

Power Apps and Power Automate Champion Training

Module 5: Advanced Activities in Power Automate

Student Lab Manual

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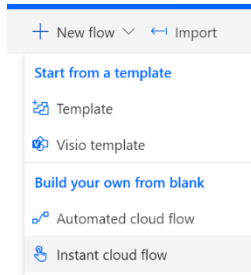
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Lab 1 - Start a flow in PowerApps

1. Create new Flow using “Instant cloud flow” option



2. Name it “PowerApp Car Rating” and choose “PowerApps”

Build an instant flow



Triggered manually from any device, easy-to-share instant flows automate tasks so you don't have to repeat yourself.

Examples:

- Get an automatic mobile alert whenever a VIP client emails you
- Save all your email attachments to a folder automatically

Flow name

PowerApp Car Rating

Choose how to trigger this flow *

- ☐ Manually trigger a flow
Flow button for mobile
- ☒ **PowerApps**
PowerApps
- ☐ When Power Virtual Agents calls a fl...
Power Virtual Agents
- ☐ When a flow step is executed
Common Data Service (current environment)
- ☐ For a selected message
Microsoft Teams
- ☐ For a selected file
OneDrive for Business
- ☐ For a selected file

Buttons: Skip, Create, Cancel

3. Add new step “Initialize variable”

- Name: **Rating**
- Type: **String**

Initialize variable

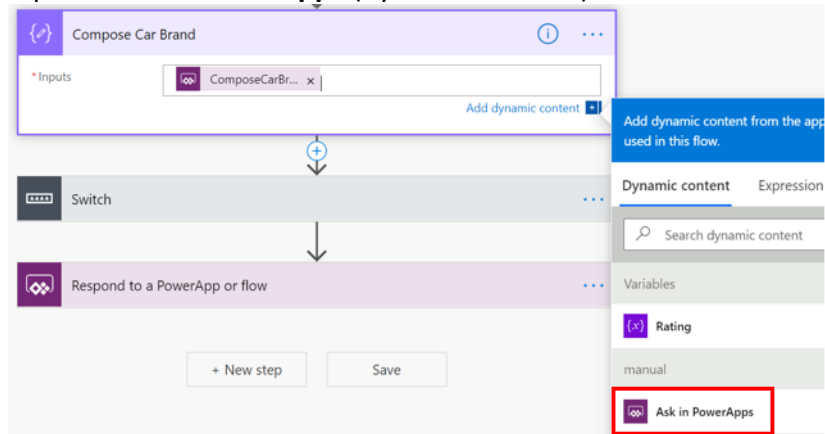
* Name: Rating

* Type: String

Value: Enter initial value

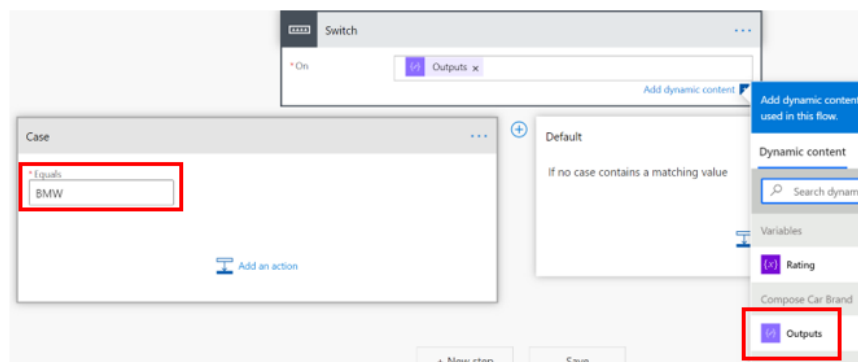
4. Add new step “**Compose**” and rename it to “**Compose Car Brand**”

- Inputs: **Ask in PowerApps** (dynamic content)



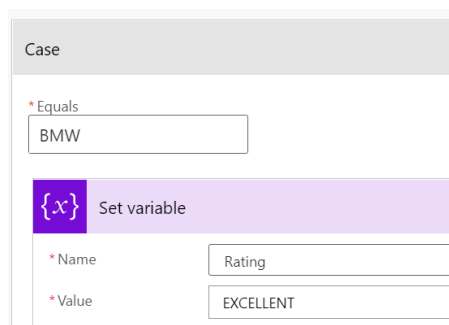
5. Add new step “**Switch**” (Control)

- On: **[Outputs]** (dynamic content from Compose)
- Case: **BMW**



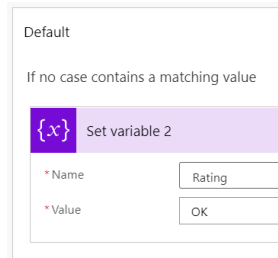
6. Add add action “**Set variable**” to **Case** branch of the Switch step

- Name: **Rating**
- Value: **EXCELLENT**



7. Add new step “**Set variable**” to **Default** branch of the Switch step

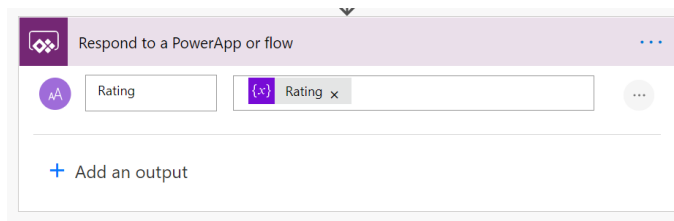
- Name:**Rating**
- Value:**OK**



The screenshot shows the configuration for a 'Set variable' step within the 'Default' branch of a switch. The step is titled 'Set variable 2'. Below the title, there are two input fields: 'Name' with the value 'Rating' and 'Value' with the value 'OK'.

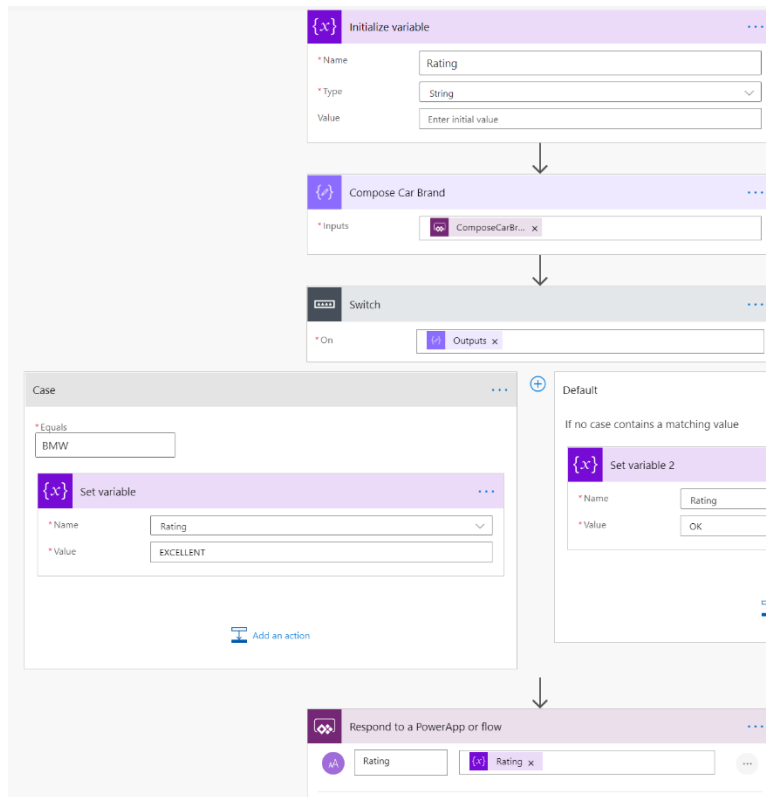
8. Add new step “**Respond to a PowerApp or Flow**”

- Rating: **[Rating]** (variable)



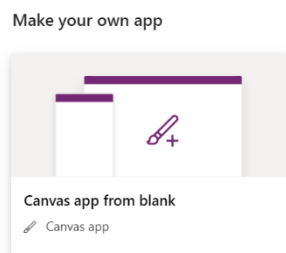
The screenshot shows the configuration for a 'Respond to a PowerApp or flow' step. The step has a title bar with a dropdown arrow. Below the title bar, there is a list of outputs. The first output is 'Rating' with a value of '{x} Rating x'. Below the list, there is a button labeled '+ Add an output'.

9. At this point Flow should look like below



10. Open <https://make.powerapps.com> and sign-in using your account.

11. Create new **“Canvas App from blank”**



12. Name app as **“Car Rating App – Your Name”** and select **Tablet** format

Canvas app from blank

App name *

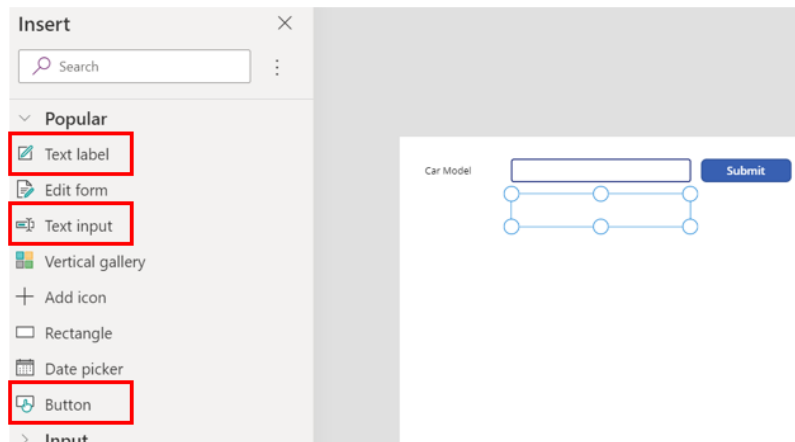
Format

☒ Tablet

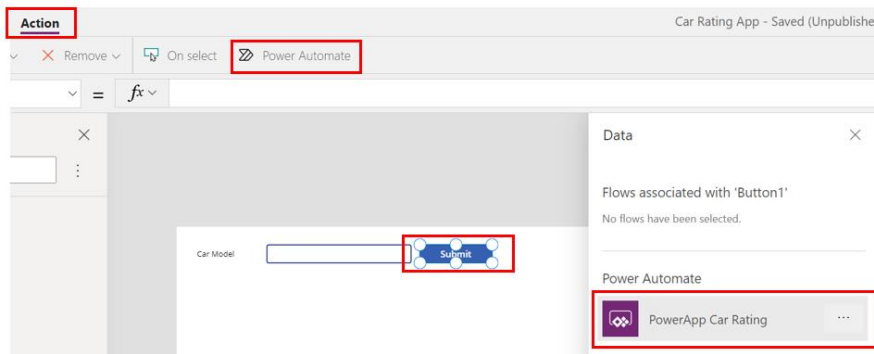
☐ Phone

13. Add following controls to screen

- Text label: Text="Car Model"
- Text input
- Button: Text="Submit"
- Text label: Text=""

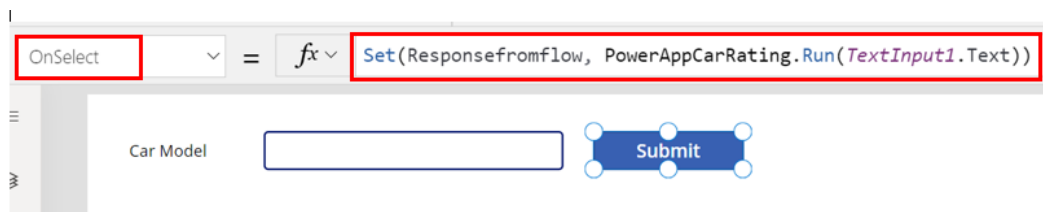


14. Select button control and from **Action** menu click **Power Automate**. Select **PowerApp Car Rating Flow** you created

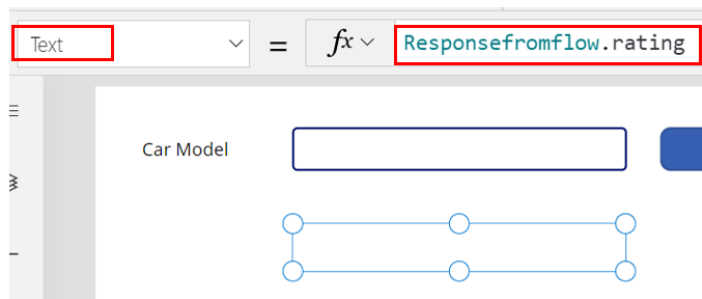


15. Set button's **OnSelect** event like below which will create variable **ResponseFromFlow** and assigns value returned from the Flow to this variable

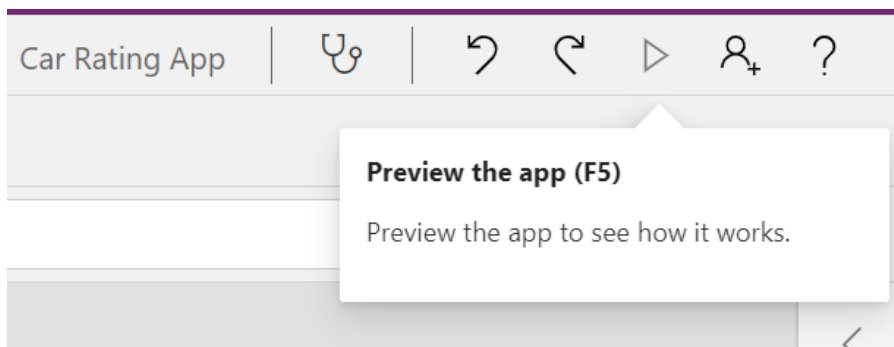
Set(ResponseFromFlow, PowerAppCarRating.Run(TextInput1.Text))



16. Select the second Text label and set its Text property to **ResponseFromFlow.rating**



17. Test the App by clicking Play button on top right corner



18. Type BMW to text input field and press **Submit**. You should see the following result after the call to Flow is done and it has responded to app with **Rating** value

Car Model

EXCELLENT

19. Test with other car brands as well to see the results.