

=====

Exercise 1 - Configuring the Solutions

Task 1 – Add Columns to Questions

1. Navigate to <<https://make.powerapps.com>>.
2. Make sure you are in the correct environment.
3. Select **Solutions**.
4. Click to open the **Wired Brain Coffee Solution**.
5. Click to open the **Question** table.
6. Click **+ Add Column**.
7. Enter **Question Type** for **Display Name** and select **Choice** for **Data Type**.
8. Click on the **Choice** dropdown and click **+ New Choice**.
9. Enter **Drinks** and click **Add New Item**.
10. Enter **Food** and click **Save**.
11. From the **Required** dropdown, select **Required**.
12. Click **Done**.
13. Click **+ Add Column**.
14. Enter **Scenario Description** for **Display Name**, select **Text Area** for **Data Type**, and click **Done**.
15. Click **Save Table**.

Task 2 – Add Columns to Question Form

1. Make sure you still have the **Question** table selected.
2. Select the **Forms** tab and click to open the **Main** form.
3. Drag the **Question Type** column from the **Table columns** and drop it above the **Question** column on the form.
4. Drag the **Scenario Description** column and drop it below the **Question Type** column.
5. With **Scenario Description** selected, check **Hide**.
6. Uncheck **Show only unused table columns** and drag the **Survey** column and drop it below the **Owner** column on the form.
7. Click **Save**.
8. Click **Publish**.
9. Click **Back**.

10. Click on the solution name **Wired Brain Coffee Solution** located in the navigation breadcrumbs.
11. Click **Publish all customizations**.

Exercise 2 – Create Business Rule

Task 1 – Create Question Type Business Rule

1. Click to open the **Question** table.
2. Select the **Business Rules** tab and click **Add business rule**.
3. Next to **New business rule** name at the top of the screen, select the dropdown carrot.
4. Enter **Question Type Rule** for **Business Rule Name**. You can select the dropdown carrot again to collapse this section.
5. Select the **Condition** and enter **Check Question Type** for **Display Name**.
6. Go to the **Rules** section, select **Question Type** for **Field**, select **Equals** for **Operator**, select **Value** for **Type**, and select **Drink** for **Value**.
7. Click **Apply**.
8. Select the **Components** tab.
9. Drag **Set Visibility** action and place it on the **True** side (on the right side) of the condition.
10. Enter **Show Scenario Description** for **Display Name**, select **Scenario Description** for **Field**, select **Yes** for **Visible** and click **Apply**.
11. Select the **Components** tab.
12. Drag **Set Business Required** action and place it after the **Show Scenario Description** action.
13. Select the new action, enter **Make Scenario Required** for **Display Name**, select **Scenario Description** for **Field**, select **Business Required** for **Status** and click **Apply**.
14. Drag **Set Visibility** action and place it on the **False** side (below) of the condition.
15. Enter **Hide Scenario Description** for **Display Name**, select **Scenario Description** for **Field**, select **No** for **Visible** and click

Apply.

16. Select the **Components** tab.
17. Drag **Set Business Required** action and place it after the **Hide Scenario Description** action.
18. Select the new action, enter **Remove Scenario Requirement** for **Display Name**, **select** Scenario Description for **Field**, **select** Not Business Required for **Status** and **click** Apply.
19. Select the **Components** tab.
20. Drag **Set Field Value** action and place it after the **Remove Scenario Requirement** action.
21. Select the new action, enter **Clear Field** for **Display Name**, select **Scenario Description** for **Field**, select **Clear** for **Type** and **click** Apply.
22. Change the **Scope** to **All Forms**. You can find the Scope in the command bar.
23. Click **Save**.
24. Click **Activate**.
25. Confirm activation.
26. Close the business rule designer.
27. Click **Done**.

Task 2 – Test Business Rule

1. Select **Apps** and click on the **HR Survey Admin** Model-Driven application.
2. Navigate to **Surveys** and click **+ New**.
3. Enter **Survey Four** for **Title**, select today's date for **Start Date**, a month from today for **End Date**, and click **Save**.
4. Select the **Questions** tab.
5. Click **+ New Question**.
6. Type **Test Question** for **Question**.
7. Select **Drink** for **Question Type**. The **Scenario** column will come to view, and it will be required.
8. Type **This is a test Scenario** in the **Scenario Description**.
9. Change the **Question Type** to **Drink**. The **Scenario** column will disappear.

10. Change the **Question Type** back to **Scenario**. The **Scenario Description** **will come to view again and the text you entered will no**
longer be there.
11. Type **This is a test Scenario** for **Scenario Description**.
12. In the **Answers** section, enter **Test Answer One** for
Answer 1, enter **20** for **Answer 1 Points**.
13. Click **Save**. You can close the model-driven app.