Session 3 Homework

Trailhead moduls:
- https://trailhead.salesforce.com/content/learn/modules/data_modeling
- https://trailhead.salesforce.com/content/learn/modules/data_security
- https://trailhead.salesforce.com/content/learn/projects/customize-a-salesforce-object
- https://trailhead.salesforce.com/content/learn/modules/point_click_business_logic

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Additional Exercises (after completing the above moduls and if you are in the mood ☺)

Filter With Specific Conditions

This exercise expects Formulas and Validations | Implement Roll-Up Summary Fields
Trailhead module to be completed. If you don't have it completed, then you can come back
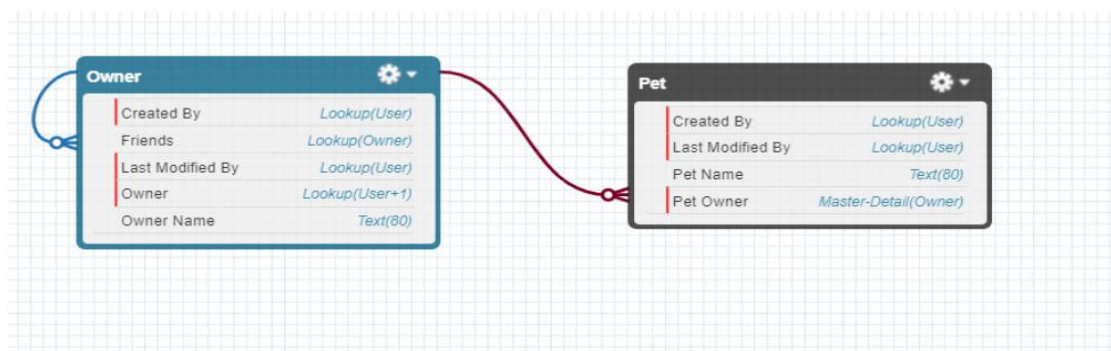to this exercise later.

Launch the Sales app and select the Accounts tab. Create a new *List View* called `Most
Relevant Accounts`. The view should implement the following logic:

It should show all the accounts which have at least *€10,000* potential value and has a *hot*
rating or has a *cold* rating but are publicly owned and the potential value is greater than
€340,000.
(If you haven't changed the default data the view will list `Edge Communications`, `Express
Logistics and Transport`, and `United Oil & Gas Corp`.)

Pet Owner

A person can have multiple fluffy bunnies, sassy kitties and heart-melting puppies, which
makes them their owner. This person can also have friends. Create the `Owner` and `Pet`
objects and the necessary relations to have the bellow visual representation:

☁ Number of Pets

Create a new field for the Owner called Number of Pets which is a Roll-Up Summary field that counts the number of pets associated with the owner.

- Create a new List View that shows the Owner Name and the Number of Pets

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Newcomers

Two colleagues joined your organization. One of them, `Peter Finnigan`, will work as a Contract Manager. `Dean Brown` will also join and he will work as a Contract Manager Assistant.

Your job is to create their users and assign the right user profiles.

At the moment the *Contract Manager Assistant* profile doesn't exist in the system, you have to create it. It should have the same System Permissions as the *Contract Manager*, but should not be able to *send mass emails to contacts and leads* or *view the App Setup and Administrative Settings pages*.

Fruits

Create a `Fruit` *Picklist Value Set* with the following values:

- `Banana`
- `Kiwi`
- `Coconut`
- `Orange`
- `Pineapple`
- `Raspberry`
- `Strawberry`
- `Apple`
- `Grape`
- `Grapefruit`

Since it's not really a good season for raspberries and strawberries deactivate them.

The entrepreneurial and health-conscious Clementine Pummelo would like to open a Smoothie Delivery. Let's create the conditions for it in Salesforce!

1. Create a `Smoothie` object. Select **Launch New Custom Tab Wizard after saving this custom object**. Select the *Apple* tab style. We haven't created our custom app yet, so deselect *Include Tab* at the section where you can choose the custom apps that you want te new custom tab to be available in.

2. Create a new Lightning App called `Smoothie Delivery`. Set a picture you like and choose a bright yellow for it. At the *Select items* don't forget to select the Smoothies. For now it is enough to assign it to the System Administrator *user profile*.

3. In our `Smoothie` object create a new *multi-select picklist* field called `Smoothie Fruits` and use the Fruit global value set that you created at the previous exercise. This field should be required.

4. Clementine wants to boost the traditional smoothie concept, therefore she is offering a list of `Enhancer`-s to choose from. Every customer can choose the extras from the bellow list:
   - milk-cream base
   - coconut-water base
   - whey-protein boost
   - pea-protein boost
   - crunchy cereal
   - nuts and seeds

   Create this field as well in the `Smoothie` object.

5. She cares for gluten intolerant customers, therefore a `Gluten-free` checkbox field should be implemented.

6. In case a customer is gluten intolerant, the *crunchy cereal* should be excluded from the Enhancer list. Make the necessary settings and test your app by creating three new records.