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- Salesforce has two ways to create an application—using point-and-click methods or by using the command line. The GUI method of application developing an application :

Create an Account :

- The first step is to create your Salesforce account. This is a fairly straightforward affair and it's something you've probably already done on dozens of web sites.

- You need to go to http://developer.force.com/join. Simply follow the steps (you'll need to answer name, password, username, and so forth) and you'll be set up.

- Once you log in to your Developer Edition organization, then log in to https://login.salesforce.com.

Create an Object :

- The next step is to create an object that will hold the data—our lunch expenses. Salesforce applications already contain a lot of prebuilt object called standard object for the data your applications need.

- However, you can build custom applications. Those are called custom objects.

- To create the object, log in to your Salesforce account at https:/login.salesforce.com and enter your username and password. create the custom object by following these steps:

- Select Setup in the upper-right corner of the page.

- Click Create Objects in the sidebar menu to show the Custom Objects page.

- Fill in the custom object definition. This is shown in Figure 11-5:
- Under Label, enter Lunch.
- Under Plural Label, enter Lunch.
- Under the Object Name, enter Lunch.
- Under the Description, enter Anobjectthatholdslunchexpenseinformation.
- Select the Allow Activities check box.
- Select the Allow Reports check box.
- Leave all the other values at their default levels.
- Click Save to finish the custom object creation.

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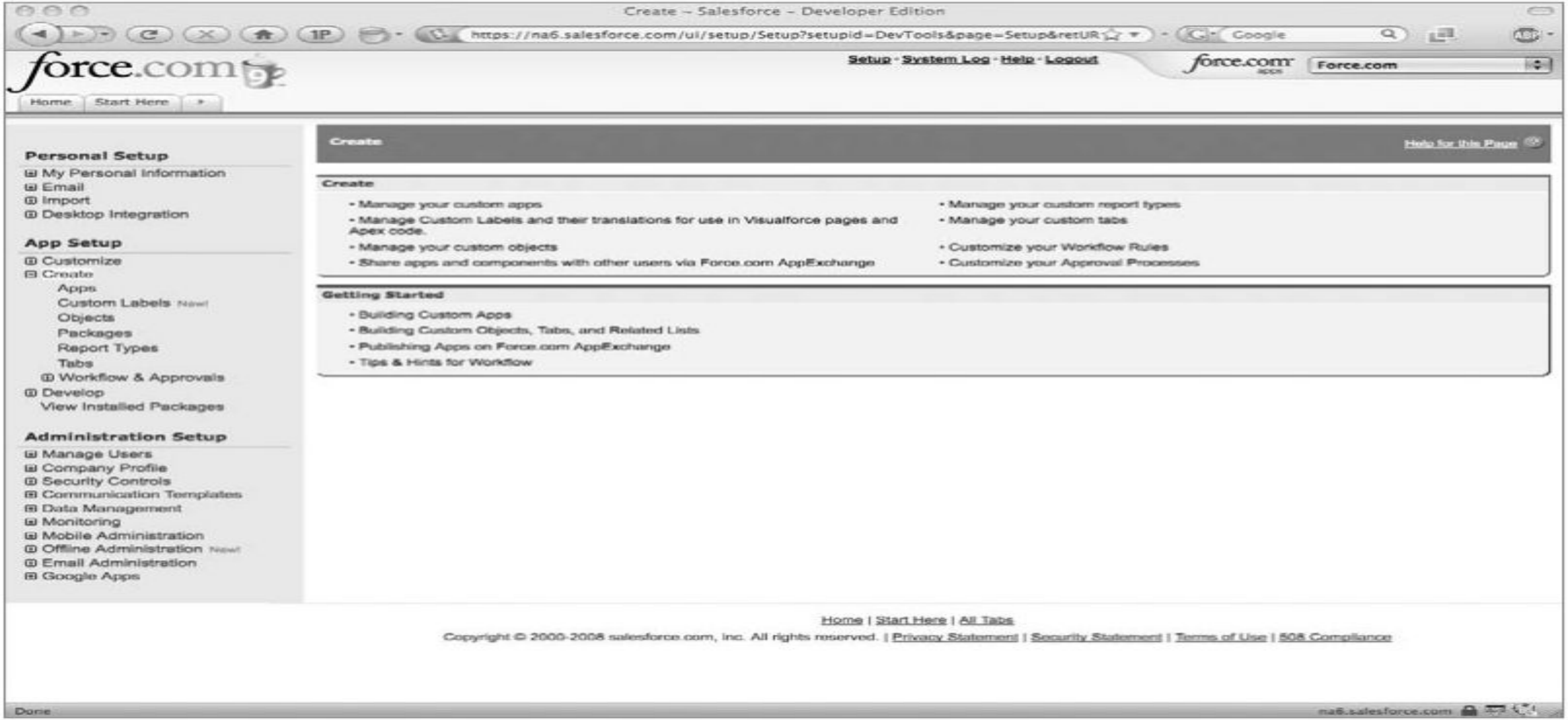

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FIGURE 11-5 Start creating your app by defining a custom object.

Fields :

- After the custom object is made to hold your lunch expenses, the next step is to add fields that capture the date of your business lunch, how much you spent, and the person you entertained.
- **Date First, create the Date field (shown in Figure 11-6):**
- Scroll down to the Custom Fields & Relationships related list.
- Select New to start the New Custom Field Wizard.
- Under Data Type, select Date and click Next
- **Enter the following data (shown in Figure 11-7):**
- Under Field Label, enter Date.
- Under Field Name, enter Date.
- Under the Description, enter Dateoflunch.
- Check the Required check box.
- For the Default Value, enter Today().
- Click Next, accept the defaults, and click Next again.
- Click Save & New to create the Date field and to restart the wizard for the next field

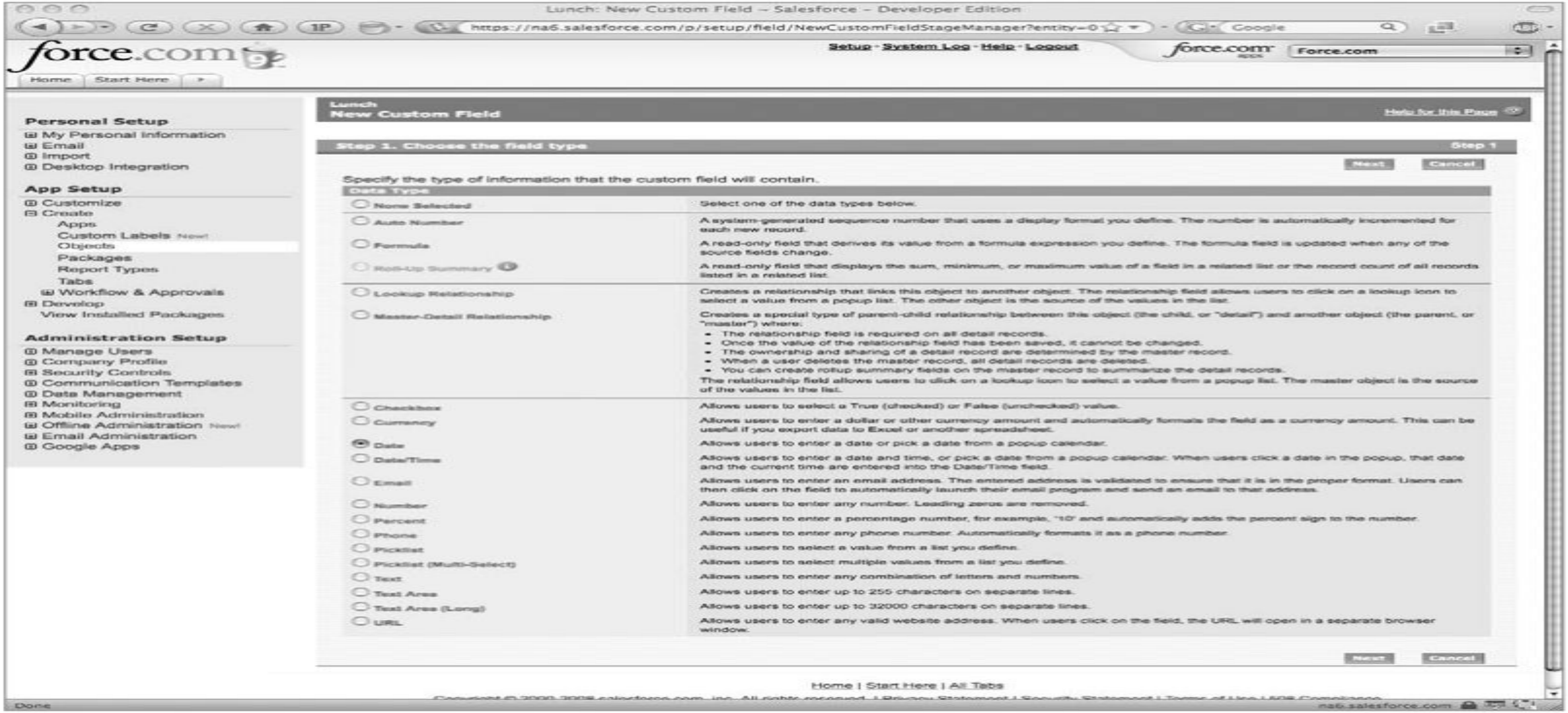

FIGURE 11-6 A key piece of data to be tracked by this app is the date.

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FIGURE 11-7 When filled, the values in the Date field should look like this.

- **Cost** The next field to generate is the Cost field. This is where the cost of your business lunch is stored. The wizard was automatically restarted in the previous section.
- For the Data Type, select Number (shown in Figure 11-8).
- Fill in the fields as follows (shown in Figure 11-9):
- 1. Under Field Label, enter Cost.
- 2. For the Length, enter 4.
- 3. Under Decimal Places, enter 2.
- 4. For the Field Name, enter Cost.
- 5. For the Description, enter Costoflunch.
- 6. Check the Required check box.
- 7. Click Next, accept the defaults, and click Save & New to create the next field.

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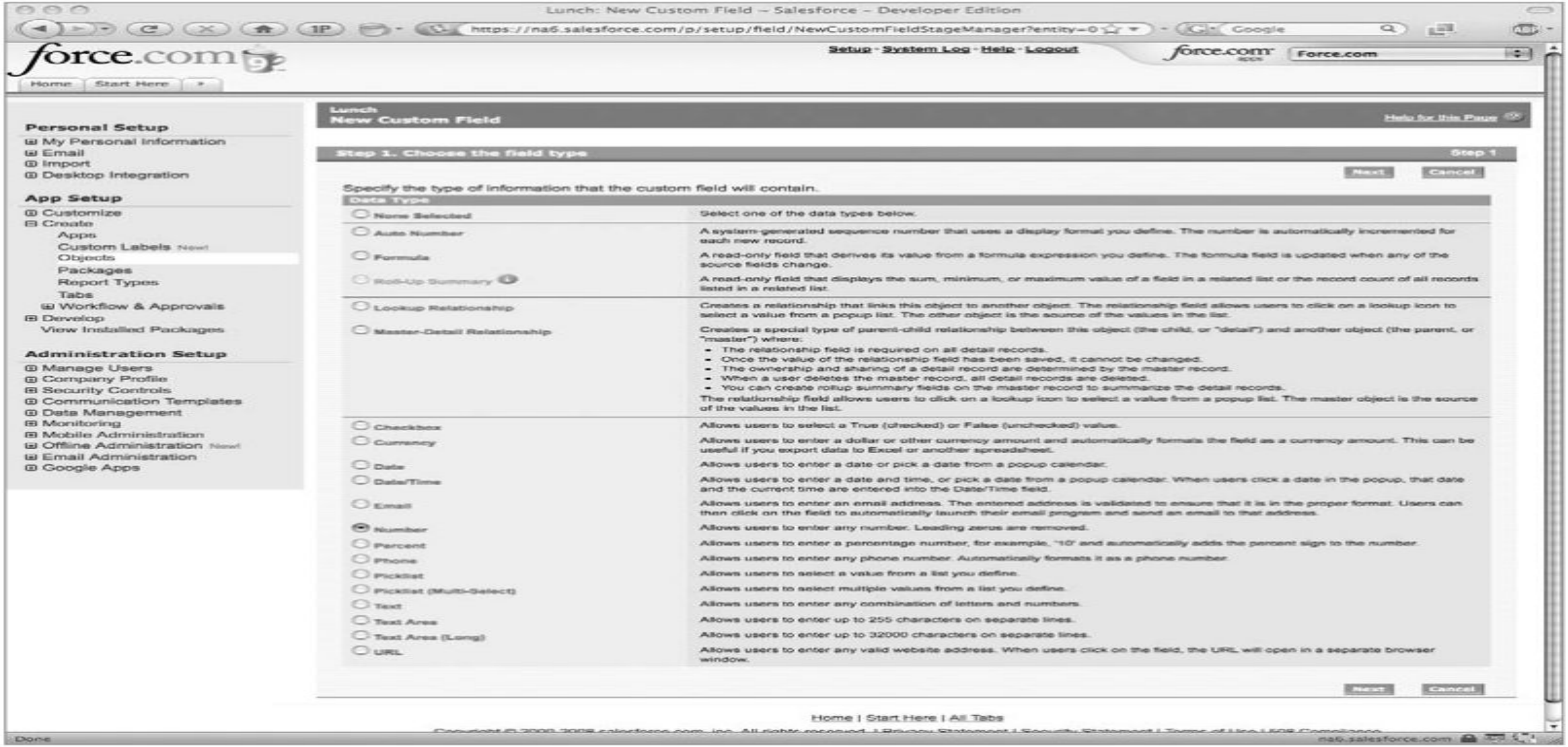

FIGURE 11-8 The next field to define is the Cost field.

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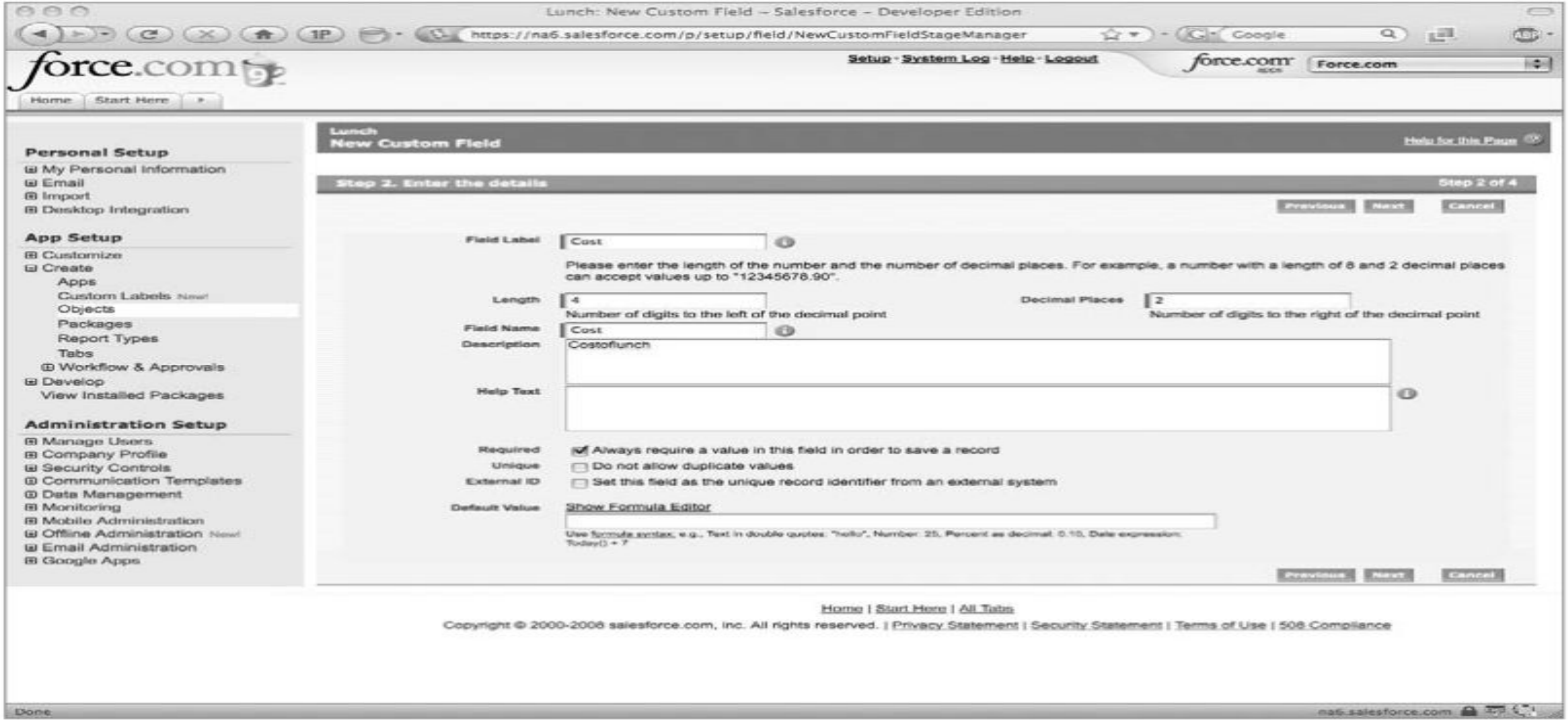

FIGURE 11-9 When filled, information in your Cost field will look like this.

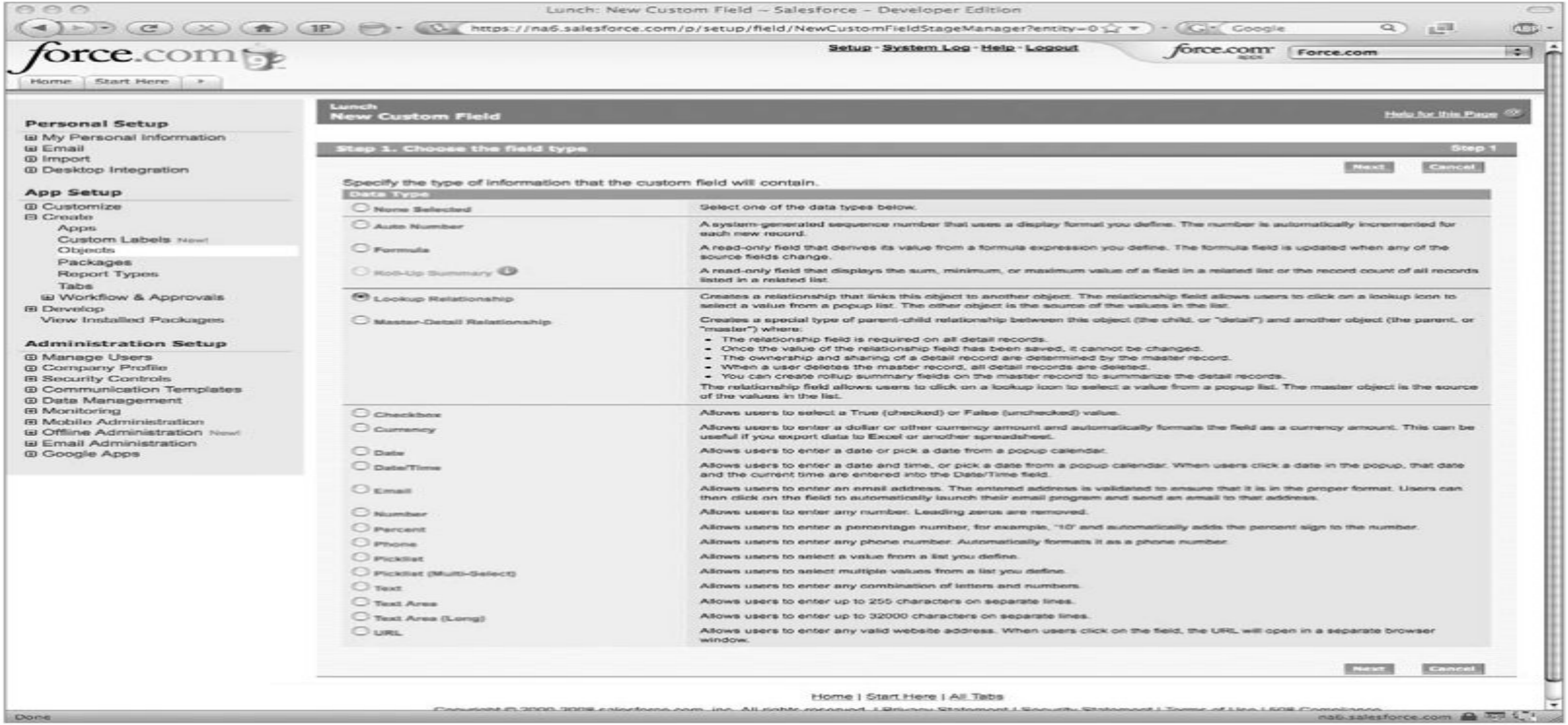

FIGURE 11-10 Selecting the Lookup Relationship data type allows you to link data for two objects.

- Contact The next field is the Contact field. This is the person with whom you had your business lunch. Again, if you clicked Save & New in the previous section, the field wizard restarts.

- For the Data Type, select Lookup Relationship (shown in Figure 11-10) and click Next.

- The Lookup Relationship data type allows you to link two data objects. In this example, we'll connect the Cost object and the Contact object.

- In the Related To drop-down list, select Contact and click Next.

- Fill in the field details as follows (shown in Figure 11-11):
- 1. Under Field Label, enter Contact.
- 2. Under Field Name, enter Contact.
- 3. Under Description, enter PersonIhadlunchwith.
- 4. Leave the remaining defaults as they are, and then click Next.
- 5. Accept the defaults again and click Next.
- 6. Click Next two more times.
- 7. Click Save to finish up the field creation process.

Create a Tab :

- To show your application on the Salesforce web site, you need to create a tab to be added to the existing tabs. When users click this tab, they'll be able to track their lunch expenses.
- 1. On the startup page, click Create Tabs (this was the same screen where you created the object).
- 2. Click New in the Custom Objects tab list to launch the New Custom Tab wizard.
- 3. From the Object drop-down list, select Lunch.
- 4. For the Tab Style, click the lookup icon and select the apple, shown in Figure 11-12 (it was our only food option).
- 5. Accept the remaining defaults and click Next.
- 6. Click Next and then Save to finish creating the tab.
- 7. Once the tab has been created, it is added to your set of tabs

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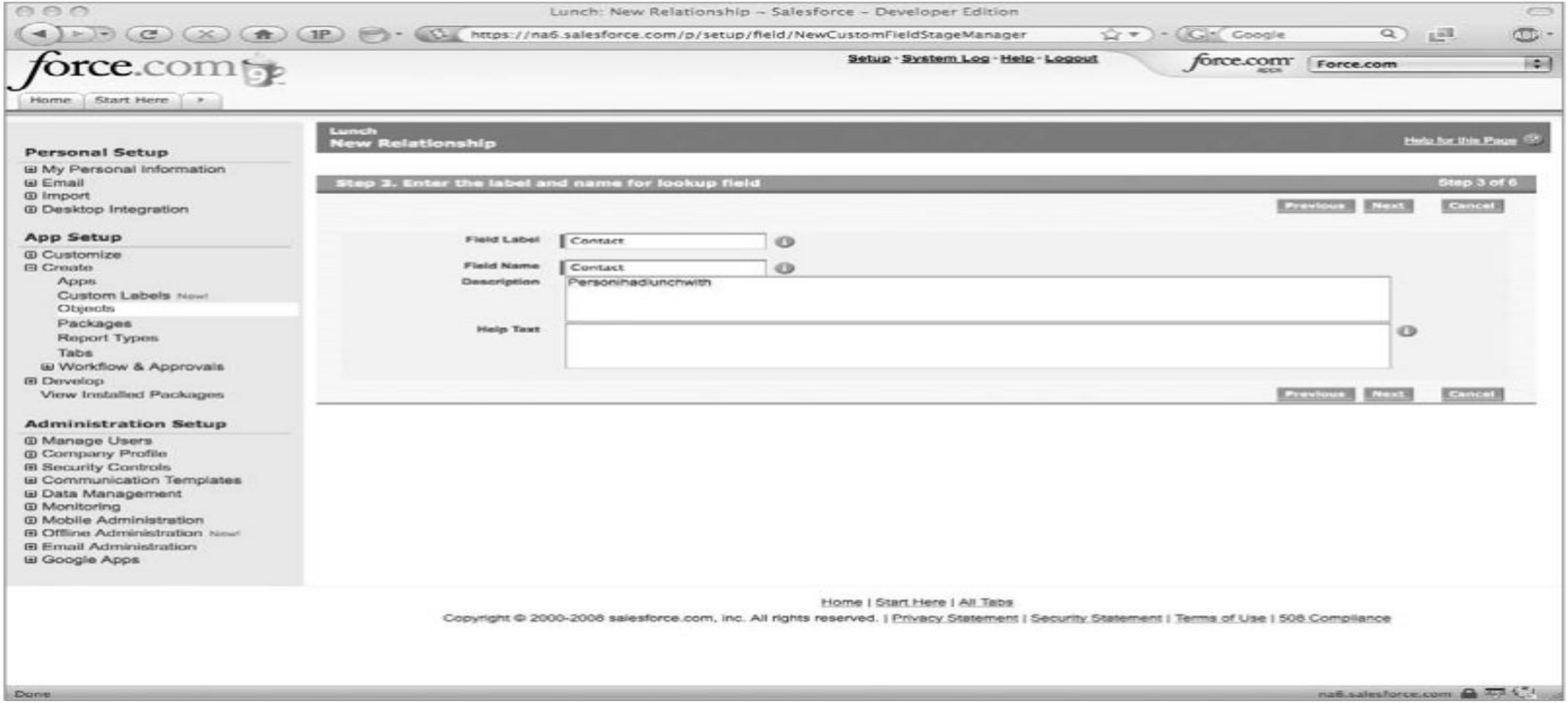

FIGURE 11-11 The Contacts field should be configured to look like this.

Make the App

- At this point, we have created three fields and a tab. These are all pulled together to create our app. You make the app by following these steps:
- 1. Go to Setup Create Apps.
- 2. Click New to launch the New Custom App Wizard.
- Enter the following details (shown in Figure 11-13):
- 1. Under App Label, enter Lunch Tracker.
- 2. Under the App Name, enter Lunch_Tracker
- 3. Under the Description, enter Thisapplicationtracksyourlunchexpenses.
- 4. Click Next.
- 5. Accept the defaults and the default logo for the app, and then click Next.
- 6. In the Available Tabs box, locate the Lunch tab and click Add to add it to the
- selected tabs.
- 7. Leave the Default Landing tab set to the Home tab and click Next.
- 8. Select the Visible check box to make the app available to all users.
- 9. Click Save to create the Lunch Tracker app.
- 10. Repeat the steps 1–9, but this time select the Contacts tab. This is shown in Figure 11-14.
- 11. After the app is created, it is shown on the Force.com app menu in the upper right

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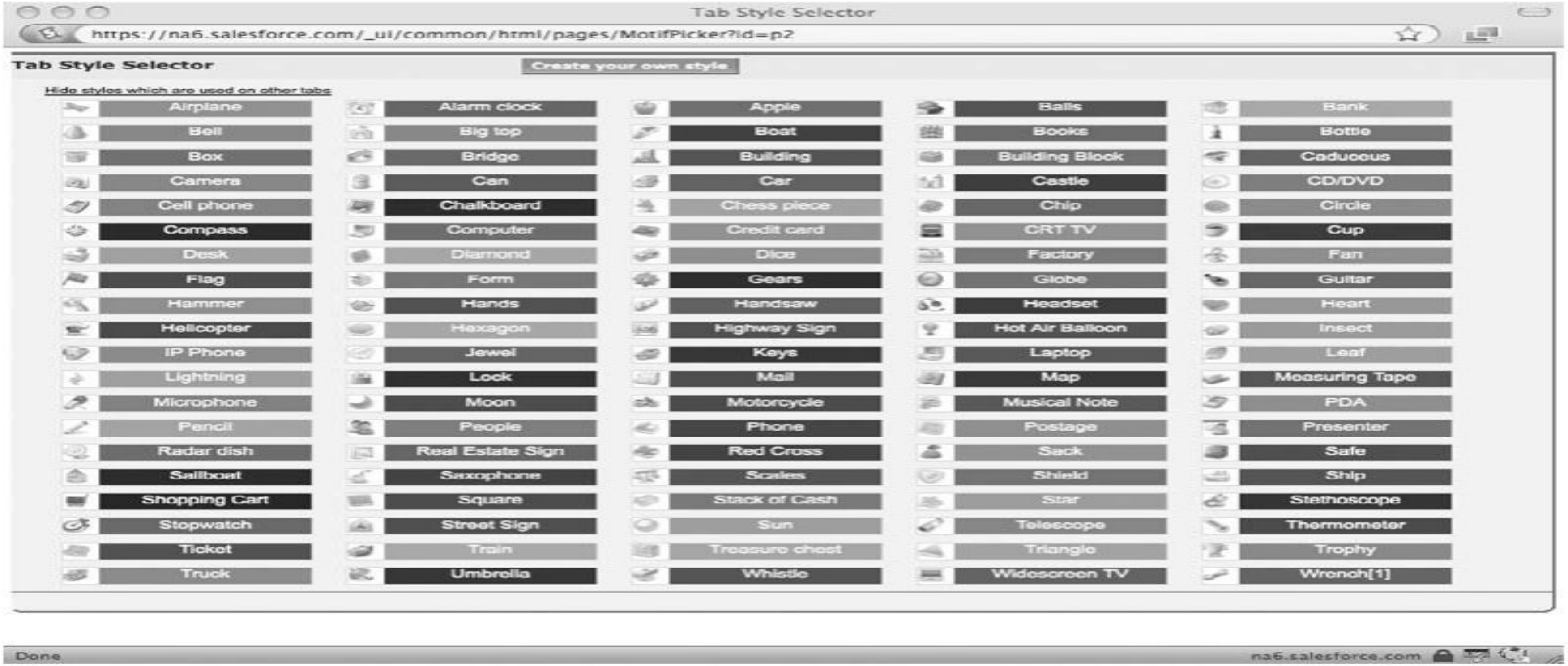

FIGURE 11-12 Start creating your app by defining a custom object.

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FIGURE 11-13 Configure your app to have settings like this one.

Test It Out :

Now that your app has been created, let's take it for a spin.

1. Select the Lunch Tracker application from the Force.com app menu at the upper right of the screen.

2. Click on the Lunch Tracker tab and click New to create a new lunch expense entry.

3. Enter some test data (our example is shown in Figure 11-15).

4. For the Contact field, click the lookup icon, click New to create a new contact named BruceDickinson, and then click Save.

5. Click Save to save your record and to return to the detail page for the new record. And there you have it.

- You were able to make your very own app on Salesforce quickly and easily, and you didn't need to use any coding—it was all point and click.

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FIGURE 11-14 Choose Contacts and Lunch to be included in tabs.