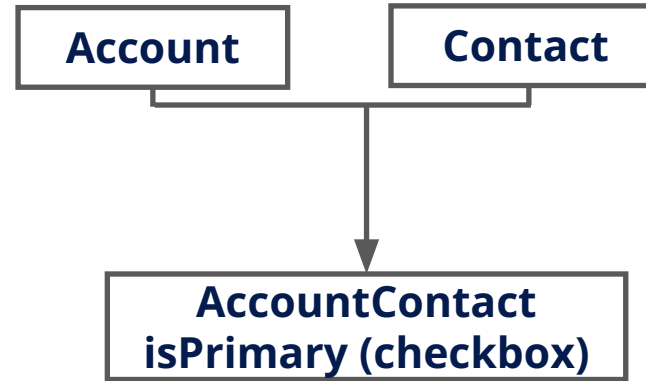**CUSTOMERTIMES**

Trigger Task

Description

One contact can work in several accounts. Contact is linked to the account through reference object called **AccountContact.**

Contact can have only one primary workplace which gets determined by the checkbox on the **AccountContact** object.

```
┌──────────────┐     ┌──────────────┐
│   Account    │     │   Contact    │
└──────────────┘     └──────────────┘
        │                    │
        └────────┬───────────┘
                 ▼
      ┌────────────────────────┐
      │    AccountContact      │
      │   isPrimary (checkbox) │
      └────────────────────────┘
```

Task

Write a trigger which determines primary work place automatically.

Acceptance criteria

If reference object gets created for the first time and there are no other working places for this contact isPrimary=true.

If Isprimary was changed from 'true' to 'false', 'true' should be set on the last workplace(use created date field on reference object).

If Isprimary was changed from 'false' to 'true', Isprimary should be unchecked from last primary workplace (use created date field on reference object).

Considerations:
only one primary workplace is allowed for one contact
*bulkification should be taken into consideration. I.e. insert, update list of references.

Helpfull links

1 Complete Apex Basics & Database

Apex Basics & Database | Salesforce Trailhead

2 Complete Apex Triggers Module

Apex Triggers | Salesforce Trailhead

3 Review Apex Developer Guide*

Apex Developer Guide

4 Register Personal Salesforce Developer Org

Salesforce Developers - Signup your first personal Salesforce Developer Org

5 Complete Data Modeling
Data Modeling | Salesforce Trailhead
Create Warehouse Data model*

* See details on the next slides.

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