Lesson 7   Introduction to Locations

The business analysts of an insurance company sent the following user stories:

**Location User Story #1:** *"Let's say we look at a person, e.g. William Andy, and we want to know more details about his employer. Currently the only way to navigate to the employer is searching for it based on the company name. We want to make the employer widget clickable on the person's Person Info card on the Details page. When the user clicks on it, it should navigate to the Company Info card on the Details page of the company."* **–** Insurance company business analysts
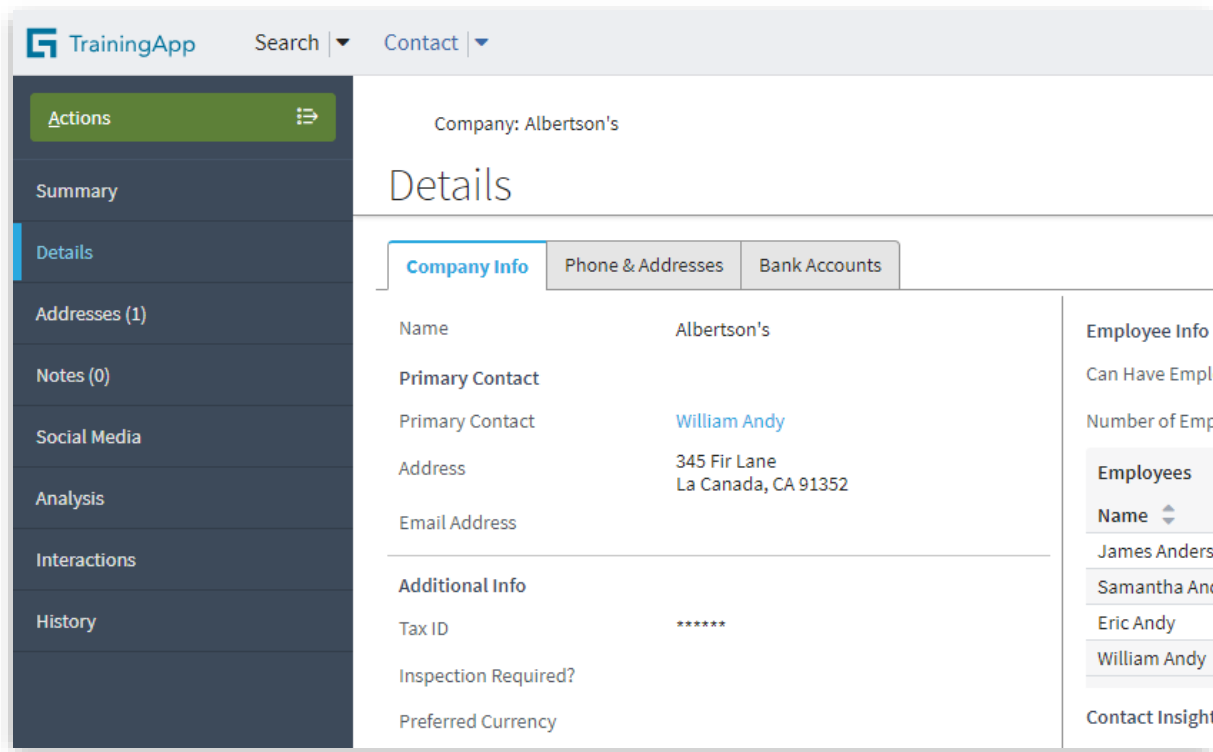
Location User Story #2: *"When we look at a company, e.g. Albertson's, we can see that it has a Primary Contact. However, currently the only way to know more about that contact is searching for him/her based on the name. We want to make the name of the primary contact navigable, so if the user clicks on it the system will display the Person Info card on the Details page of the person."* **–** Insurance company business analysts

7.1 Prerequisites

For this exercise, use TrainingApp, Guidewire Studio, and a supported web browser. http://localhost:8880/ab/ContactManager.do is the default URL for TrainingApp. To view, edit, and delete various contacts, log in to TrainingApp as Alice Applegate. The login/password for Alice Applegate is aapplegate/gw.

7.2 Lab: Location user story #1

"We want to make the employer widget clickable on the person's Person Info card on the Details page. When the user clicks on it, it should navigate to the Company Info card on the Details page of the company." – Insurance company business analyst

7.2.1   Write it down

1. **Question: What is the name of the destination PCF file? What is the entry point signature?**

2. **Question: What is the name of the source PCF file?**

Stop

7.2.2   Configuration

1. **Open Guidewire Studio**
   a) From the TrainingApp folder, open a command window and start Guidewire Studio for TrainingApp.
   b) Alternatively, use the Start TrainingApp Studio shortcut.

2. **Run or Debug the TrainingApp project**
   a) Use the main menu, toolbar, or keystroke to run or Debug the server.
   b) Verify that the Run or Debug Console tab shows `***** ContactManager ready *****`.

3. **Modify the Employer widget to link to the Employer's Details page**
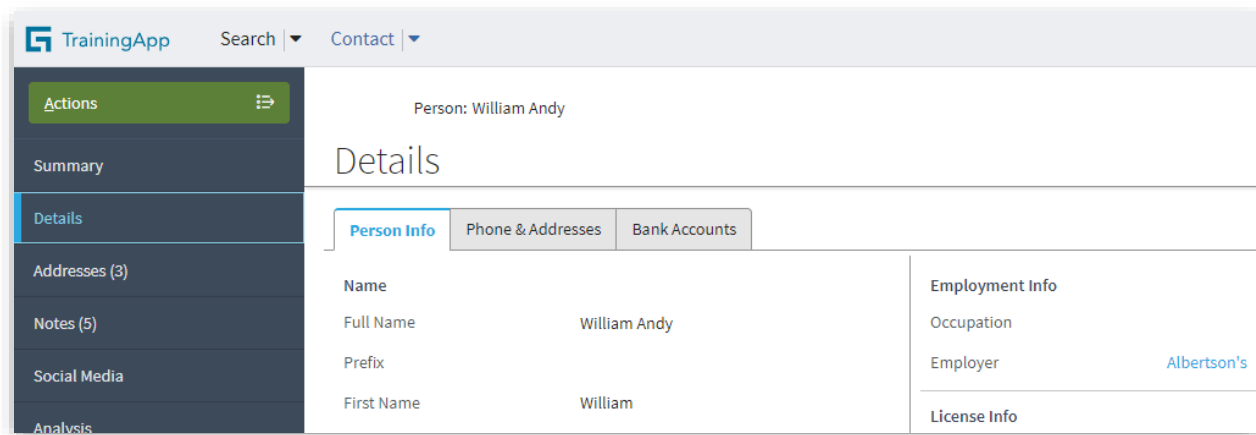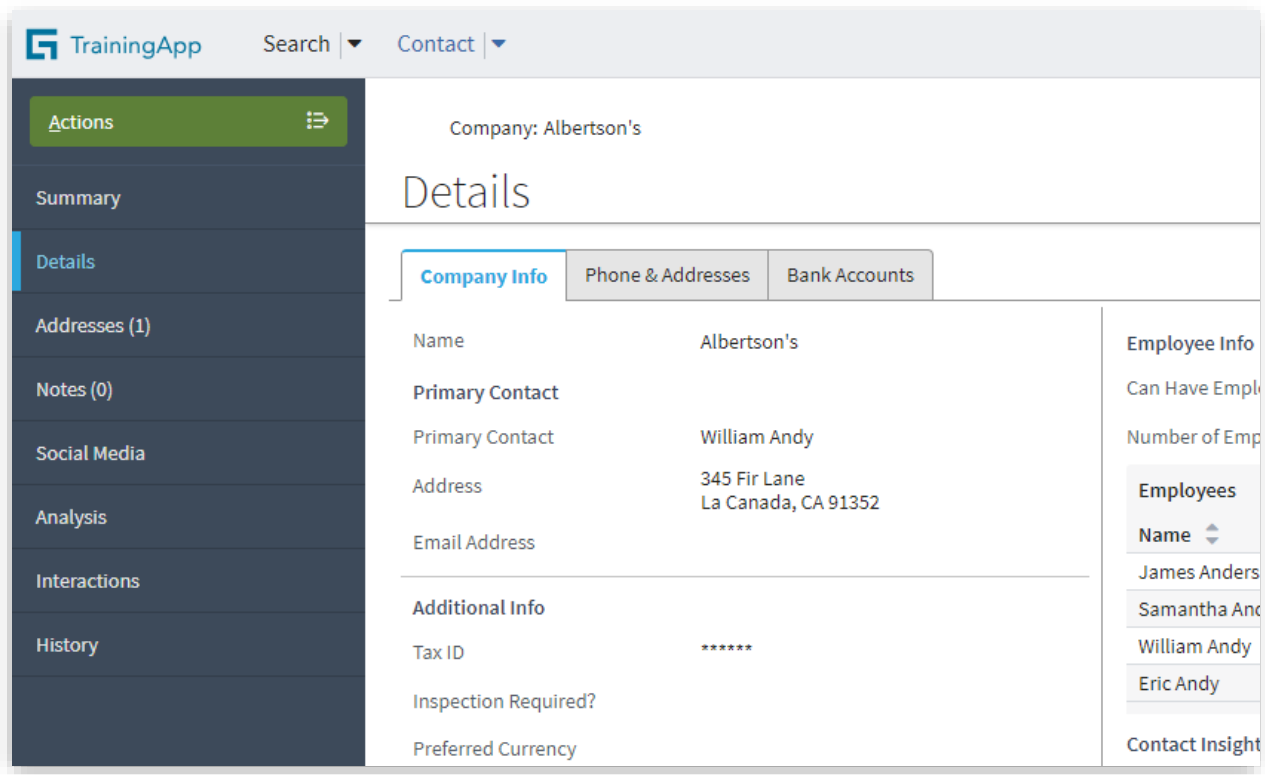

Figure 1 Source

Figure 2 Destination

Hint

Troubleshooting "Widget is not clickable after configuration"

If you configured the source widget's `action` property and reloaded the PCF changes, but the widget is still not clickable: verify that you are passing in the right data to the destination page. For example, if you wrote this:

```
ABCompanyDetailsPage.go(anABContact)
```

in the widget's action property, then use the `ALT + SHIFT + W` shortcut in the browser to verify what is data in the anABContact variable. If it is not the employer, then use the Data Dictionary to find out how you can get access to an ABPerson's Employer.

Guidewire API

The `action` property

Most atomic widgets have the `action` property. This can be set to a Gosu statement. When set, the atomic widget becomes clickable and when clicked, the Gosu statement is executed.

7.2.3 Verification

Activity

Verify the work you have done

1. **Reload the PCF changes**

   a) In TrainingApp, reload the changes to the PCF file(s) and display keys.

2. **Go to the Details page for William Andy**

   a) Click on edit and select Albertson's as the employer

   b) Click on update

   c) Verify that Albertson's is displayed as a link

   d) Verify if you click on the Albertson's link the application displays the Details page of Albertson's

7.3 Lab: Location user story #2

7.3.1 Write it down

"We want to make the name of the primary contact navigable, so if the user clicks on it the system will display the Person Info card on the Details page of the person." – Insurance company business analyst

1. **Question: What is the name of the destination PCF file? What is the entry point signature?**

2. **Question: What is the name of the source PCF file?**

 Stop

7.3.2   Configuration

1. **Modify the Primary Contact widget so that it links to the person's Details page.**

Figure 1 Source

Figure 2 Destination

Hint

Troubleshooting "You do not have the permission required to perform this action: ABCompanyDetailsPage"

Hint

In InsuranceSuite 9 and earlier, if the company does not have a primary contact, there is no visible link, but the widget is still clickable. If you click on the empty link, TrainingApp will throw an error. If you are working in one of these versions, you must configure the `available` property to fix this:

```
(anABContact as ABCompany).PrimaryContact != null or CurrentLocation.InEditMode
```

7.3.3   Verification

Activity

Verify the work you have done

1. **Reload the PCF changes**

   a) In TrainingApp, reload the changes to the PCF file(s) and display keys.

2. **Go to the Details page for Alberton's**

   a) If William Andy is not already the primary contact than click on Edit, select William Andy from the drop down list and click on Update.

   - Note#1: You can select a Primary Contact only from the list of employees.
   - Note#2: If the list of employees is empty, then navigate to William Andy's Details Page and set Albertson's as his employer.

   b) Verify that William Andy is displayed for the Primary Contact as a link

c) Verify if you click the link on the Primary Contact the application displays the Details page of William Andy

 Stop

7.4 Lab Solution: Location user story #1

 Solution

7.4.1 Write it down

1. **Question: What is the name of the destination PCF file? What is the entry point signature?**

   ABCompanyDetailsPage.pcf

   ABCompanyDetailsPage(anABContact : ABContact)

2. **Question: What is the name of the source PCF file?**

   ABContactDetailsPersonDV.pcf

7.4.2 Configuration

1. **Modify the Employer widget's action property in ABContactDetailsPersonDV.pcf:**

```
ABCompanyDetailsPage.go((anABContact as ABPerson).Employer)
```

7.5 Lab Solution: Location user story #2

Solution

7.5.1 Write it down

1. **Question: What is the name of the destination PCF file? What is the entry point signature?**

   Name: ABPersonDetailsPage.pcf, **Entry point:** ABPersonDetailsPage(anABContact : ABContact)

2. **Question: What is the name of the source PCF file?**

   ABContactDetailsCompanyDV.pcf

7.5.2   Configuration

1.   Modify the Primary Contact widget's action property in ABContactDetailsCompanyDV.pcf:

```
ABPersonDetailsPage.go((anABContact as ABCompany).PrimaryContact)
```