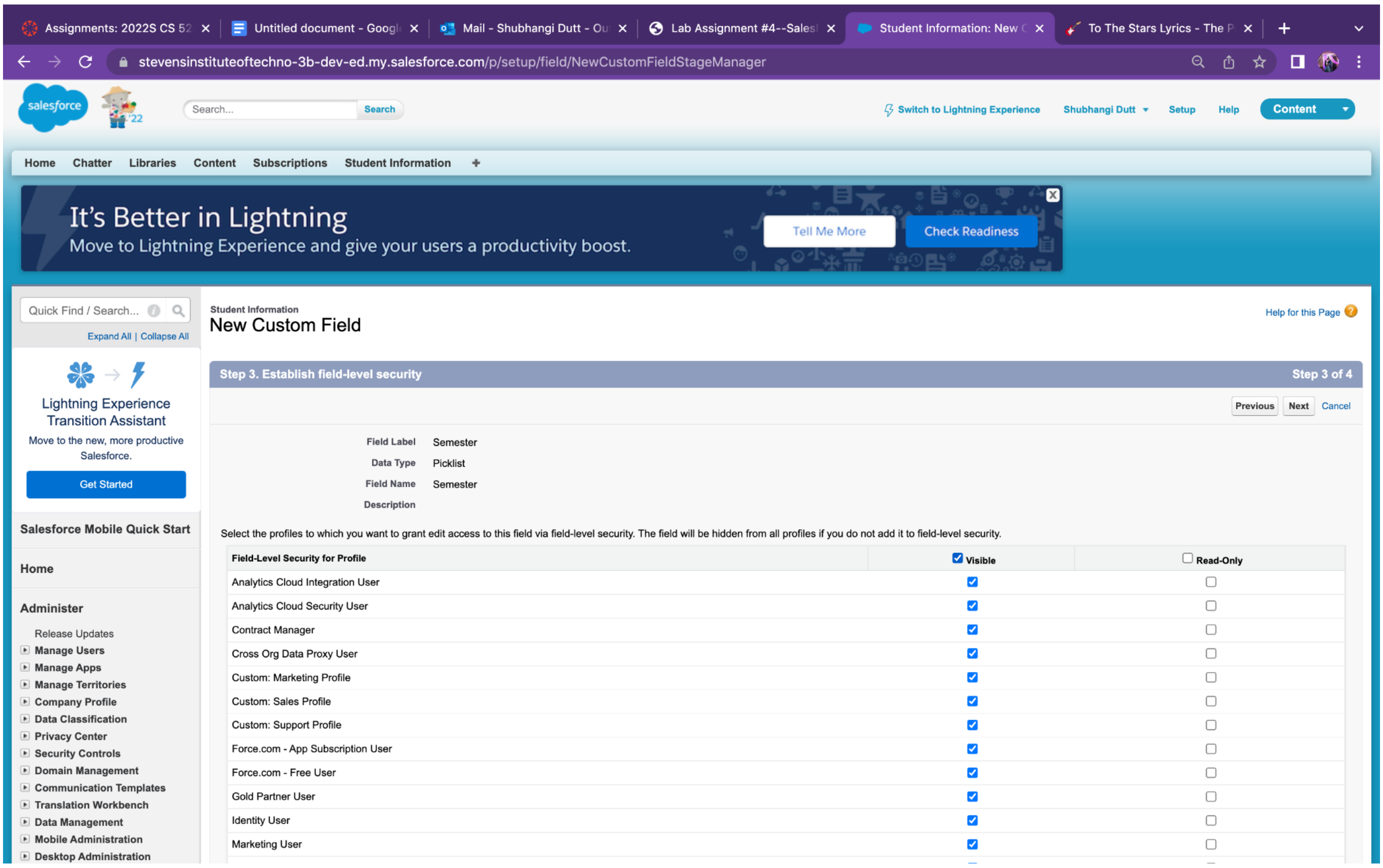

I clicked on 'save and new' option

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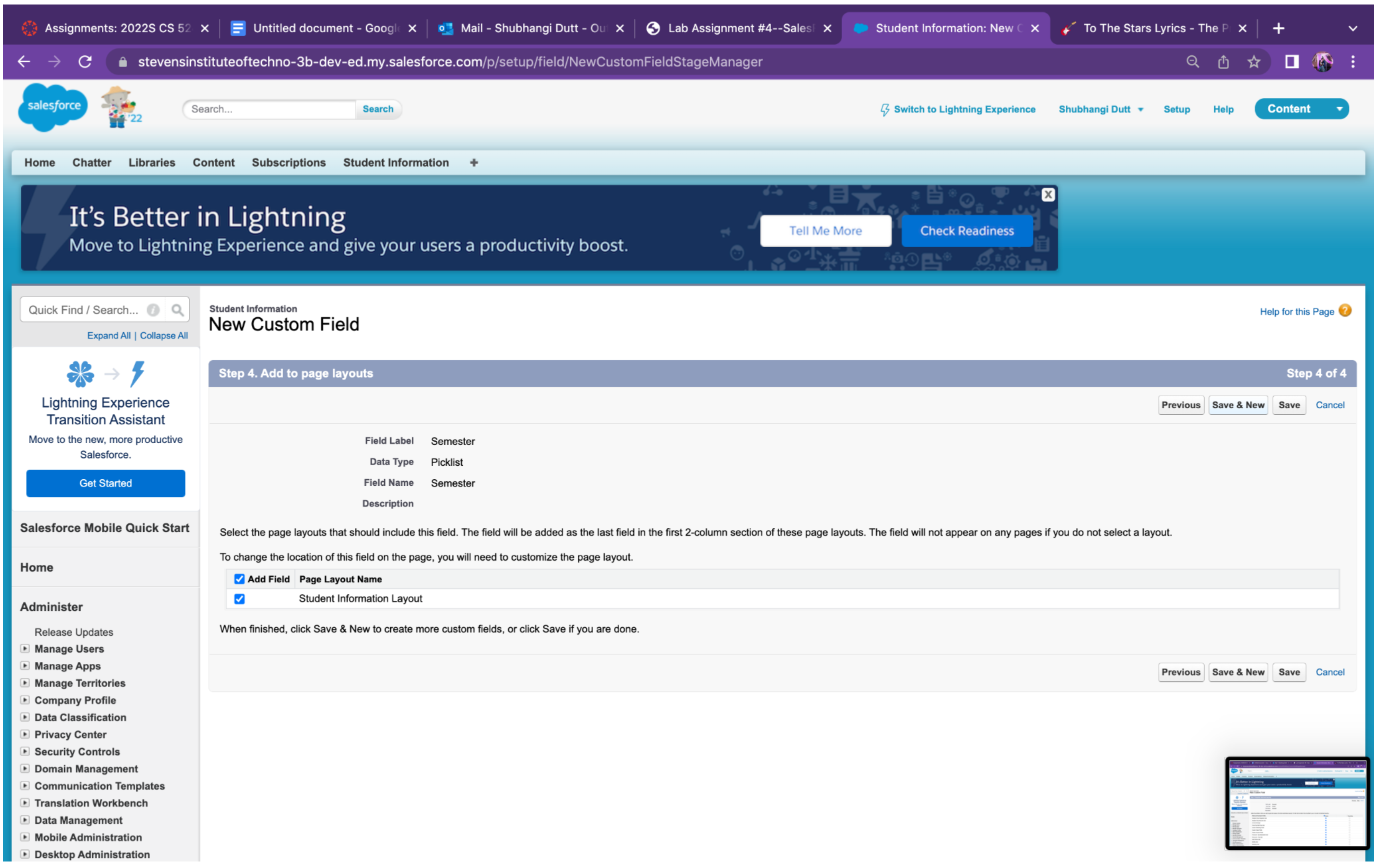

Step 4)I created the fourth custom field as follows:-
Field Type: Date
Field Label: Date of Joining
Field Name: Date of Joining
Visible: Checked
Add to page layouts: Student Information Layout Checked

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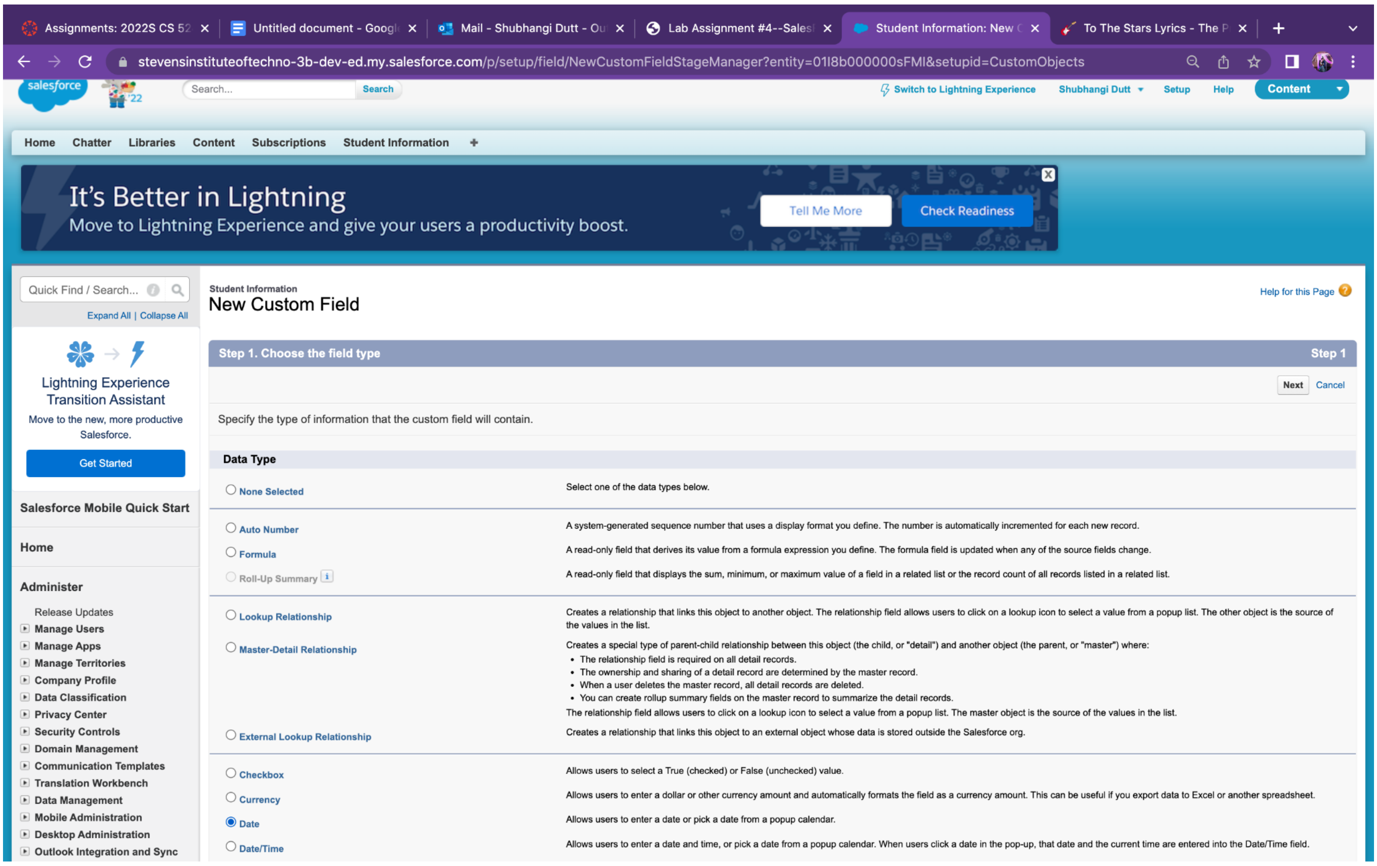

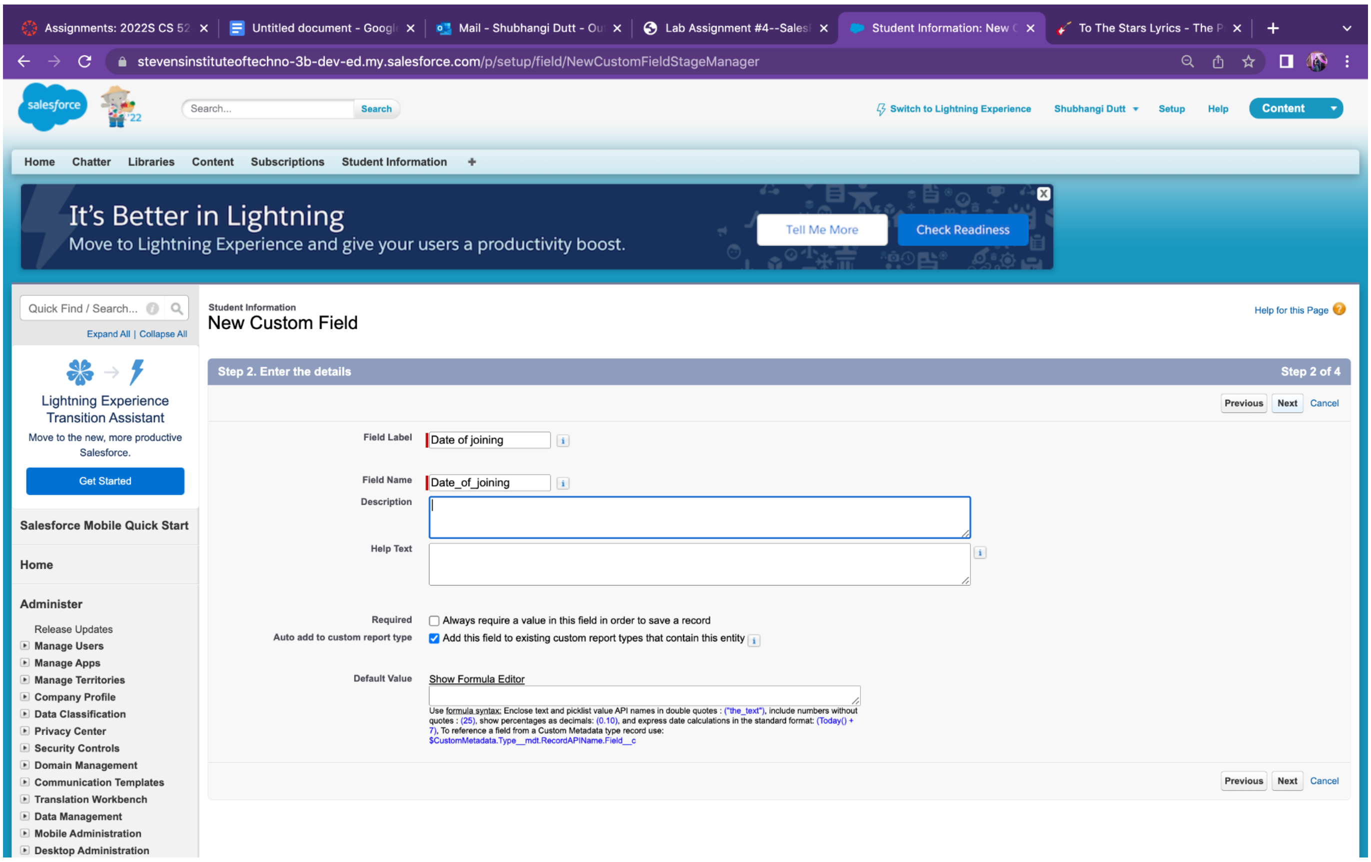

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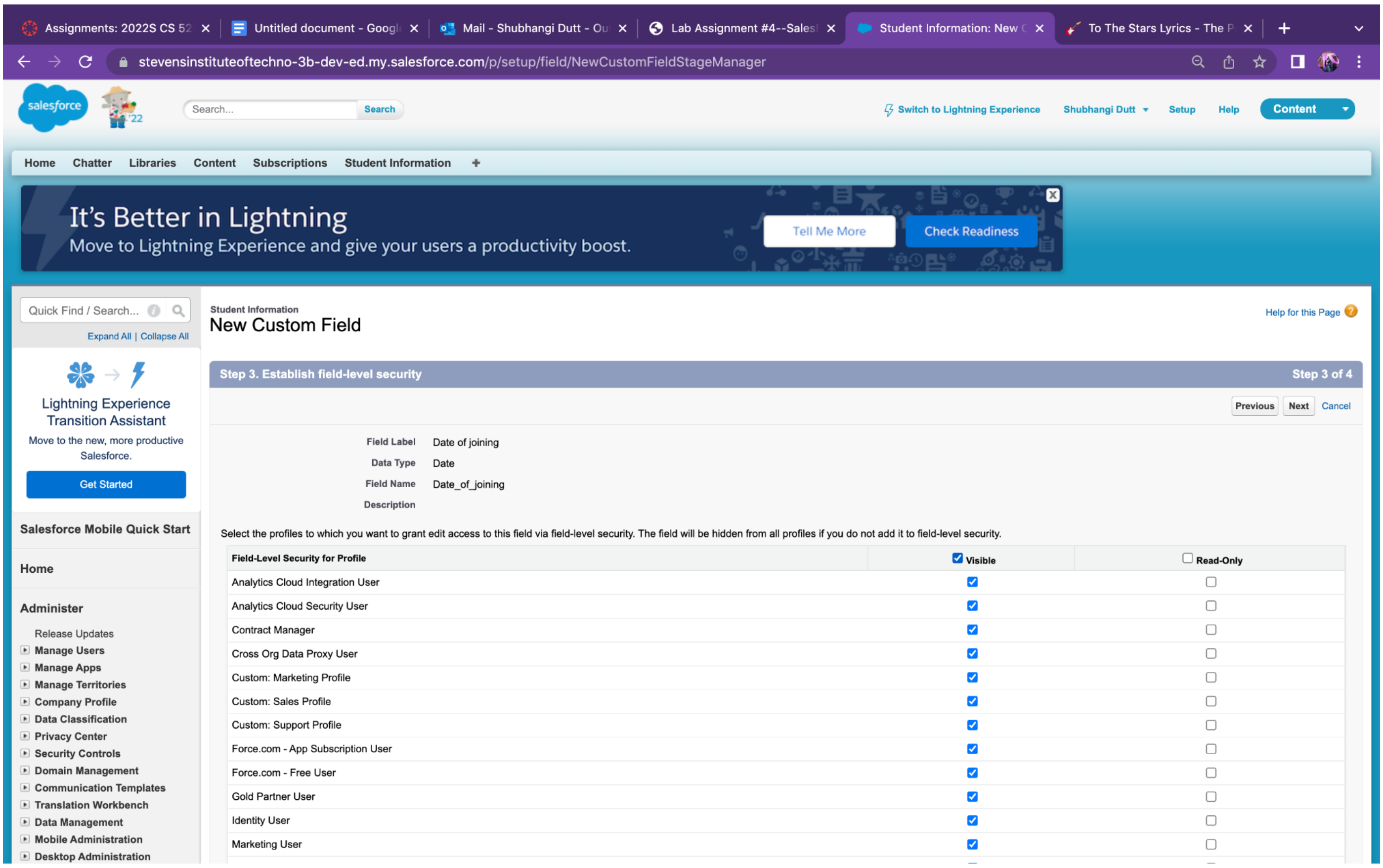
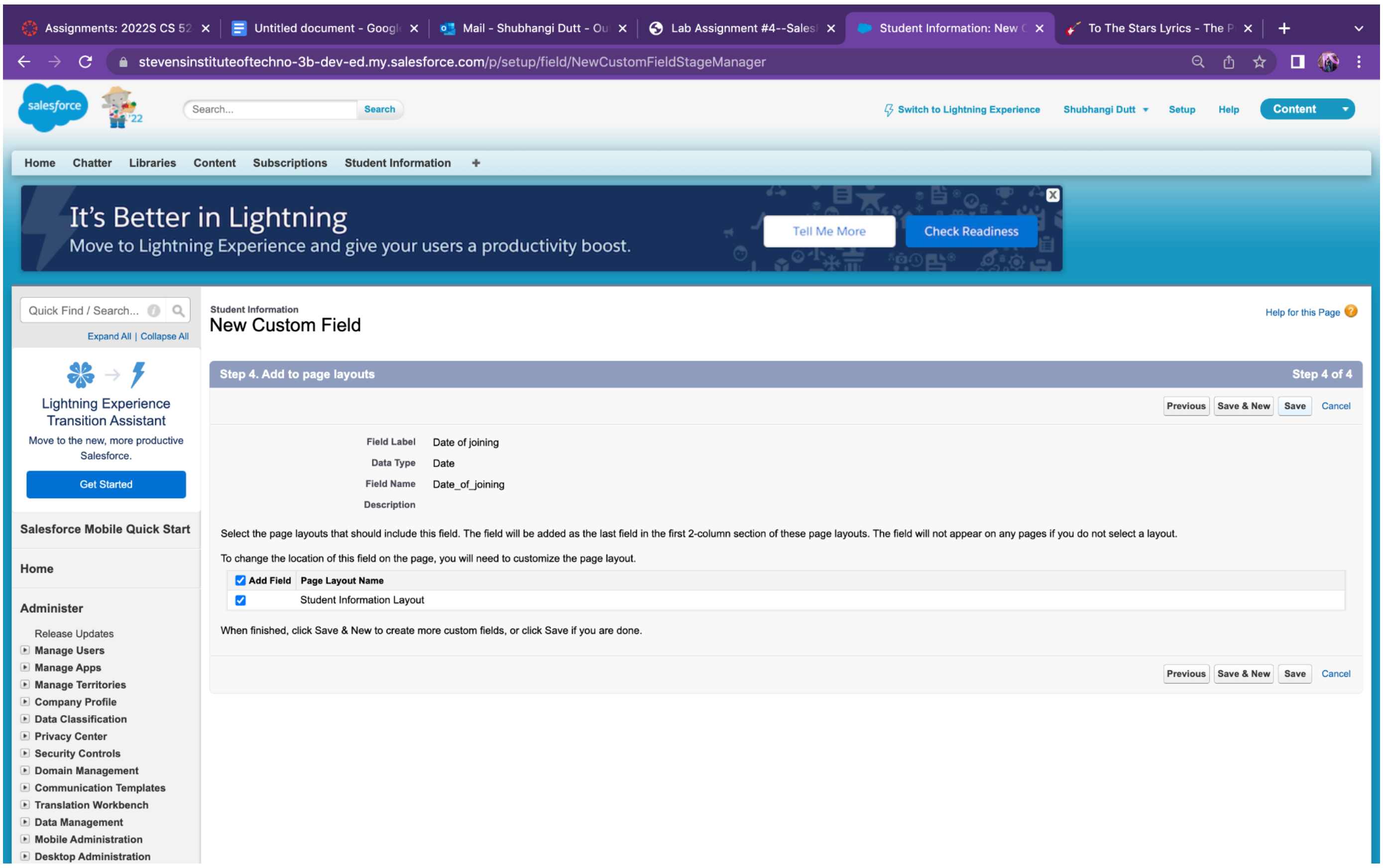


I clicked on 'Save' option.



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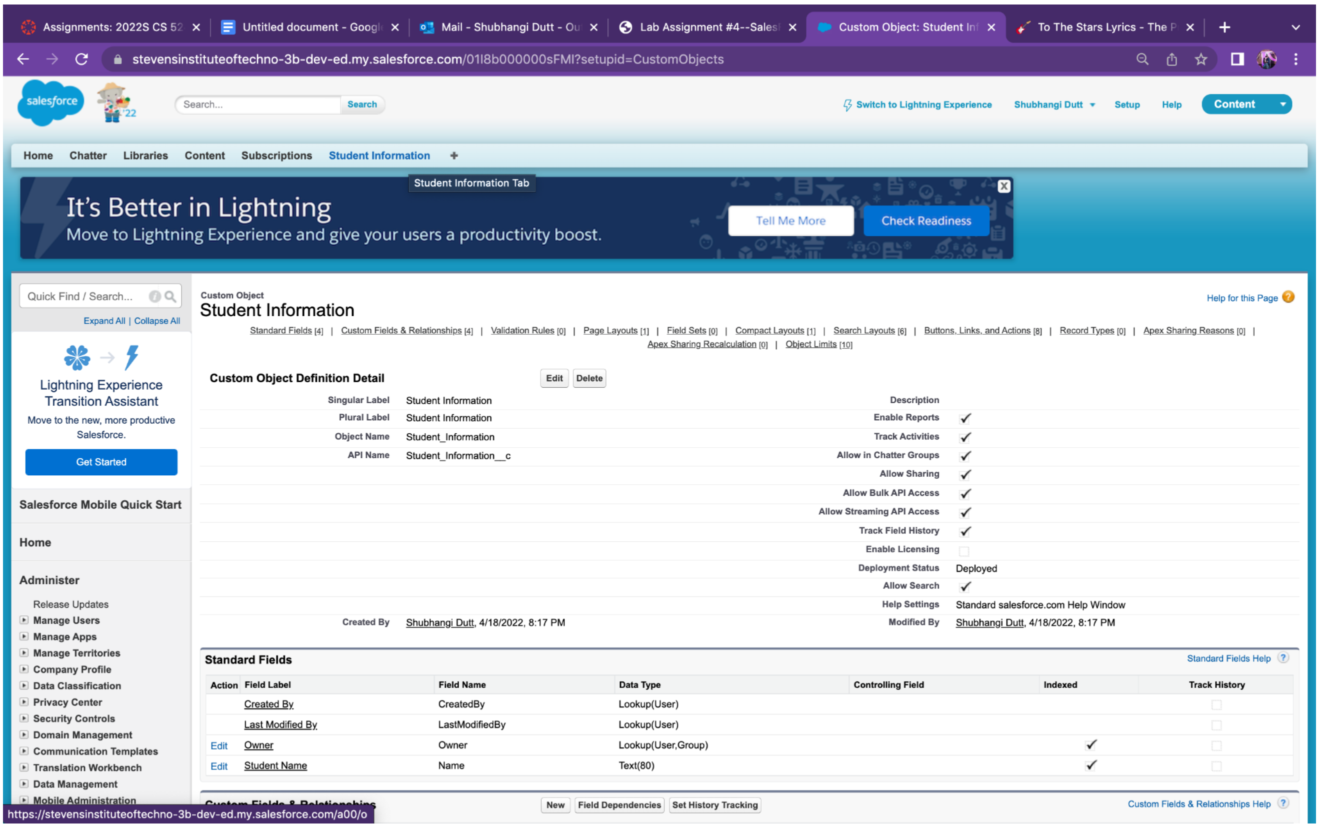
D) Creating record on Custom Object

Step 1) I clicked on the 'Student Information' tab in the tabs bar.



Step 2) I landed on the student information page. I selected the 'New' option to create a record.

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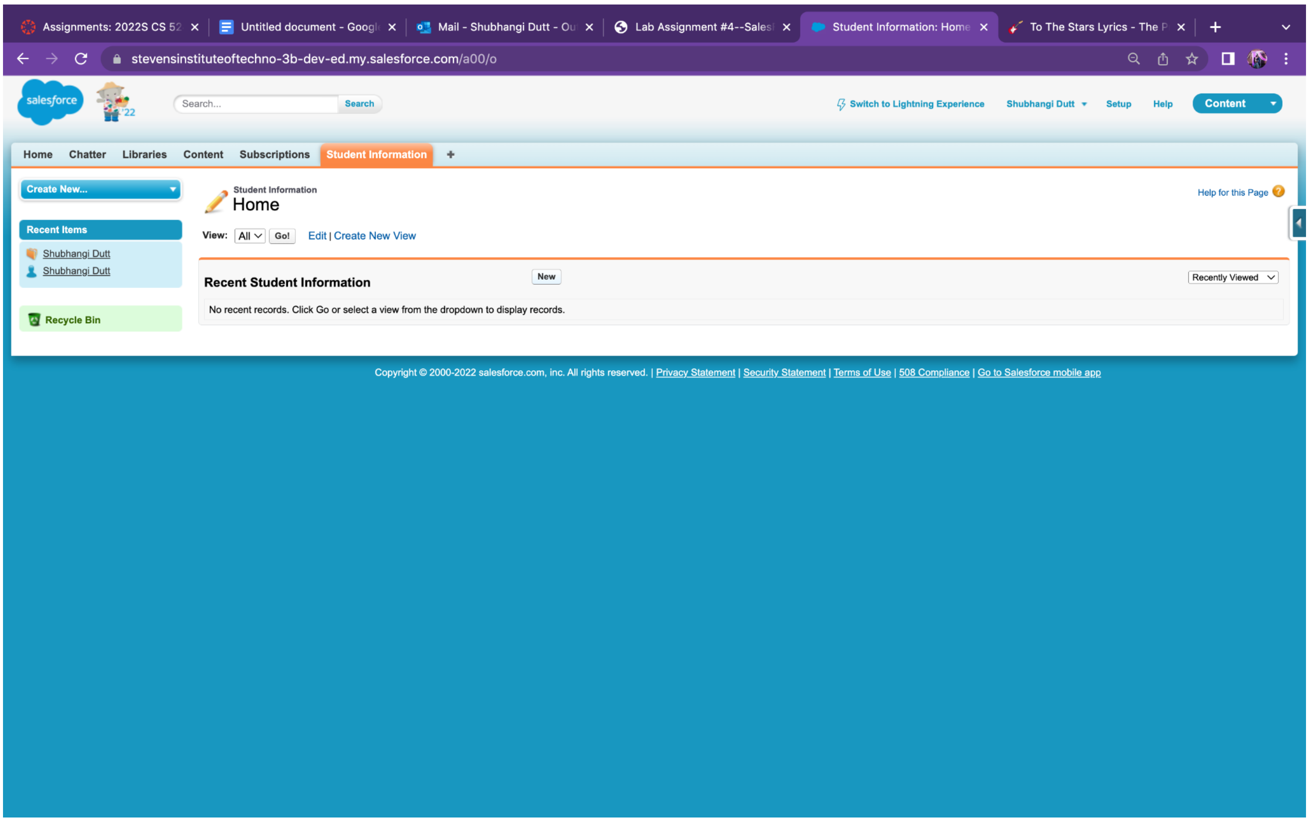
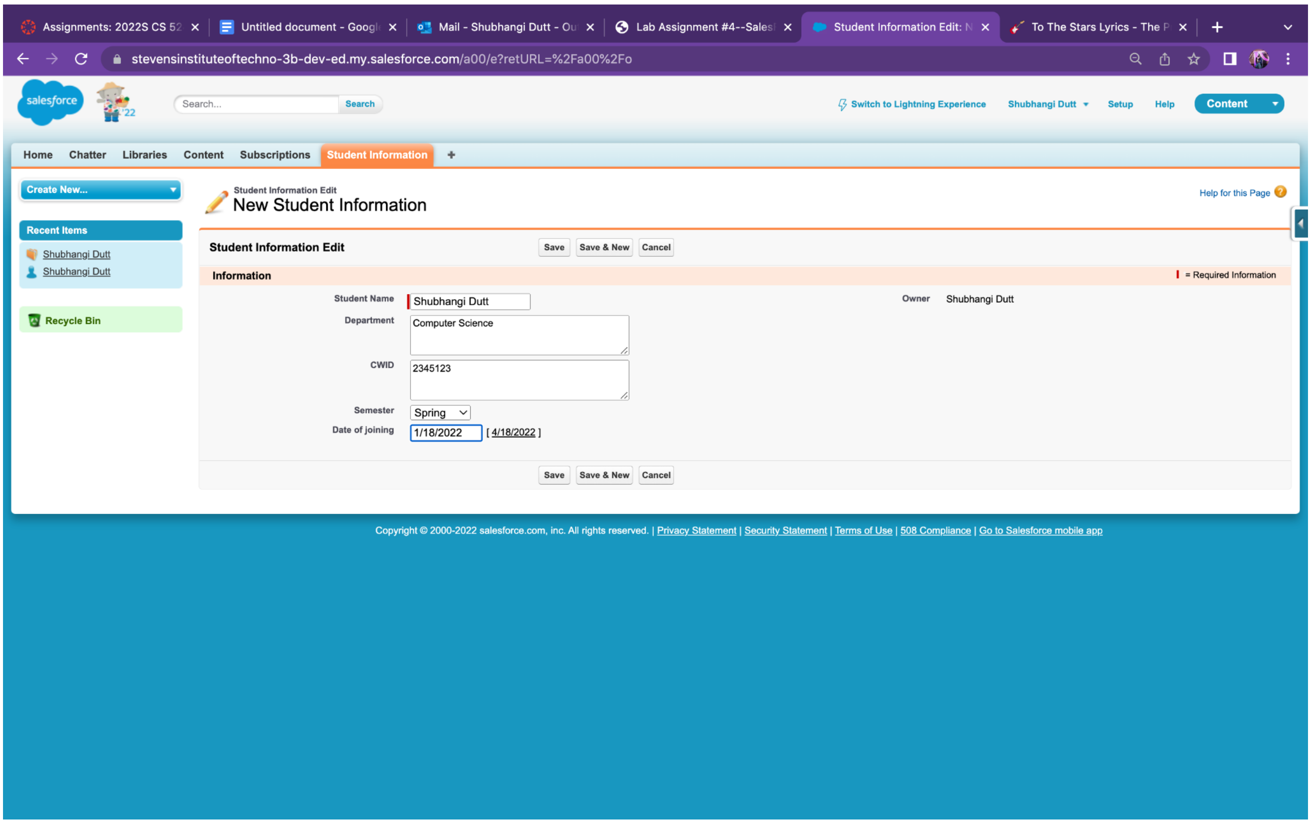


Step 3) I entered my information and clicked on ‘save’.



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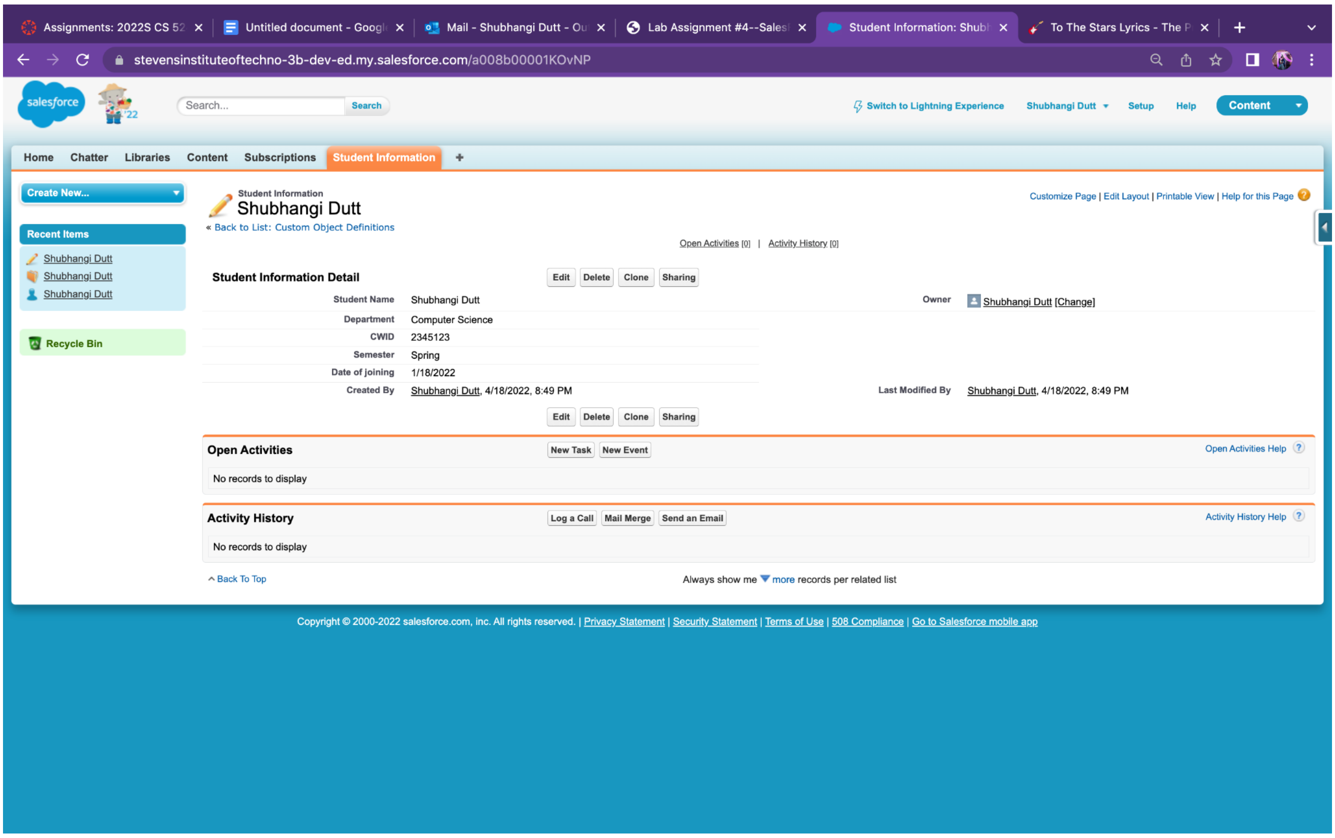
Step 4) My information was saved and was reflected in the records.



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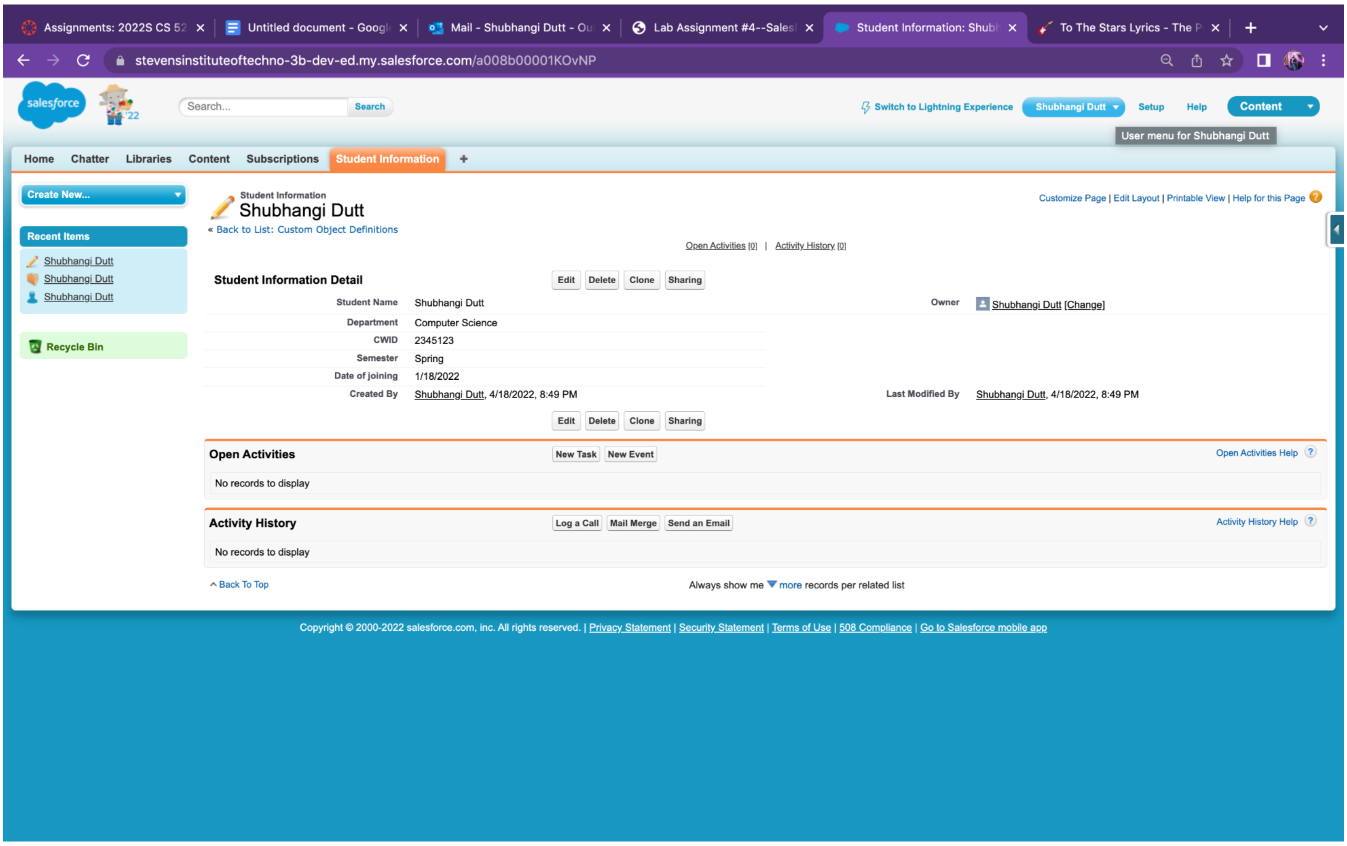
E) Retrieving the created records using SOQL

Step 1) I went on the 'User menu'.



Step 2) I selected the developer console from the drop down list.

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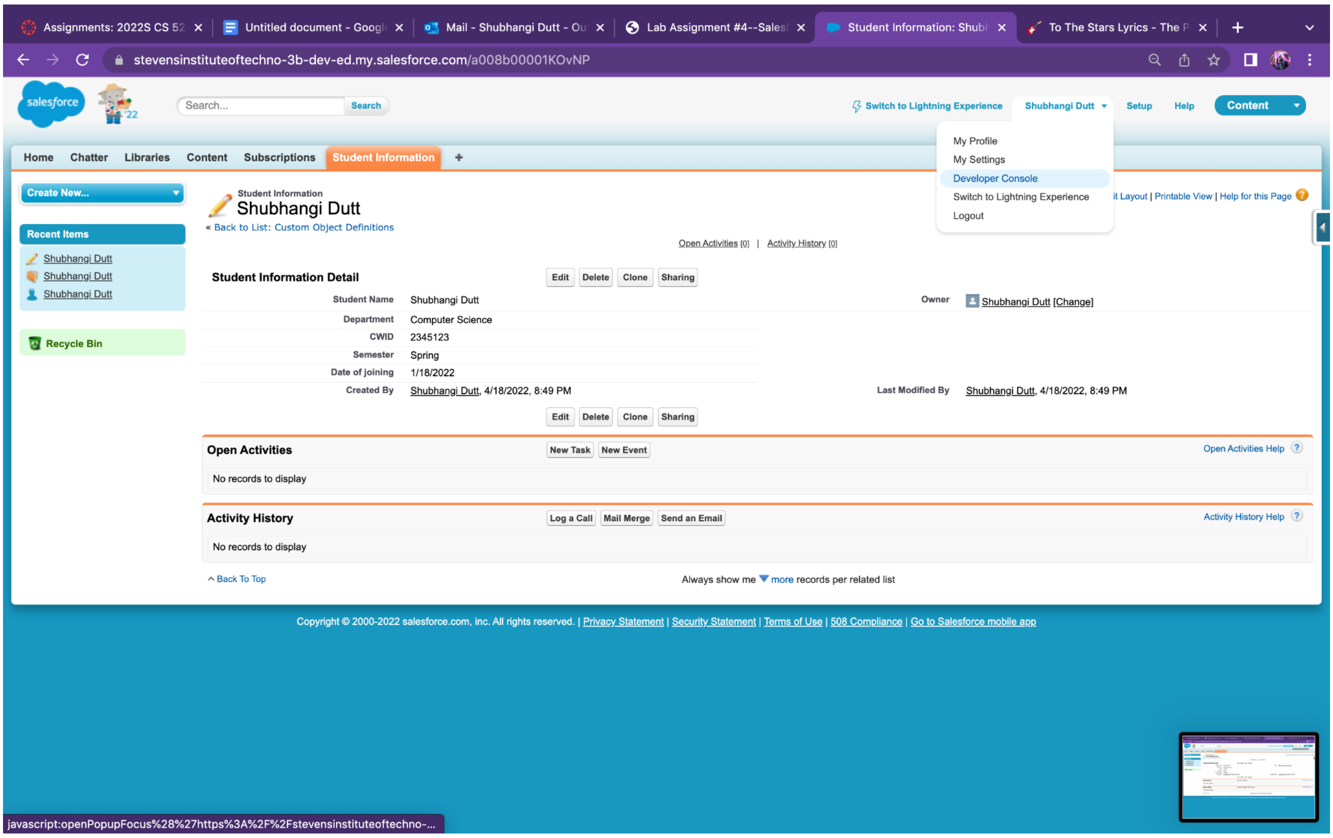
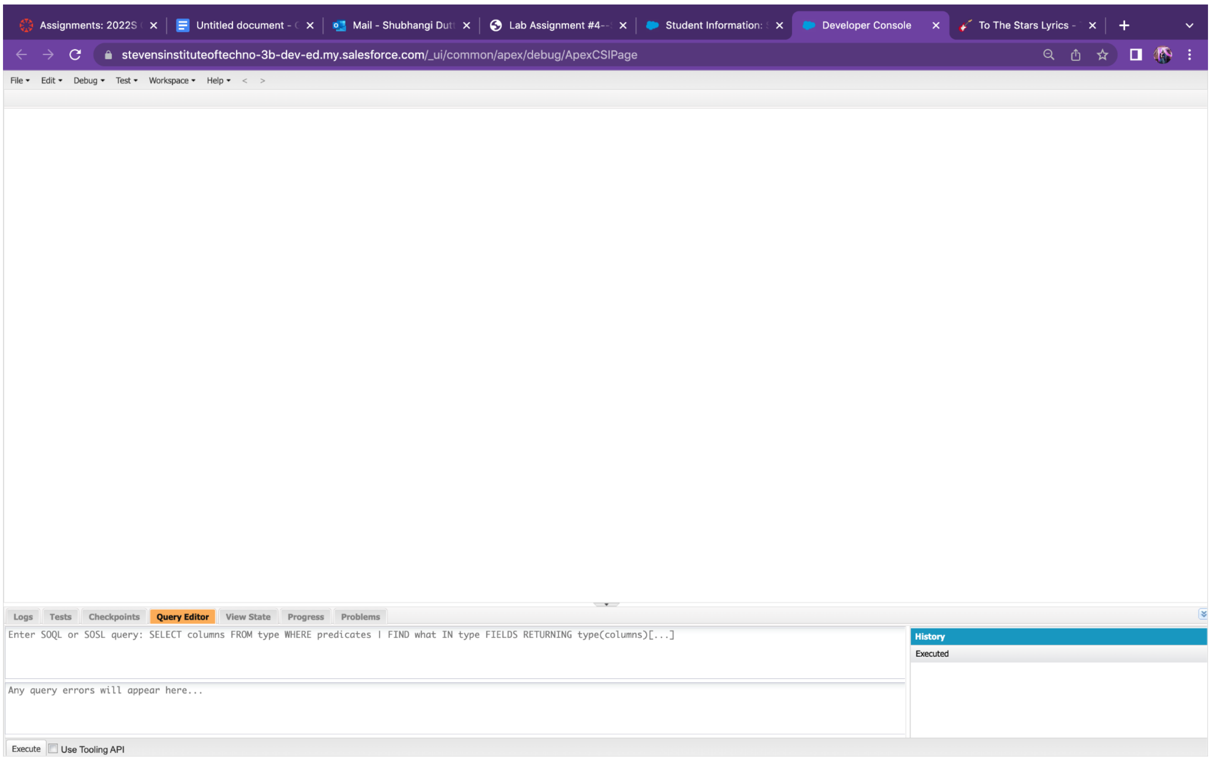


Step 3)I opened the Query Editor.



Step 4) I wrote my first query and selected 'Execute' option

Query :- SELECT Id, Name FROM Account WHERE Name = 'Shubhangi Dutt'

And got the Id and Name of the said record as my output.

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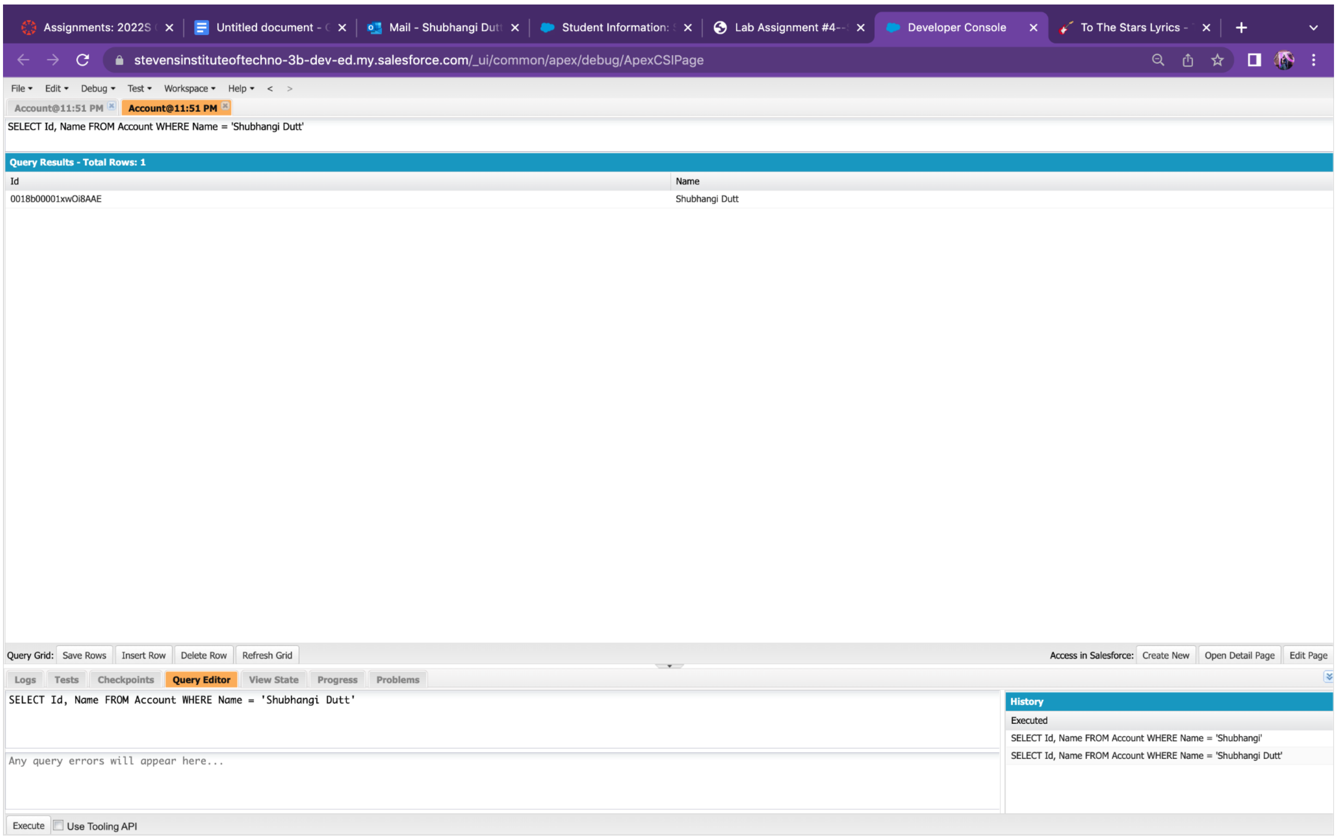

Step 5) I wrote my second query and selected ‘Execute’ option
Query :- SELECT Id, Name FROM Student_Information__c WHERE Name = 'Shubhangi Dutt'

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And got the Id and Name of the said record as my output.