SALESFORCE DEVELOPER

PROJECT TITTLE : WORKFORCE ADMINISTRATION SOLUTION

TEAM ID : NM2023TMID0250

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FIELDS

When we talk about Salesforce, Fields represent the data stored in the columns of a relational database. It can hold any valuable information that you require for a specific object. Hence, the overall searching, deletion, and editing of the records become simpler and quicker.

Types of Fields

1. Standard Fields
2. Custom Fields

Standard Fields:

As the name suggests, the Standard Fields are the predefined fields in Salesforce that perform a standard task. The main point is that you can't simply delete a Standard Field until it is a non-required standard field. Otherwise, users have the option to delete them at any point from the application freely. Moreover, we have some fields that you will find common in every Salesforce application. They are,

? Created By

? Owner

? Last Modified

? Field Made During object Creation

Custom Fields:

On the other side of the coin, Custom Fields are highly flexible, and users can change them according to requirements. Moreover, each organizer or company can use them if necessary. It means you need not always include them in the records, unlike Standard fields. Hence, the final decision depends on the user, and he can add/remove Custom Fields of any given form.

Use Case:

Now it's time for you to think out of the box for your organization. You have successfully created the database objects for the organization but now all eyes turn on you as you have to define what sort of information the objects store which you have created. As a life saver of your organization you come up with the idea of creating fields to store different types of data.
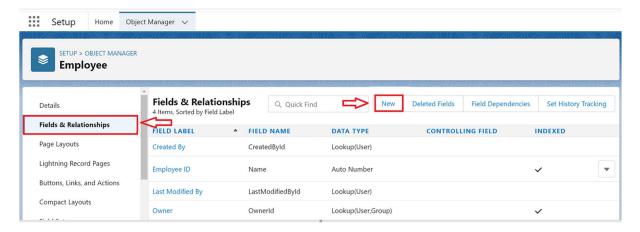
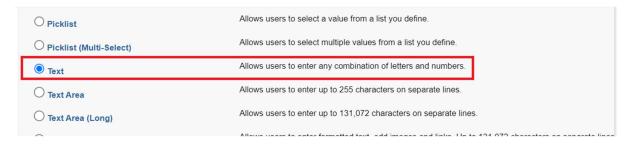## CREATING TEXT FIELD IN EMPLOYEE OBJECT

To create fields in an object:

1. Go to setup >>> click on Object Manager >>> type object name(Employee) in quick find bar >>> click on the object.

2. Now click on "Fields & Relationships" >>> New

3. Select Data type as "Text".

4. Click on Next

5. Fill the above as following:

- Field Label: Employee Name
- Length : 18
- Field Name : gets auto generated
- Click on Next >>> Next >>> Save and new.

CREATING DATE OF BIRTH FIELD IN EMPLOYEE OBJECT

1. Repeat step 1 and 2 mentioned in activity 1
2. Select Data type as "Date" and click Next.

3. Click on Next.
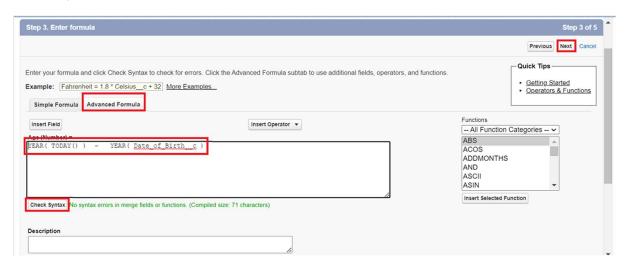4. Fill the above as following:

a.   Field Label: Date of Birth.

b.   Field Name : gets auto generated.

c.   Click on Next >>> Next >>> Save and new.

CREATING FORMULA FIELD IN EMPLOYEE OBJECT

1. Repeat step 1 and 2 mentioned in activity 1
2. Select Data type as "Formula" and click Next.
3. Give Field Label and Field Name as "Age" and select formula return type as "Number" and click next.

4. Under Advanced Formula write down the formula and click "Check Syntax" and Next>>> Next>>> Save & New.

Creating Remaining Fields In Employee Object

Now create the remaining fields using the data types mentioned in the table.

S l	Object Name	Field

No			
1	Employee	**Field Name**	**Data type**
		• Qualification	Text
		• Address	Text Area
		• Experience	Text Area
		• Phone no	Phone
		• Email	Email
		• Joining date	Date
		• Mode of Work	Picklist: Values On Site Remote
		• Cab Allowance	Check box
		• Food Allowances	Check box
		• Wifi Allowances	Check box
		• Cab Allowance Amount	Currency
		• Food Allowance Amount	Currency

		• Wifi Allowance Amount	Currency
		• Login Time	Time
		• Logout Time	Time
		• LinkedIn Profile	url

2	Project		

Field Name	Data type
Name	Text
Lead	Text
ate	Date
ate	Date
Status	Picklist: Values
	Completed On Going Not Yet Started

3	Project Task		

Field Name	Data type
• Project	MDR with project object **Formula** : (Project_Task__r.Start_Date__c - Project

		• Task	_Task__r.End_Date__c)
		Finishes in	**Formula return type**: Number
			Numbers
			Master Detail relationship with Employee object
		• Working Hours	
		• Employee Name	
		Note: here in Finishes in field, Start Date and End Date belong to Employee Object.	

		Field Name	Data type
4	Asset Service	• Asset Id	Lookup relationship with Asset object
		• Type	Picklist: Values Technical Issue Non Technical Issue Text Text Area Text Long
		• Technician • Subject • Description	

		Field Name	Data type
5	Asset	• Asset Type	Picklist: Values Laptop Charger Mouse Monitor CPU

• Model Name	Text
• Employee Name	Lookup relationship with Employee Object
	Formula (Joining date)
	Formula Return type: date
• Date Of Issue	

Note: here in the Date of Issue field, the Joining date field belongs to the Employee Object.

MASTER-DETAIL RELATIONSHIP

CREATING MASTER-DETAIL RELATIONSHIP bETWEEN EMPLOYEE & PROJECT TASK OBJECT

To Create a Master-Detail relationship
1. Go to the setup page >>> click on object manager >>> type object name(ProjectTask) in the quick find bar>>> click on the object.
2. Click on fields & relationship >>> click on New.
3. Select "Master-Detail relationship" as data type and click Next.
4. For field label related to: select "Employee" object and click Next.

5. Give Field Label as "Employee Name" and click Next.

6. Next >>>Next >>>Save & New.