

## Lab 8. Interaction between Power Automate and Power Apps

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**Learning objective:** in many business scenarios, we need to have a PowerApps application calling a Flow.

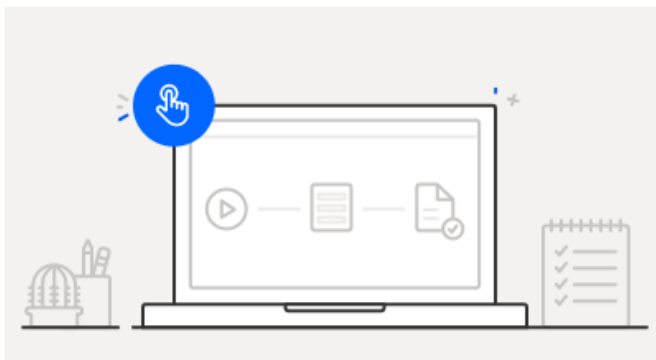
**Duration:** 30 minutes

**Scenario:** you will create a PowerApps form that will allow any user to create a Team. The first part of the lab will just call a dummy Flow that you will create. If time permits, you will invoke the Team creation Flow that you will create later.

### Tasks

1. Create an instant Flow with From PowerApps as the trigger:

#### Build an instant flow



Flow name

CreateTeamFromPowerApps

Choose how to trigger this flow \*



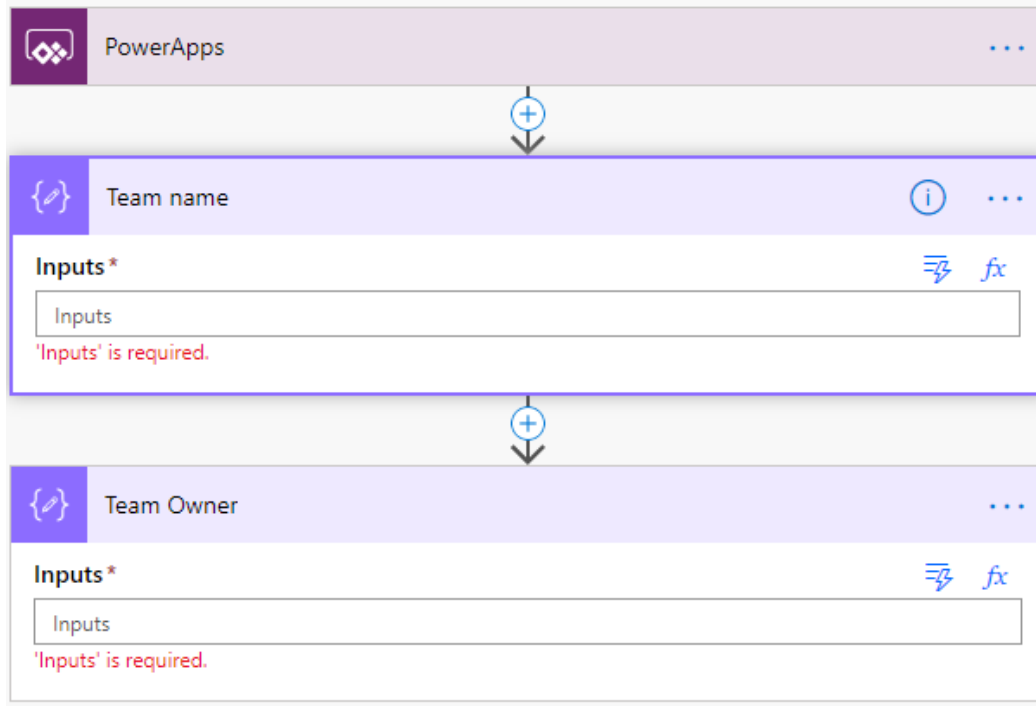
From Microsoft Flow  
Microsoft Flow



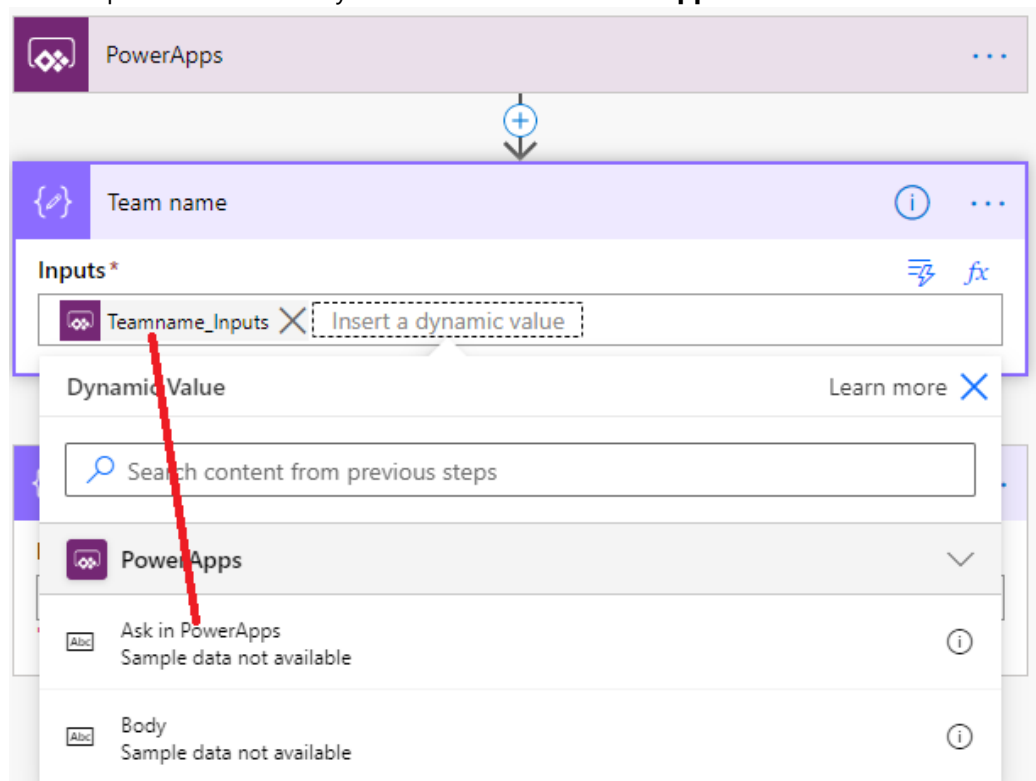
From PowerApps  
PowerApps



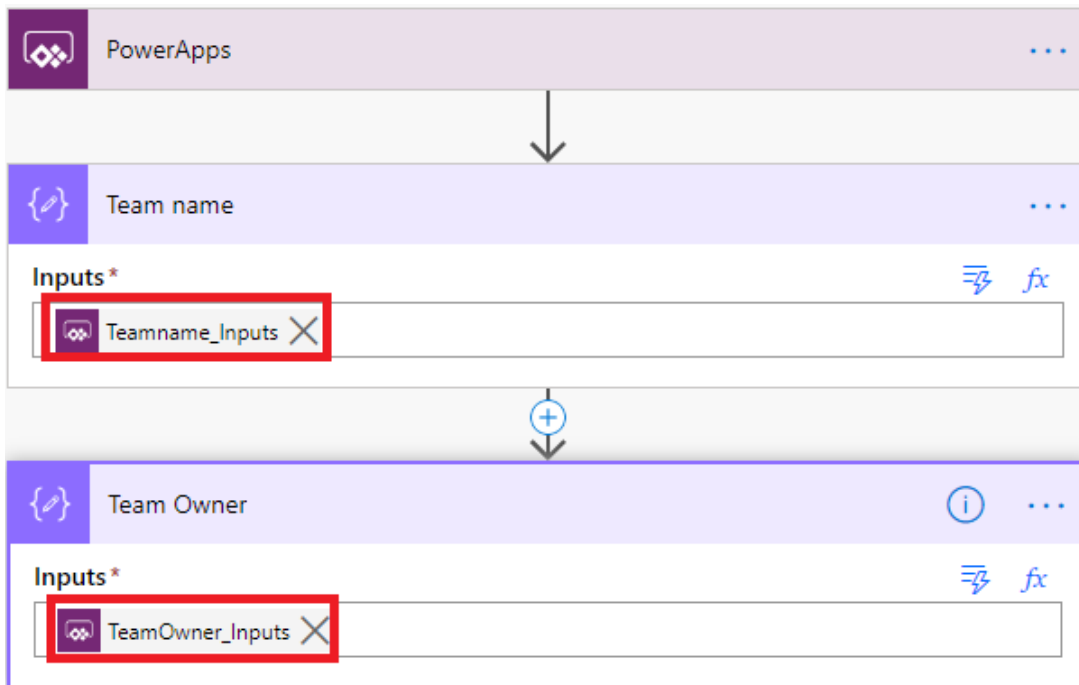
In this Flow, add 2 Compose actions and rename them accordingly:



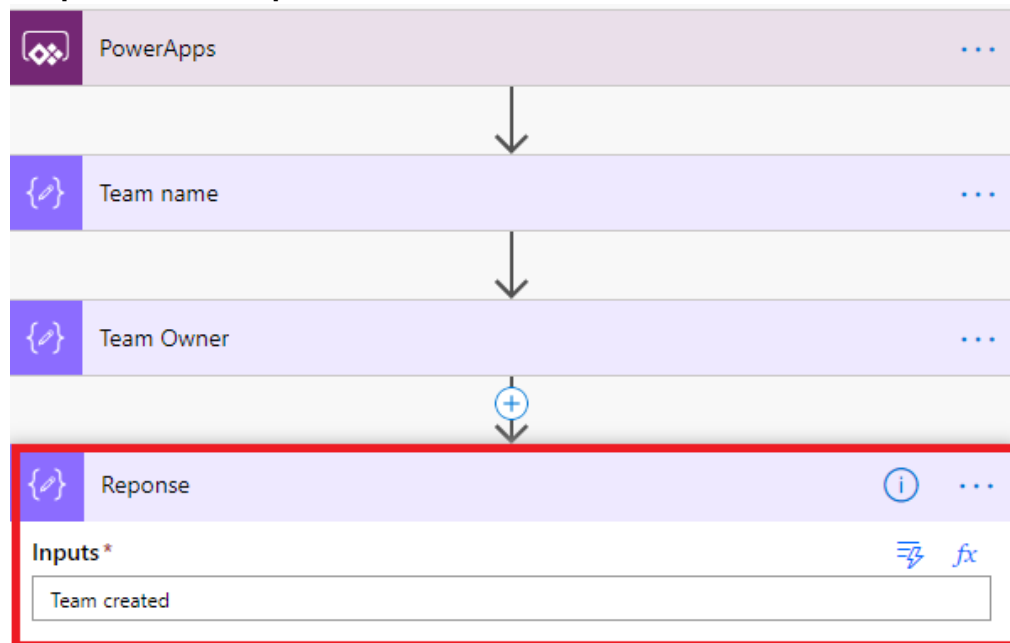
Link the Compose value to the Dynamic value **Ask in PowerApps**



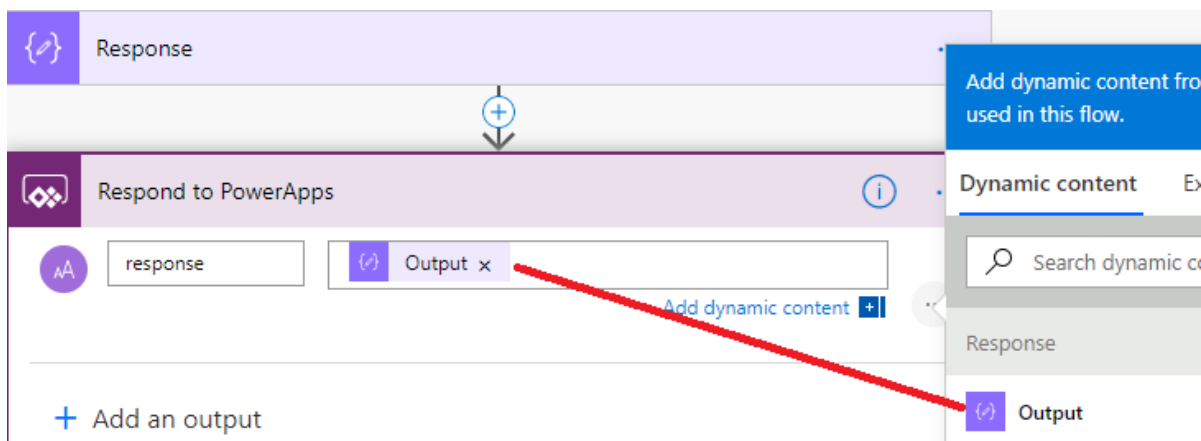
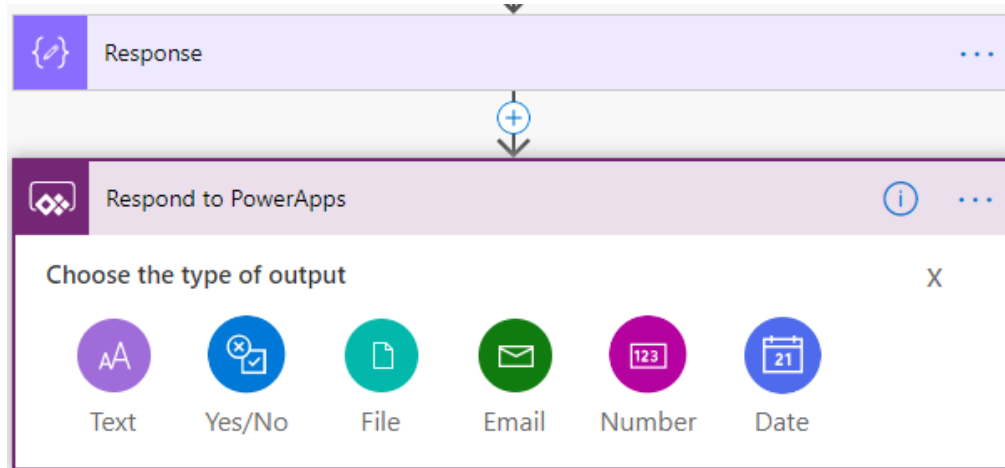
As you'll notice, this generates new dynamic values based on the action name. So be very careful when you name your actions or variables, because they will have an important impact on the parameters names of your flows.



Add new **Compose**, name it **Response** and set the text to "**Team created**";

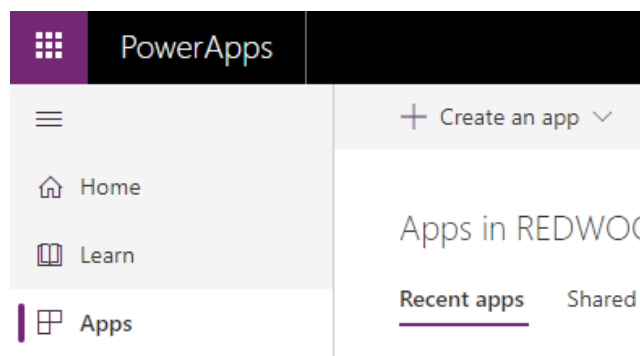


Add an action **Respond to PowerApps** that will return our response. Click **Text** as the output type:



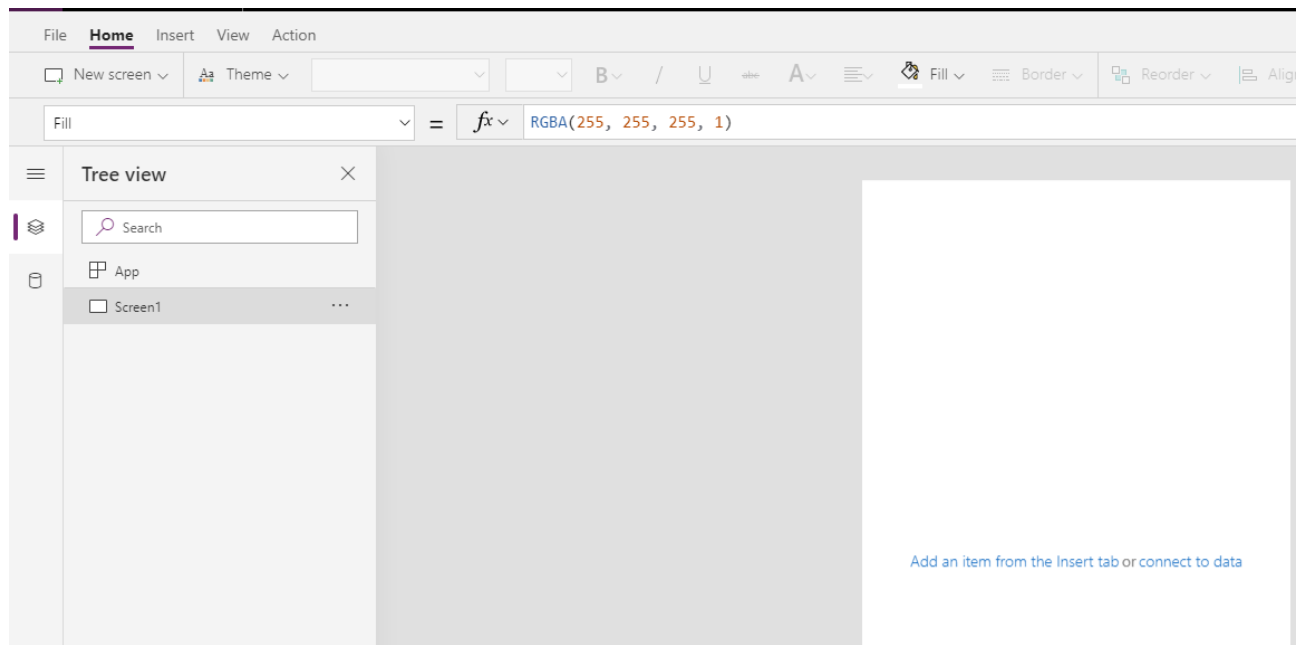
Save your Flow.

Now you will create a **PowerApps application** that will invoke our Flow. Go to **PowerApps.com**.  
Click on Apps, menu Create an App



Select the **Canvas** app.

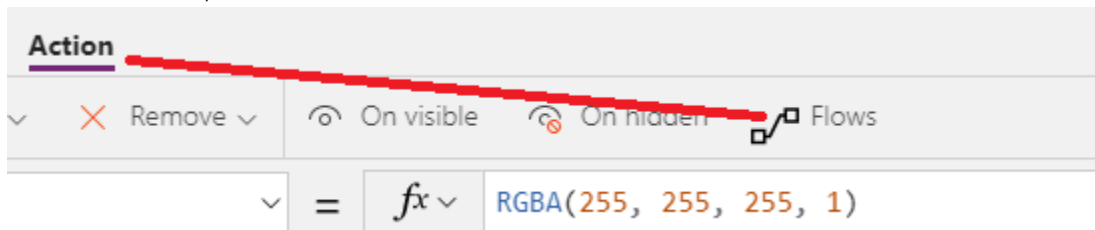
Click Phone Layout. The PowerApps Designer should show-up:



Add 2 labels, 2 textInput, and 1 button and rename them:



In the Action menu, click Flows:



Click the Flow you want to invoke:

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## Data

### Flows associated with 'Screen1'

No flows have been selected.

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## Flows

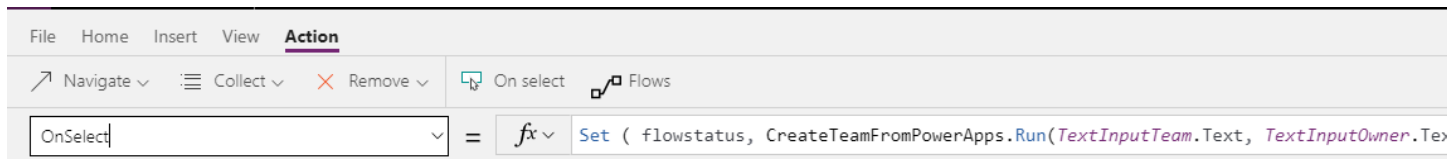


CreateTeamFromPowerApps

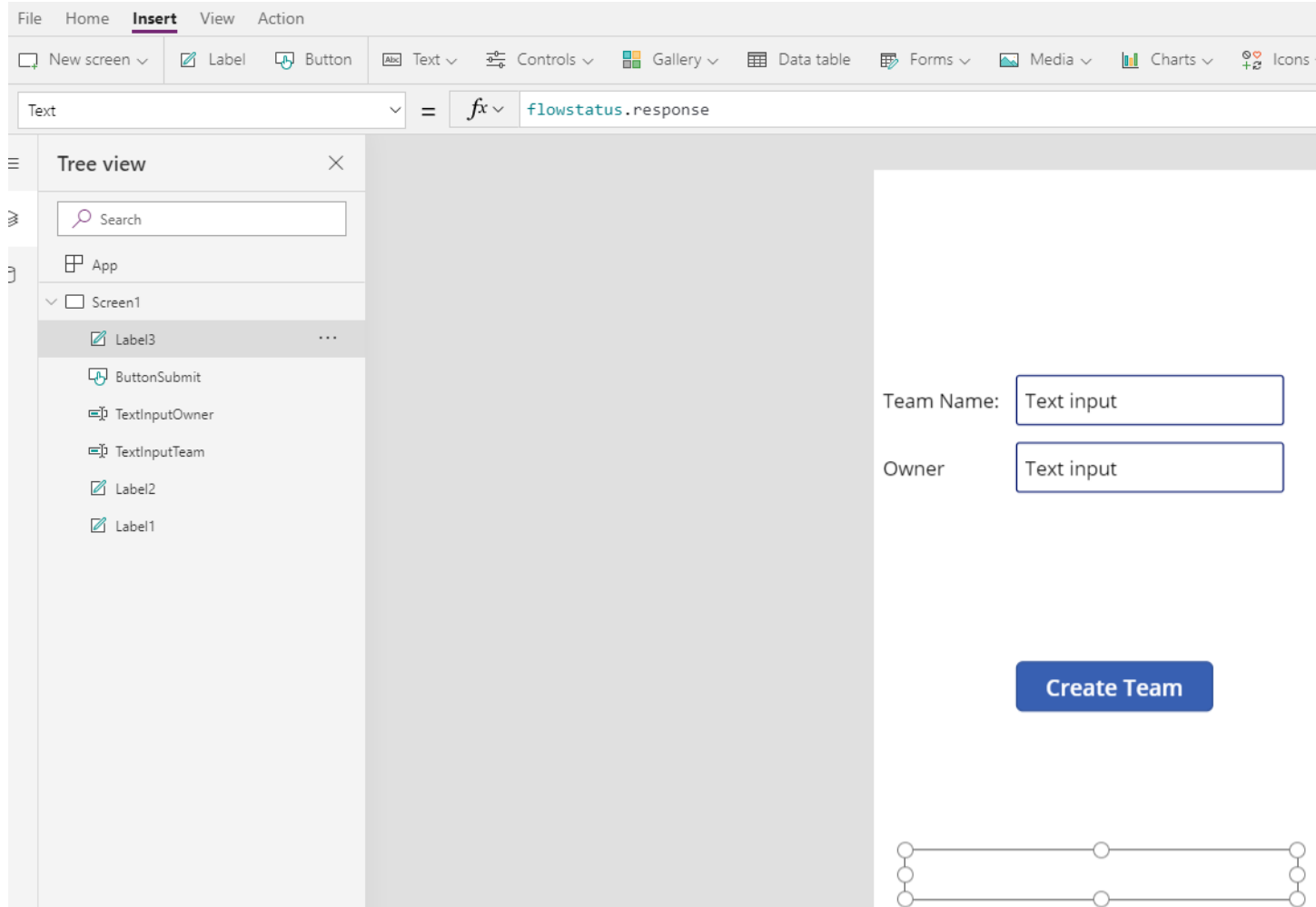
In the OnSelect property of the Button, call your Flow

Set ( Flowstatus, CreateTeamFromPowerApps.Run(TextInputTeam.Text; TextInputOwner.Text))

Basically, the Flow returned value will be stored in a variable called Flowstatus.



We will display the status in another label; add another label to the form:



This new label Text property must be FlowStatus.response.

Run the Application, click the Submit button, and you should see the returned value:

Team Name:

Owner

Create Team

Team created

Now you can apply this knowledge to your real Flow to generate a real team.



