Power Apps and Power Automate Champion Training

Module 5: Advanced Activities in Power Automate

Student Lab Manual

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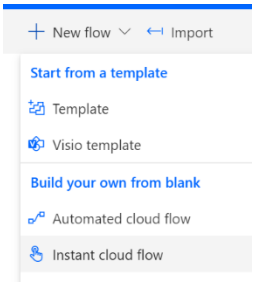
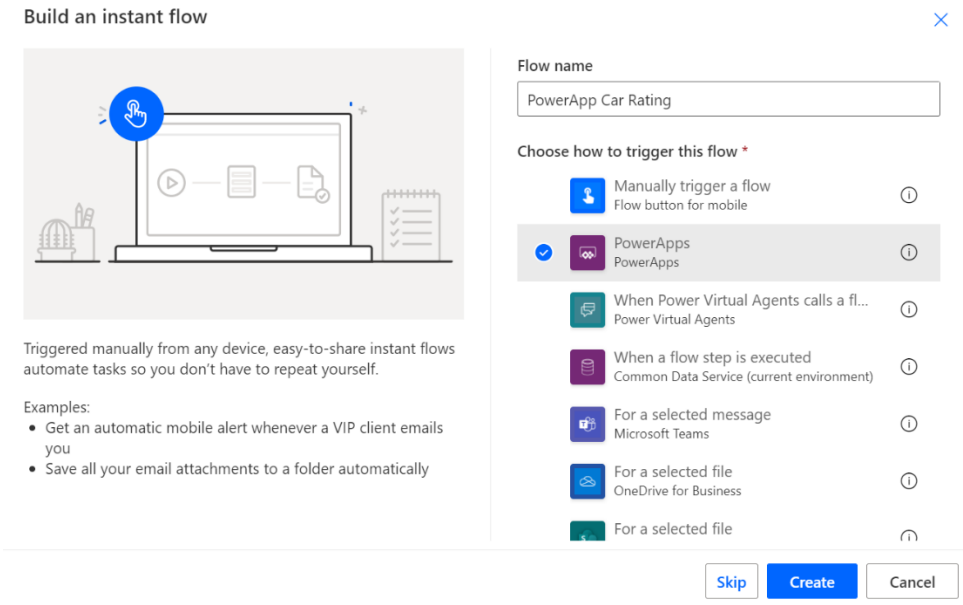
Lab 1 - Start a flow in PowerApps

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

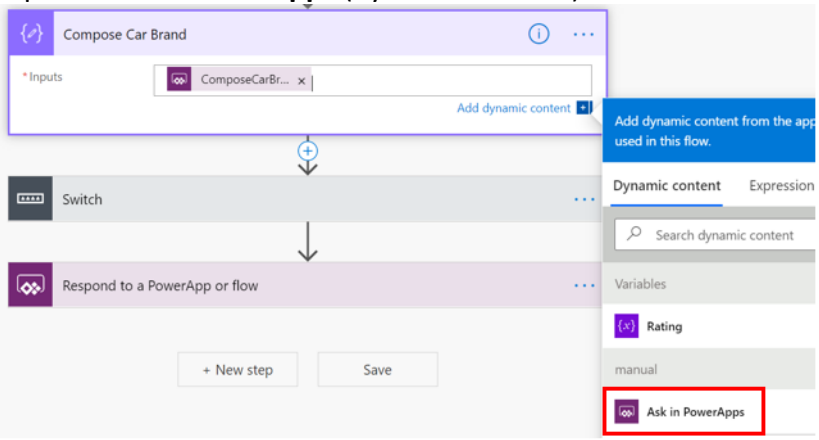


2. Name it “**PowerApp Car Rating**“ and choose “**PowerApps**”

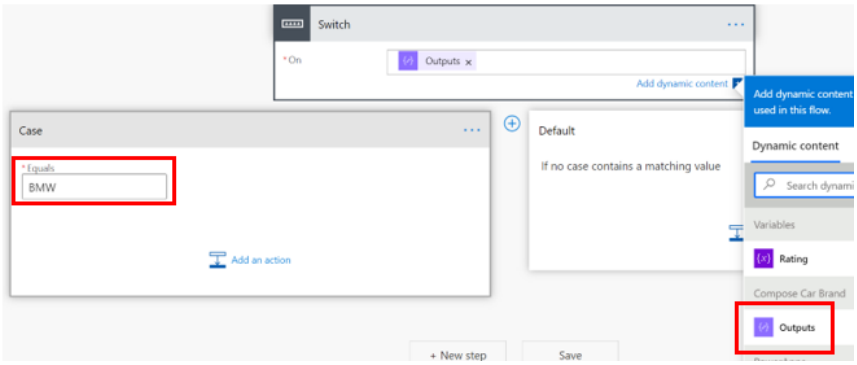


3. Add new step “**Initialize variable**”
   - Name: **Rating**
   - Type: **String**

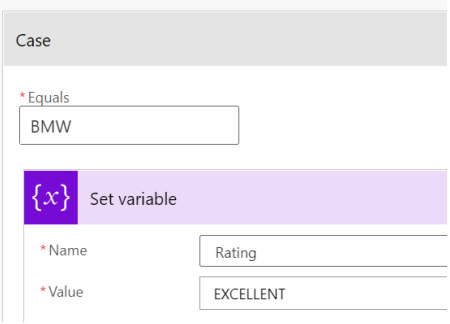
4. Add new step “**Compose**” and rename it to “**Compose Car Brand**”
    - Inputs: **Ask in PowerApps** (dynamic content)



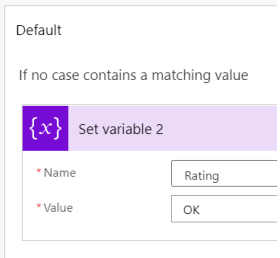
5. Add new step “**Switch**” (Control)
    - On: **[Outputs]** (dynamic content from Compose)
    - Case: **BMW**



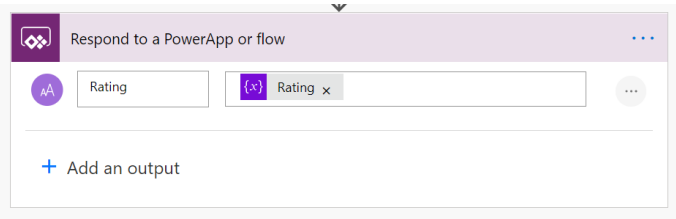
6. Add add action “**Set variable**” to **Case** branch of the Switch step
    - Name:**Rating**
    - Value:**EXCELLENT**



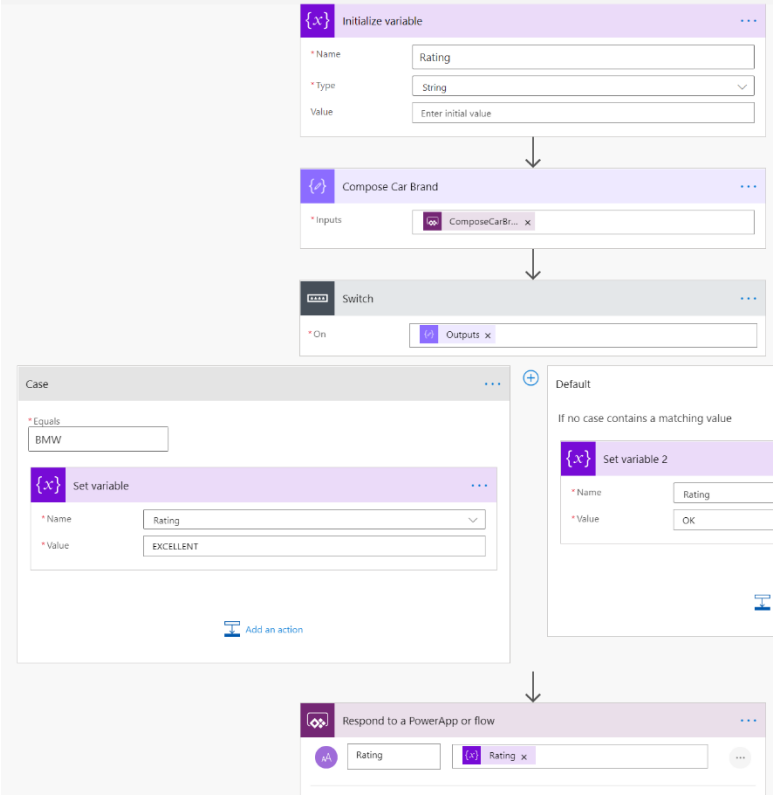
7. Add new step “**Set variable**” to **Default** branch of the Switch step
    - Name:**Rating**
    - Value:**OK**



8. Add new step “**Respond to a PowerApp or Flow**”
    - Rating: **[Rating]** (variable)

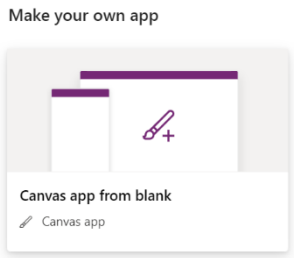


9. At this point Flow should look like below

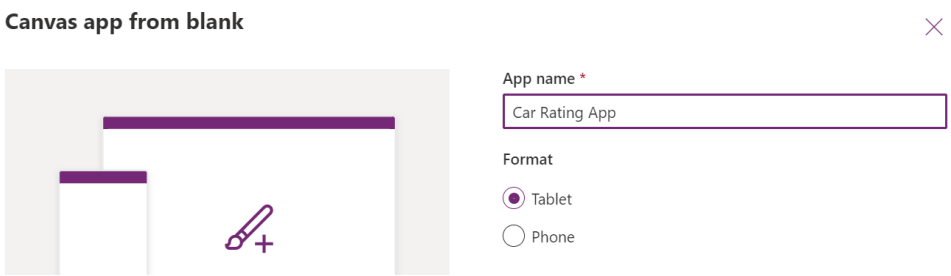


10. Open https://make.powerapps.com and sign-in using your account.

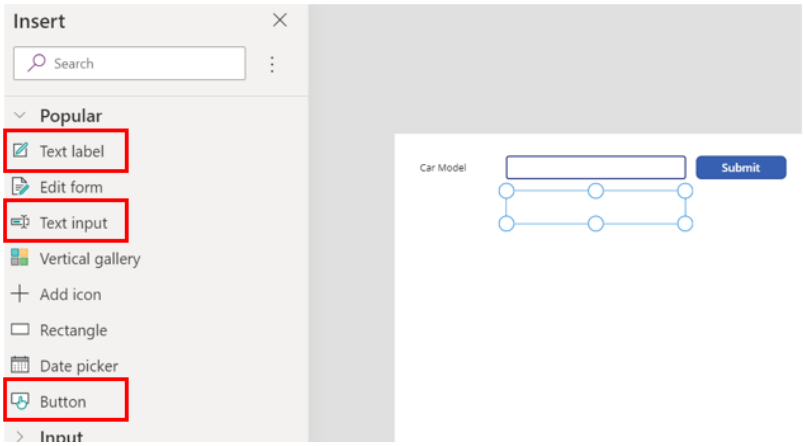
11. Create new "**Canvas App from blank**"



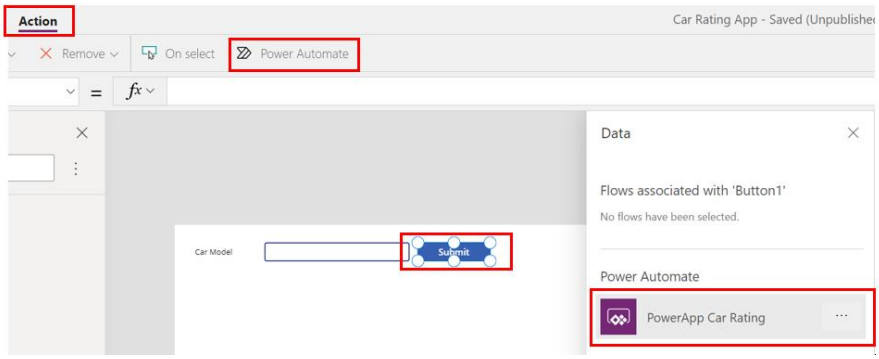
12. Name app as "**Car Rating App – Your Name**" and select **Tablet** format



13. Add following controls to screen
    - Text label: Text=”**Car Model**”
    - Text input
    - Button: Text=”**Submit**”
    - Text label: Text=””

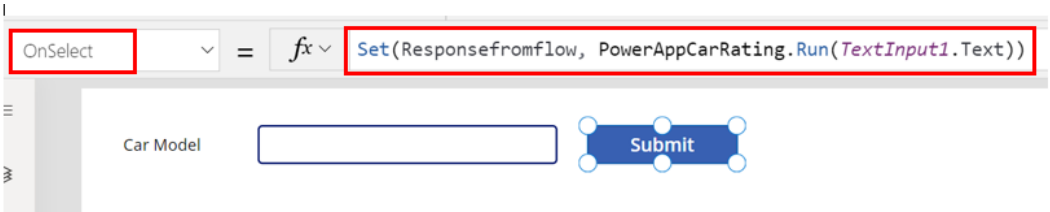


14. Select button control and from **Action** menu click **Power Automate**. Select **PowerApp Car Rating** Flow you created

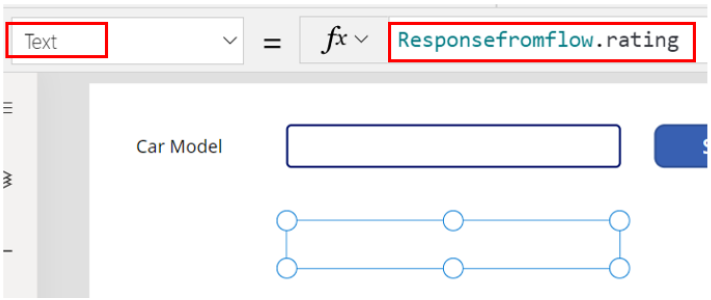


15. Set button’s **OnSelect** event like below which will create variable **ResponseFromFlow** and assigns value returned from the Flow to this variable

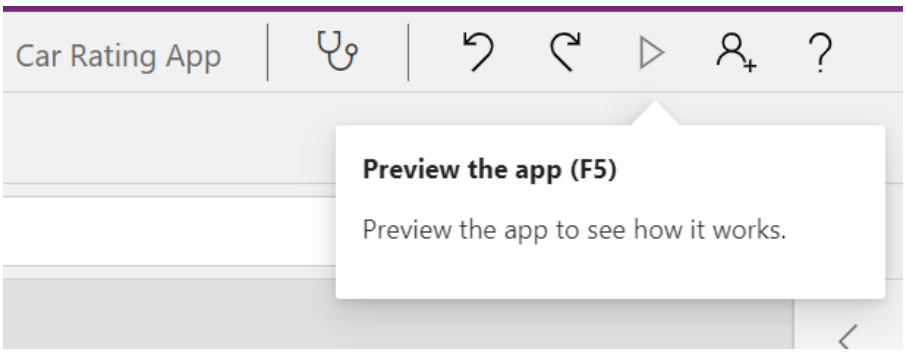
    Set(ResponseFromFlow, PowerAppCarRating.Run(TextInput1.Text))



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

EXCELLENT

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