Building Block Of Salesforce Assignment

General Guidelines:

* Object name, field names, tab names, email templates and error messages should be presentable. Run spell check wherever necessary.
* In case if you delete an object or a field, then please ensure that you delete it permanently from the org. If you do not, then, you will not be able to complete the assignment.

Create the below Given Objects & required fields in your respective SF Org(Developer Org). This org will be used throughout the training period.

**Questions:**

1. **Create Employee data in Salesforce as below. Create a custom list view where you can see these details.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Email** | **UserName** | **Manager** | **Is Manager** |
| John Smith | < use your email for assignment> | [Jhon.<yourname>@bfl.training.com](mailto:Jhon.%3cyourname%3e@bfl.training.com) | Null | TRUE |
| Paul Kevin | < use your email for assignment> | [Paul.<yourname>@bfl.training.com](mailto:Paul.%3cyourname%3e@bfl.training.com) | John Smith | FALSE |

**Hint :**

**- Use SF standard user object**

**- Select User license as Salesforce**

**- Select profile as Standard User**

**- Use custom fields for last two columns**

1. **Project (Custom Object)**

**Fields:**

Project Name : Text

Project Manager: Lookup user

Client : Custom lookup (Account object)

Allocated Hours : Number

Estimated Hours : Rollup of all the estimated hours on each task related to project (Number Type)

Billable Hours : Rollup of all the billable hours on each task related to project (Number Type)

Non-Billable Hours : Rollup of all the non-billable hours on each task related to project (Number Type)

Billing Per Hour : Currency

Total Billing : Formula (Billing per hour \* Billable Hours)

1. **Project Member (Custom Junction Object)**

**Fields:**

Project : custom master-detail (Project)

Member : Lookup (User)

1. **Case(Standard Case Object - Rename Case to Project Task)**

**Fields:**

Project : Lookup (Project)

Estimated Hours :

Billable Hours :

Non-Billable Hours :

Subject : (Standard Subject field)Task Subject

Assigned To: (Standard Owner Field)

User Story : (Standard Description Field)

Acceptance Criteria : Rich Text Area (Custom Field)

Status (Picklist - New, In Progress, QA, Completed)

Assigned Date : DateTime

Due Date : DateTime

Completed Date : DateTime

Report To (Lookup to User)

Type : (Picklist - Story/Bug)

1. **Task Comments (Standard Case Comment)**

Create an Account with the name as ‘BFL’. Now create a Project Task record. Create a Task Comments record associated with this case record. The comment should be ‘This is a case comment’

1. **Weekly Snapshot (Custom Object)**

**Fields:**

Week Start Date : Date

Week End Date : Date

Estimated Hours : number

Billable Hours: number

Non-Billable Hours : number

Summary : RichTextArea

1. Is there any data loss when converting the fields from one data type to another ? Explain.
2. What happens when a field is deleted ? What happens when you restore it ?
3. How many custom detail levels can you have in a master detail relationship ?
4. Complete Data Modelling trailhead module.