

## 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.

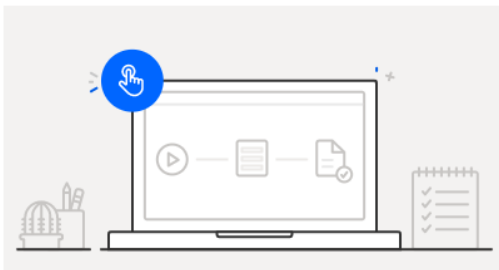
**Duration:** 30 minutes

**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

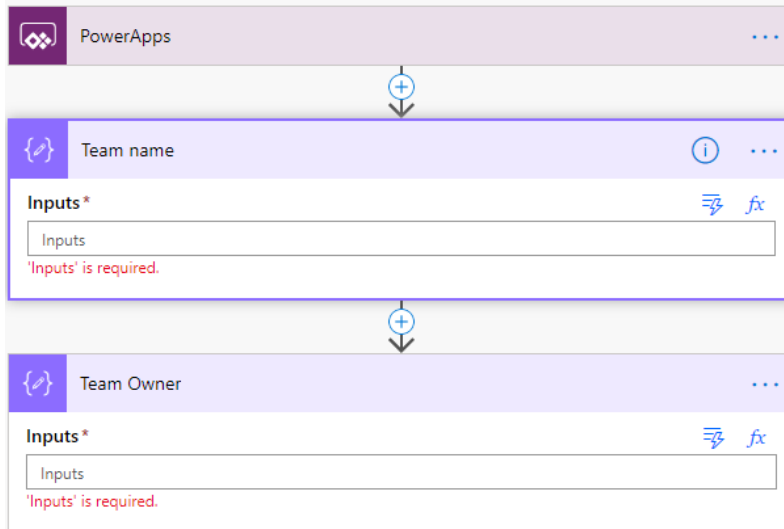


Flow name

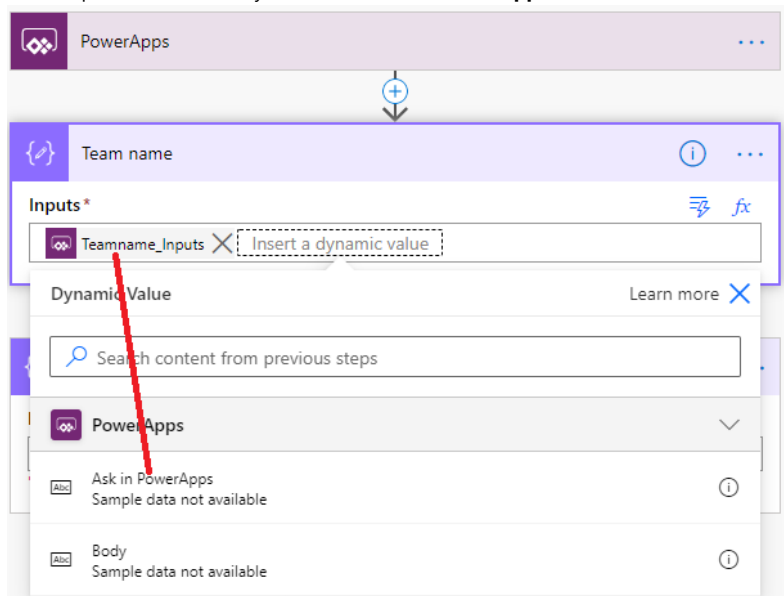
Choose how to trigger this flow \*

	From Microsoft Flow Microsoft Flow	
	From PowerApps PowerApps	

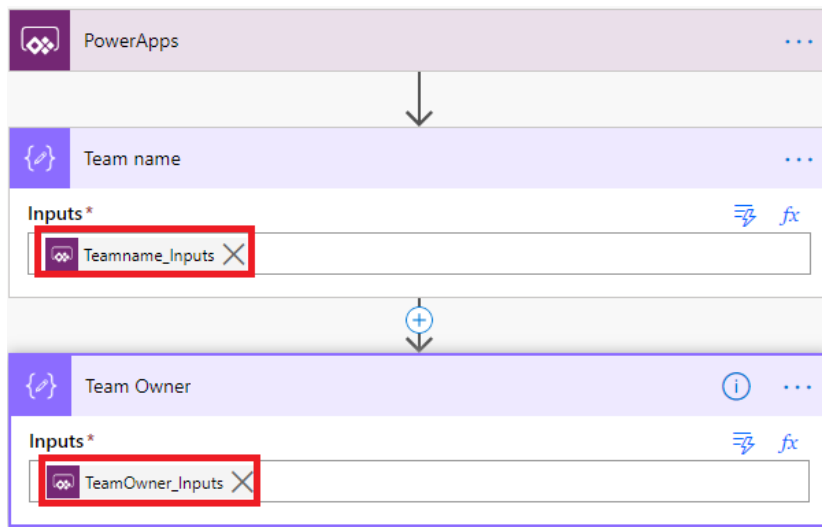
In this Flow, add 2 Compose actions and rename them accordingly:



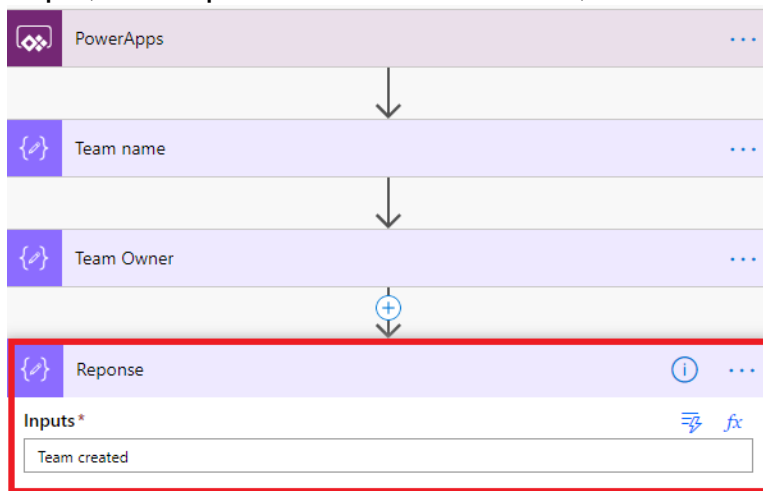
Link the Compose value to the Dynamic value **Ask in PowerApps**



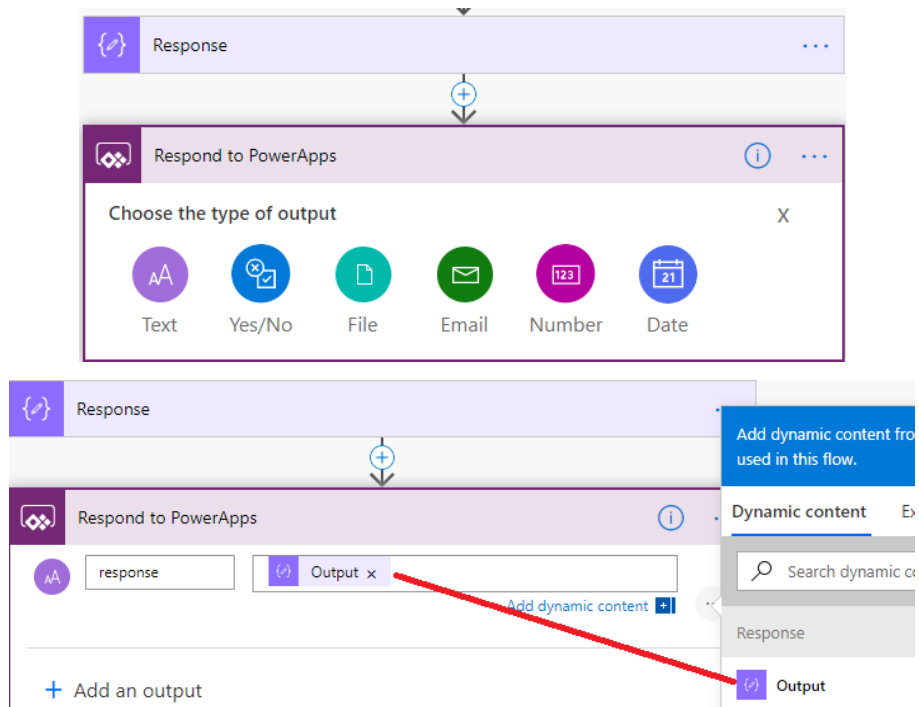
As you'll notice, this generates new dynamic values based on the action name. So be very careful when you name your actions or variables, because they will have an important impact on the parameters names of your flows.



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

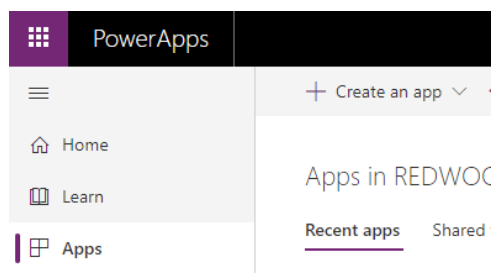


Add an action **Respond to PowerApps** that will return our response. Click **Text** as the output type:



Save your Flow.

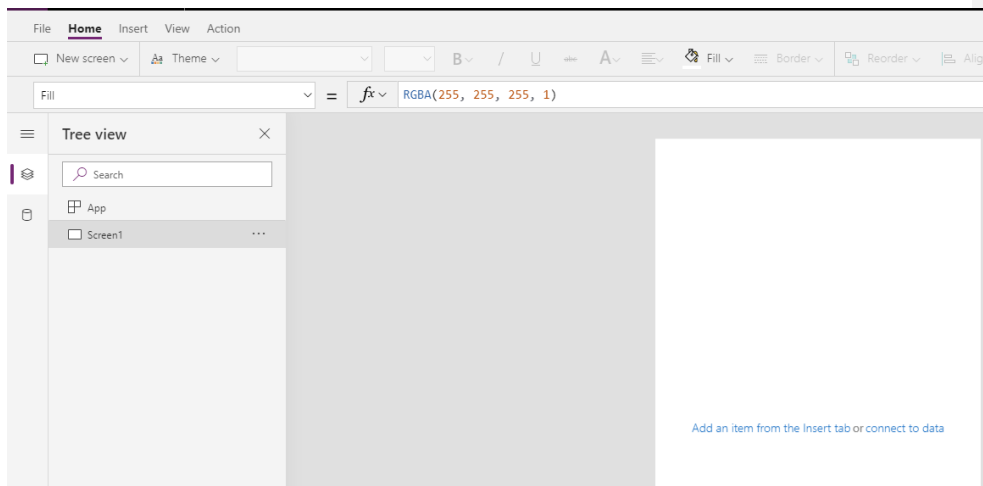
Now you will create a **PowerApps application** that will invoke our Flow. Go to **PowerApps.com**.  
Click on Apps, menu Create an App



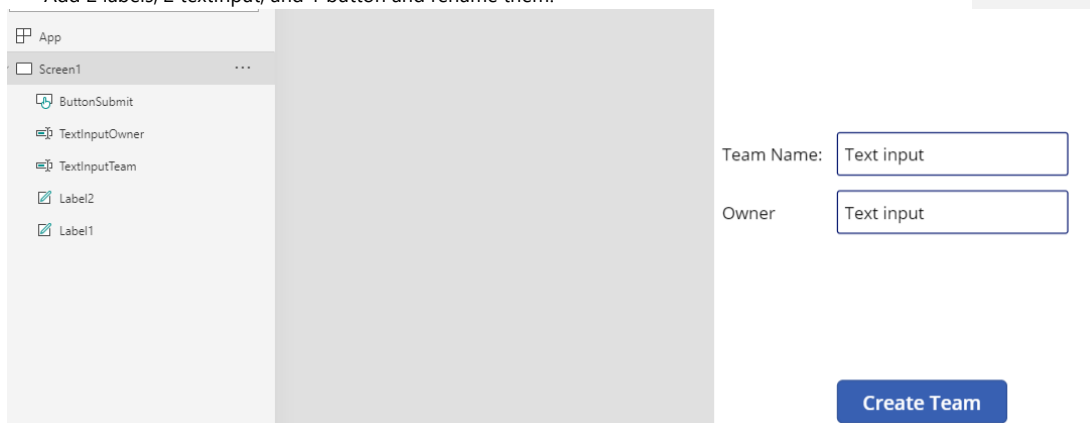
Select the **Canvas** app.

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

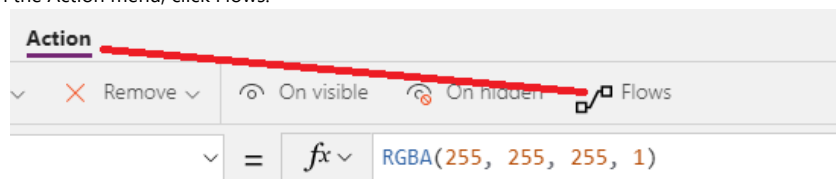
**Commented [A1]:** Nommer l'app ????



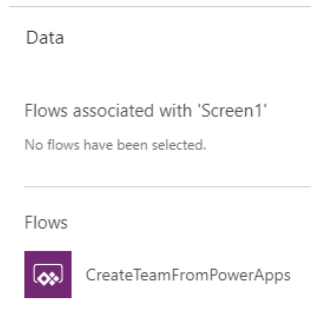
Add 2 labels, 2 textInput, and 1 button and rename them:



In the Action menu, click Flows:



Click the Flow you want to invoke:

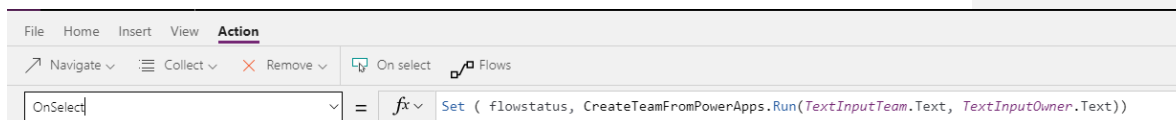


In the OnSelect property of the Button, call your Flow

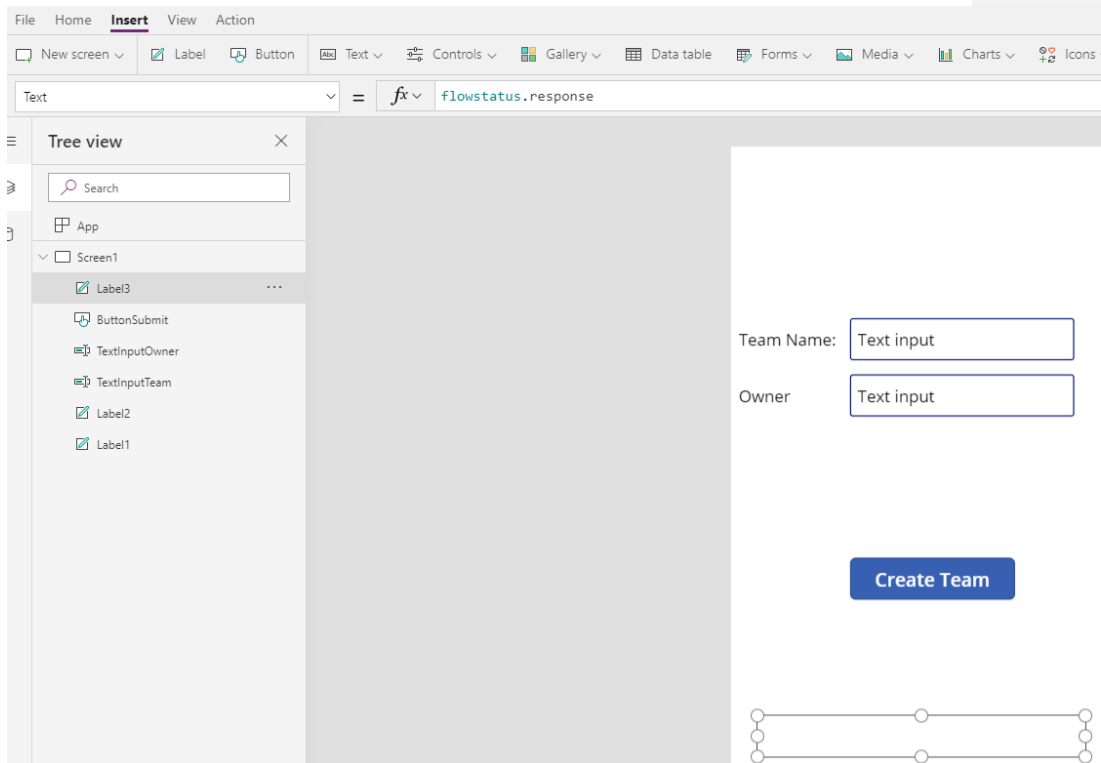
Set ( Flowstatus, CreateTeamFromPowerApps.Run(TextInputTeam.Text; TextInputOwner.Text))

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

**Commented [A2]:** Ce sont des ; pas des ,



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.



