BUILD AN EVENTMANAGEMENT SYSTEM USING SALESFORCE

1. INTRODUCTION:

1.1 Overview

Event management is the process of creating and maintaining an event. This process spans from the very beginning of planning all the way to post-event strategizing.

At the start, an event manager makes planning decisions, such as the time, location, and theme of their event. During an event, event managers oversee the event live and make sure things run smoothly. After an event, event managers are tasked with reviewing event data, submitting KPI and ROI findings, and staying on the ball for any post-event offerings.

All different branches of planning go into event management, including various types of sourcing, designing, regulation checks, and on-site management. In event management, you could be in the process of creating a conference, a product launch, an internal sales kick-off, or even a wedding. Really, any event that requires considerable planning and execution is event management.

1.2 Purpose

The project aim is to provide real-time knowledge for all the students who have basic knowledge of Salesforce and Looking for a real-time project. This project will also help to those professionals who are in cross -technology and wanted to switch to Salesforce with the help of this project they will gain knowledge and can include into their resume as well.

What actually a person learn:

- Real Time Salesforce Project.
- Object & Relationship in Salesforce.
- Create Salesforce Org.

2. PROBLEM DEFINITION & DESIGN THINKING:

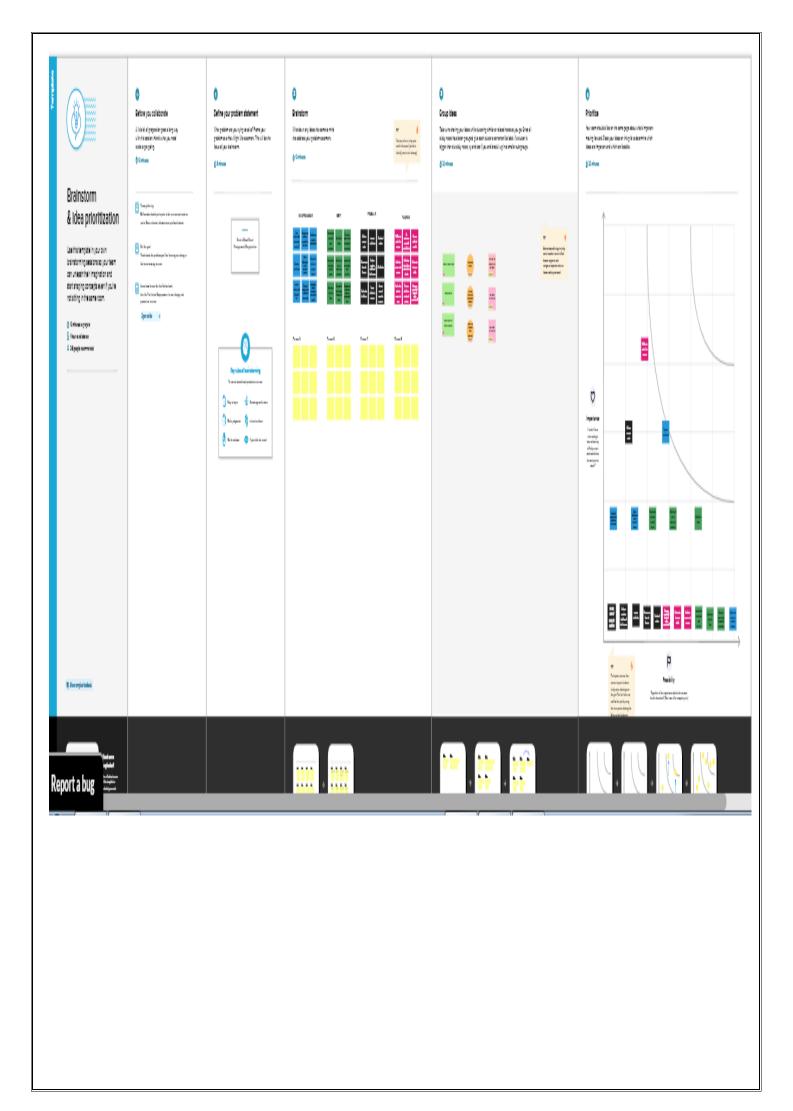
2.1 Empathy Map:

- Empathy maps are an efficient tool used by designers to not only understand user behavior, but also visually communicate those findings to colleagues, uniting the team under one shared understanding of the user. Originally invented by Dave Gray at Xplane, the empathy map was made in an attempt to limit miscommunication and misunderstanding about target audiences, including customers and users.
- > Based on our understanding about the Empathy map, we created our team Emapthy map and also attached the screenshot.



2.2 Ideation & Brainstorming Map:

- ➤ Ideation is a creative process where designers generate ideas in sessions (e.g., brainstorming, worst possible idea). It is the third stage in the Design Thinking process. Participants gather with open minds to produce as many ideas as they can to address a problem statement in a facilitated, judgment-free environment.
- Brainstorming is a group problem-solving method that involves the spontaneous contribution of creative ideas and solutions. This technique requires intensive, freewheeling discussion in which every member of the group is encouraged to think aloud and suggest as many ideas as possible based on their diverse knowledge.
- ➤ Here we attached our team Ideation & Brainstorming Map **below**:



3. RESULT

3.1 Data Model:

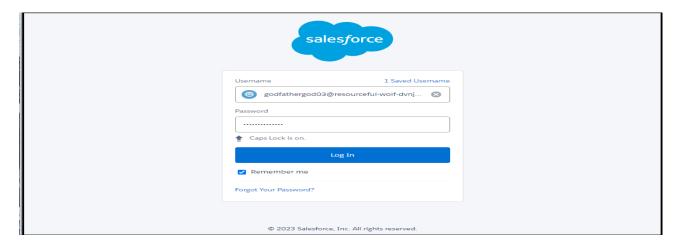
OBJECT NAME	FIELDS IN THE OBJECT	
	FIELD LABEL	DATA TYPE
EVENT	EVENT	TEXT
	START DATE	DATE/TIME
	END DATE	DATE/TIME
	EVENT NAME	MASTER - DETAIL
	FIELD LABEL	DATA TYPE
ATTENDEES	ID	AUTO NUMBER
	PHONE	PHONE
	EMAIL	EMAIL
	FIELD LABEL	DATA TYPE
STUDENT	TICKETS	PICKLIST
SPEAKERS	FIELD LABEL	DATA TYPE
	ВІО	TEXT AREA
	E- MAIL	EMAIL
	EVENT NAME	LOOK – UP
	FIELD LABEL	DATA TYPE
VENDERS	E-MAIL	EMAIL
	PHONE	PHONE
	SERVICE PROVIDER	TEXT
	EVENT NAME	LOOK - UP

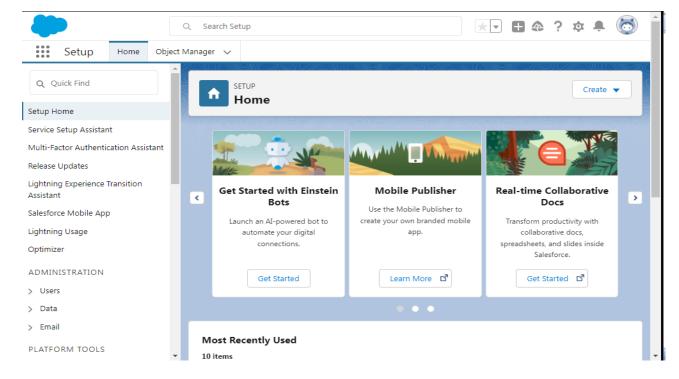
3.2 Activity & Screenshots:

Activity 1: Creation of Salesforce Org.

A Developer org has all the features and licenses you need to get started with Salesforce.

- 1. Search https://developer.salesforce.com
- 2. Enter the following details like First name, last name, Email, Role, Company, Country/Region, Postal code, and Username must be unique.
- 3. Click sign me up, after a few min you will reserve a mail salesforce org and by using the verify account link you can create your new password.
- 4. Click save.
- Search https://login.salesforce.com/
- 6. By using username and password you can into the salesforce org.

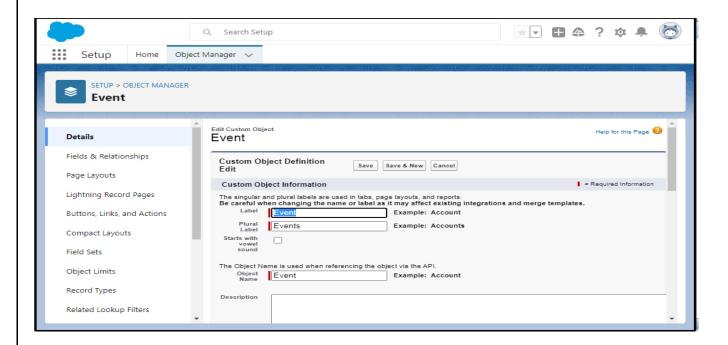




Activity 2: Creation Of Objects.

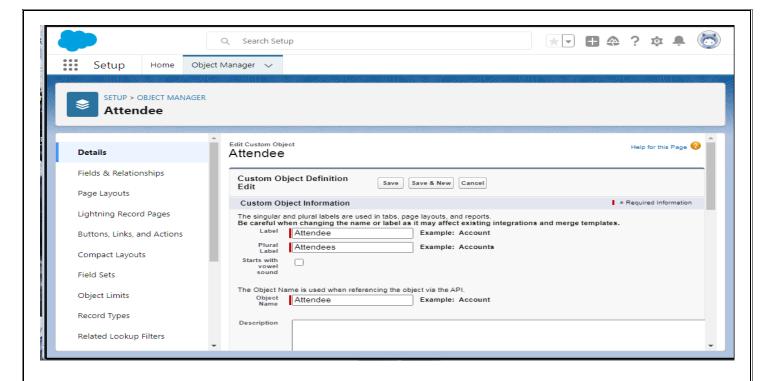
i. Event Object:

- 1. Click on the gear icon and then select Setup.
- 2. Click on the object manager tab just beside the home tab.
- 3. After the above steps, have a look on the extreme right you will find a Create Dropdownclick on that and select Custom Object.
- a. On the Custom Object Definition page, create the object as follows:
- b. Label: Event
- c. Plural Label: Events
- d. Record Name: Event Name
- e. Check the Allow Reports checkbox
- f. Check the Allow Search checkbox
- g. Click Save.



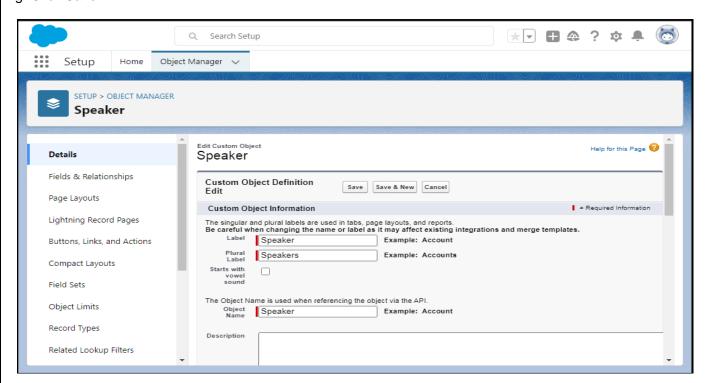
ii. Attendees:

- 1. Click on the gear icon and then select Setup.
- 2. Click on the object manager tab just beside the home tab.
- 3. After the above steps, have a look on the extreme right you will find a Create Dropdown click on that and select Custom Object.
- a. On the Custom Object Definition page, create the object as follows:
- b. Label: Attendee
- c. Plural Label: Attendees
- d. Record Name: Attendee Name
- e. Check the Allow Reports checkbox
- f. Check the Allow Search checkbox
- g. Click Save.



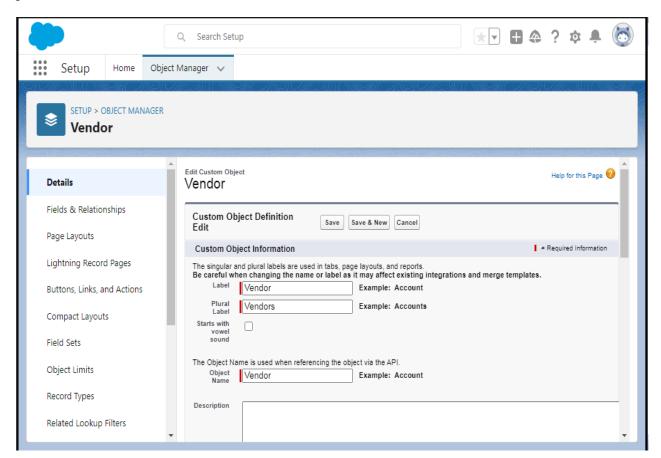
iii. Speaker:

- 1. Click on the gear icon and then select Setup.
- 2. Click on the object manager tab just beside the home tab.
- 3. After the above steps, have a look on the extreme right you will find a Create Dropdown click on that and select Custom Object.
- a. On the Custom Object Definition page, create the object as follows:
- b. Label: Speaker
- c. Plural Label: Speakers
- d. Record Name: Speaker Name
- e. Check the Allow Reports checkbox
- f. Check the Allow Search checkbox
- g. Click Save.



iv. Vendor:

- 1. Click on the gear icon and then select Setup.
- 2. Click on the object manager tab just beside the home tab.
- 3. After the above steps, have a look on the extreme right you will find a Create Dropdown click on that and select Custom Object.
- a. On the Custom Object Definition page, create the object as follows:
- b. Label: Vendor
- c. Plural Label: Vendors
- d. Record Name: Vendor Name
- e. Check the Allow Reports checkbox
- f. Check the Allow Search checkbox
- g. Click Save.



Activity 3: Creation of Tab:

i. Creation Of Event Tab

- 1. Click on Home tab, enter Tabs in Quick Find and select Tabs.
- 2. Under custom object tabs, click New.
- 3. For Object, select Event.
- 4. For Tab Style, select any icon.
- 5. Leave all defaults as is. Click Next, Next, and Save.

ii. Creation Of Attendee Tab

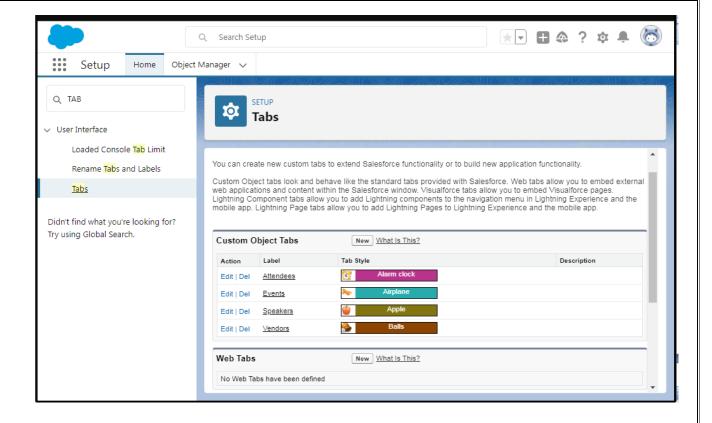
- 1. Click on Home tab, enter Tabs in Quick Find and select Tabs.
- 2. Under custom object tabs, click New.
- 3. For Object, select Attendee.
- 4. For Tab Style, select any icon.
- 5. Leave all defaults as is. Click Next, Next, and Save.

iii. Creation Of Speaker Tab

- 1. Click on Home tab, enter Tabs in Quick Find and select Tabs.
- 2. Under custom object tabs, click New.
- 3. For Object, select Speaker.
- 4. For Tab Style, select any icon.
- 5. Leave all defaults as is. Click Next, Next, and Save.

iv. Creation Of Vendor Tab

- 1. Click on Home tab, enter Tabs in Quick Find and select Tabs.
- 2. Under custom object tabs, click New.
- 3. For Object, select Vendor.
- 4. For Tab Style, select any icon.
- 5. Leave all defaults as is. Click Next, Next, and Save.

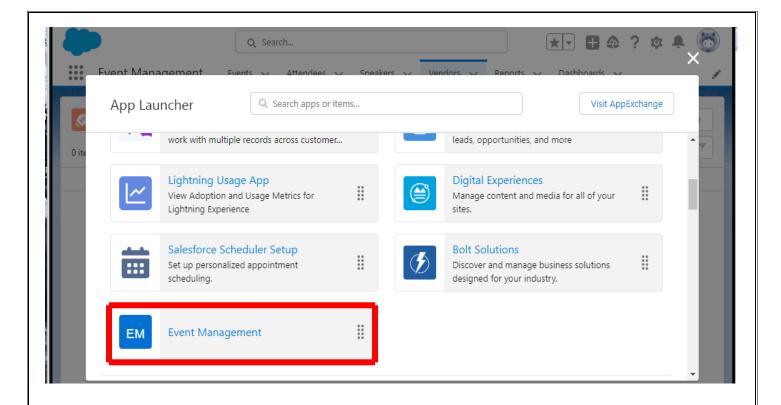


Activity 4: App Creation

- i. Creation Of Event Management Construction App
- 1. From Setup, enter App Manager in the Quick Find and select App Manager.
- 2. Click New Lightning App. Enter Event Management as the App Name, then click Next
- 3. Under App Options, leave the default selections and click Next.
- 4. Under Utility Items, leave as is and click Next.
- 5. From Available Items, select Events, Attendees, speakers, vendors, Reports, and Dashboards and move them to Selected Items. Click Next.
- 6. From Available Profiles, select System Administrator and move it to Selected Profiles. Click Save & Finish.
- 7.To verify your changes, click the App Launcher, type School Management and select the School Management app.

Note:

- 1. App Launcher-Displays available apps.
- 2. App Name-Displays the current selected app.
- 3. Navigation menu-Displays the tabs available inside the app.



Activity 5: Creation of Field:

i. Field For Event Object

- 1. Click the gear icon and select Setup. This launches Setup in a new tab.
- 2. Click the Object Manager tab next to Home.
- 3. Select Event.
- 4. Select Fields & Relationships from the left navigation, and click New

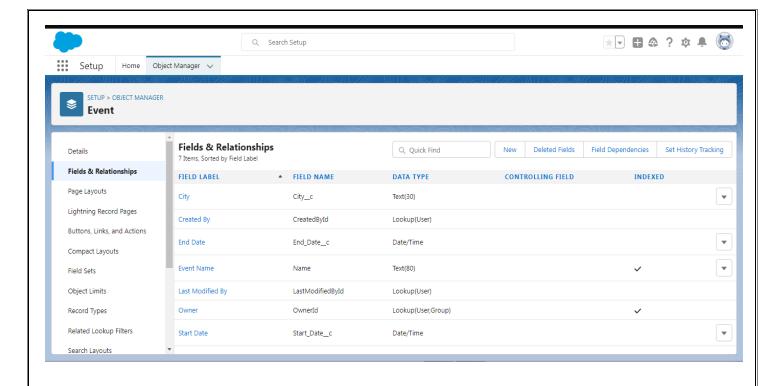
Now we're ready to make a custom field. Let's do this!

- 5. Select the Text as the Data Type, then click Next.
- 6. For Field Label, enter City.
- 7. Click Next, Next, then Save & New.

Now let's create the other fields and we must choose the data types of the fields carefully. Let's have a look at it.

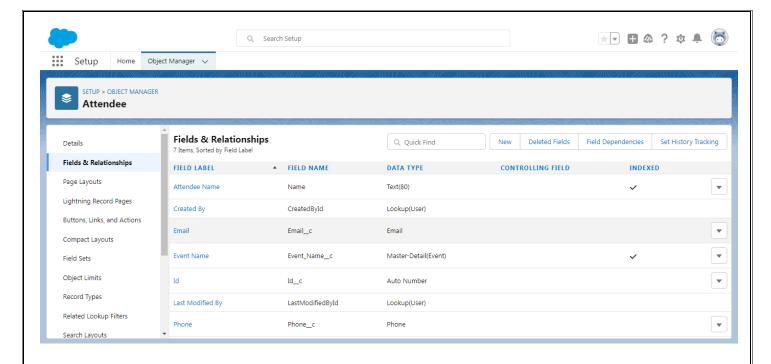
Let's see this,

- 1. Select the Date/time as the Data Type, then click Next.
- 2. For Field Label, enter Start Date.
- 3. Check the required check box.
- 4. Click Next, Next, then Save & New.
- 5. Similarly create a End Date field also



ii. Field For Attendee

- 1. Select the Auto number as the Data Type, then click Next.
- 2. For Field Label, enter Id.
- 3. Click Next, Next, then Save & New
- 4. Select the phone as the Data Type, then click Next.
- 5. For Field Label, Phone.
- 6. Click Next, Next, then Save & New.
- 7. Select the Email as the Data Type, then click Next.
- 8. For Field Label, enter Email.
- 9. Click Next, Next, then Save & New.
- 10. From Setup, click Object Manager and select Student.
- 11. Click Fields & Relationships, then New.
- 12. Select Picklist as the Data Type and click Next.
- 13. For Field Label enter Tickets.
- 14. Select Enter values, with each value separated by a new line and enter these values:
- a. Premium
- b. Gold
- c. Silver
- 15. Click Next, Next, then Save & New



Creation of Master - Detail Relationship With Event Object

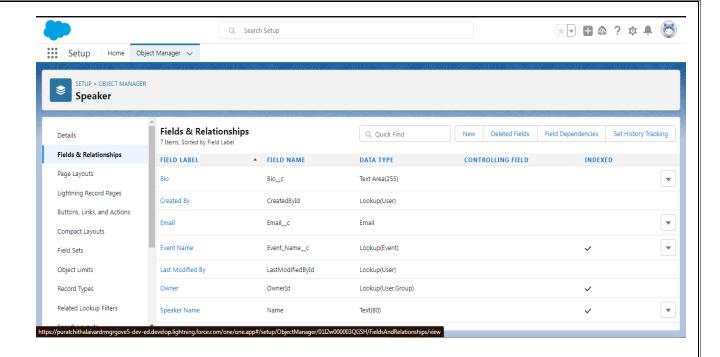
- 1. Select master-detail Relationship as the Data Type and click Next.
- 2. For Related to, enter Event.
- 3. Click Next.
- 4. For Field Label, Event Name.
- 5. Click Next, Next, Next and Save.

iii. Field For Speaker

- 1. Select the Text Area as the Data Type, then click Next.
- 2. For Field Label, enter Bio.
- 3. Click Next, Next, then Save & New.
- 4. Select the Email as the Data Type, then click Next.
- 5. For Field Label, e-mail.
- 6. Click Next, Next, then Save & New

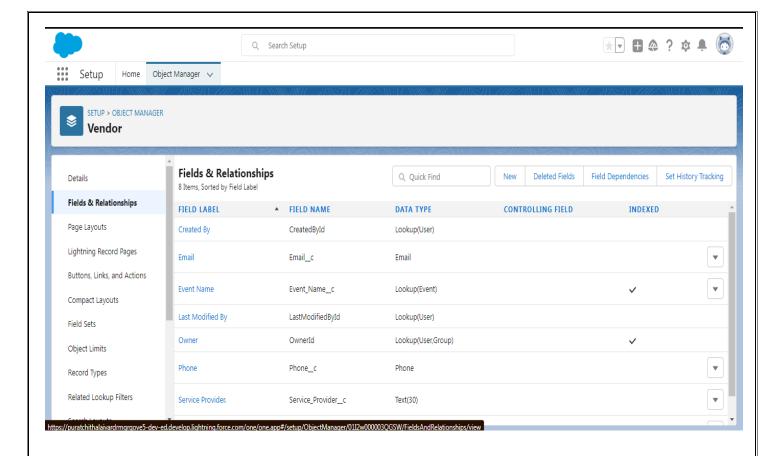
Let's create a Look-up relationship with Event object

- 1. Select Look-up Relationship as the Data Type and click Next.
- 2. For Related to, enter Event.
- 3. Click Next.
- 4. For Field Label, Event Name.
- 5. Click Next, Next, Next and Save.



iv. Field For Vendor

- 1. Select the Email as the Data Type, then click Next.
- 2. For Field Label, e-mail.
- 3. Click Next, Next, then Save & New.
- 4. Select the phone as the Data Type, then click Next.
- 5. For Field Label, Phone.
- 6. Click Next, Next, then Save & New.
- 7. Select the Email as the Data Type, then click Next.
- 8. For Field Label, e-mail.
- 9. Click Next, Next, then Save & New
- 10. Select the Text as the Data Type, then click Next.
- 11. For Field Label, enter Service Provider.
- 12. Click Next, Next, then Save & New.
- 13. Select Look-up Relationship as the Data Type and click Next.
- 14. For Related to, enter Event.
- 15. Click Next.
- 16. For Field Label, Event Name.
- 17. Click Next, Next, Next and Save.



Activity 6: Profile

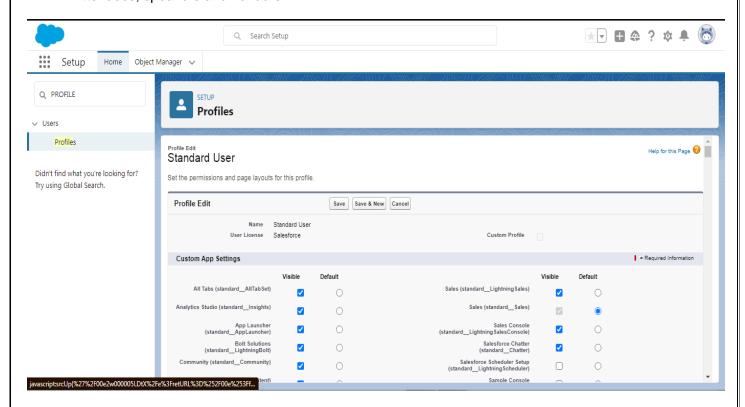
i. Creation Of Profile

- 1. From Setup enter Profiles in the Quick Find box, and select Profiles.
- 2. From the list of profiles, find Standard User.
- 3. Click Clone.
- 4. For Profile Name, enter Event user profile.
- 5. Click Save.
- 6. While still on the Event profile page, then click Edit.
- 7. Scroll down to Custom Object Permissions and Give view all access permissions to the Attendees, speakers and vendors.

ii. Creation Of Profile With Name Event Vendors Profile

- 1. From Setup enter Profiles in the Quick Find box, and select Profiles.
- 2. From the list of profiles, find Standard User.
- 3. Click Clone.
- 4. For Profile Name, enter Event vendors profile.
- 5. Click Save.
- 6. While still on the Event profile page, then click Edit.

7. Scroll down to Custom Object Permissions and Give view all access permissions to the Attendees, speakers and vendors.



Activity 7: User

i. Creation Of User

From setup type "users" in quick find and select users, then click New User

First Name: SanjayLast Name: Gupta

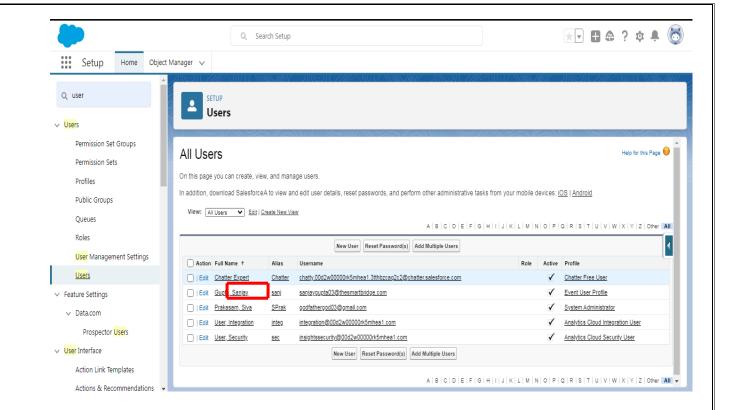
Alias: Sanj

• Email: provide your personal email id for future reference

• Username: sanjaygupta@thesmartbridge.com

Nickname: Sanju

Role: leave it as defaultUser License: SalesforceProfile: Event User Profile

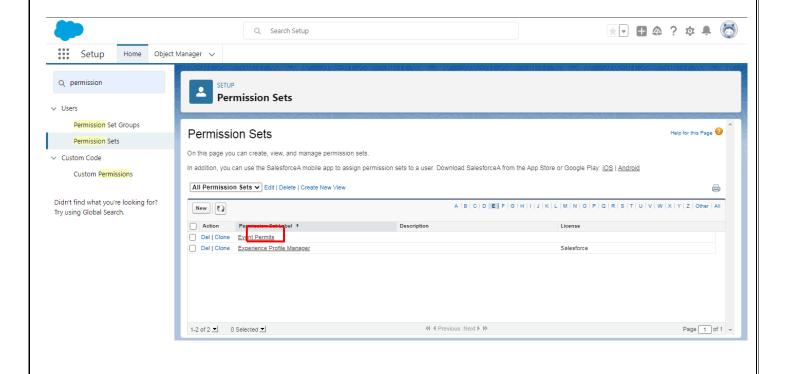


Activity 8: Permission Set

i. Creating Permission Set

From setup search "permission sets" in quick find and select permission set then click on New

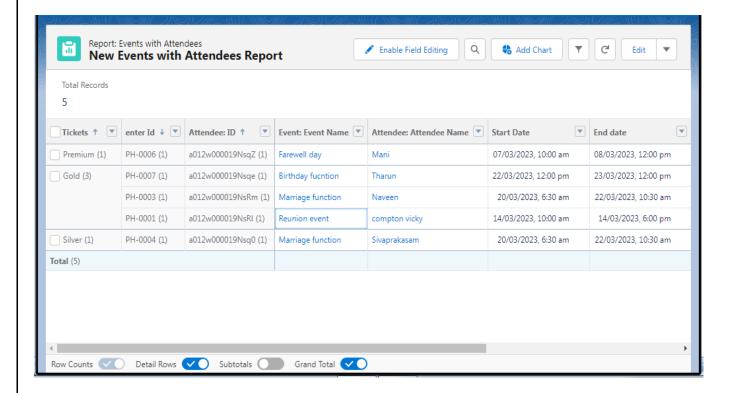
- 1. Enter label as: Event Permits and Save.
- 2. After saving the permission click on the Manage assignment.
- 3. Now click on the Add Assignment.
- 4. Now select the users and click on save.



Activity 9: Reports

i. Creating A Report

- 1. From the Reports tab, click New Report.
- 2. Select the report type Attendees with events for the report, and click Create.
- 3. Customize your report accordingly and include all fields, then save or run it.



4. TRAILHEAD PROFILE PUBLIC URL

- ◆ Team Lead (N.Gopi) https://trailblazer.me/id/gromen
- ◆ Team Member 1 (S.Tharun) https://trailblazer.me/id/tharuntst
- ◆ Team Member 2 (G.Sivaprakasam) https://trailblazer.me/id/sprakasam5
- ◆ Team Member 3 (R.Prabu) https://trailblazer.me/id/pprabu4

5. ADVANTAGES & DISADVANTAGES

Advantages:

- Accelerating the detection and Response to incidents.
- Time and Money saving automation capabilities.
- More effective decision and action making via automated report distribution.
- Display a greater level of professionalism.
- Increase Engagement rate at events.
- Access to valuable real-time data.
- Personalized reports for continuous improvement.

- Multiple reports for monitoring the success of event.
- Measure Return on investments.
- Best accounting support.

Disadvantages:

- It requires unconventional working hours.
- Experience requirements.
- . High stress.
- Low starting salaries.
- Client demands.
- Travel requirements.
- It don't adapt well to changing business needs circumstances.
- It is difficult to compile and consolidate information.

6. APPLICATIONS

Track Event data Real Time:

Using one platform, you can monitor your attendance list, payment modes, tickets sold, responses to queries, and more. When you consolidate all those data into one single view, your decisions will become more informed and have a more substantial impact.

Comprehensive And In-Depth Analysis With Cross Filtering Data:

Quickly generate data results and get all the information that you need - from attendee count, revenues raised, registration behavior, event expenses, and more.

> Acting as Integrated platform:

It is an integrated platform in which multiple objects (Event, Attendee, Speakers, Vender) are integrated with in one application say "Event Management" in such a manner that is capable of visiting their performance at single place.

Suitable for all type of Companies:

One of the essential applications of Event management is, "it is not Size Sensitive" Which means that the event management with CRM is well suitable for any events in huge as well as small company events.

As effective tool in customer Satisfaction:

By the implementation of Event management system using the simply designed platforms like salesforce, the planned events achieves targeted customer Satisfaction and lead to the enormous growth of Business.

7. CONCLUSION

Although now we are in the essential part of the whole project and it is a right place for sharing the reviews about the entire project. For managing a perfect event it is necessary to plan the events and assign each event to the individual persons. However it notable point that before planning any event, it requires a trusted platform to secure the planned events. From the entire project it clear that the salesforce has an extraordinary data protection and has simple architecture.

Since salesforce is easy to access only with the salesforce org and objects are simply created with lightning experience. Also the related tabs and fields for the object also crated just like drop and down. There is also an option to relate one object to the another object through "Master – Detail" and "Look – up " relationship. After successful creation of above things the exclusive App is build for our desired event. In that application we can assign any event to any person or to group of people and also we are able to check their status on particular events. An ultimate thing is, we can collect the entire report history of the events and aos

we can filter the required topics from the entire data to specific one. However this entire project is completed easily and learned lot of things and finally saleforce is an nice and trusted platform for creation of this whole project.

8. FUTURE SCOPE

- ✓ Creation of some more objects.
- ✓ Customize the interface as per wish.
- ✓ Creating more number of groups and assign individual task.
- ✓ Customizing the permissions given to users.
- ✓ Creating more related objects using field & relationship.
- ✓ Customized app for each and every events separately.



