

Module 2 – Model-Driven Apps UI/UX

Goal

To design a series of views & forms for the Vehicle table while adhering to UI/UX best practices.

You will learn how to:

- Create views & forms to display data
- Related fields and lookups
- Sub-grid controls, Timeline controls and Quick-View controls
- Charts and Dashboards

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Start A New Model-Driven App

We will begin by creating a Model-Driven App. The app will enable employees to conduct inspections and manage master data such as: vehicles, customers and inspection templates

1. Open the Vehicle Inspections solution and create a new model-driven app.

The screenshot shows the Microsoft Power Apps interface. On the left, there's a sidebar with various icons and a search bar. The main area is titled "Objects" and has a search bar. Below it, a list of objects is shown, with "App" selected. A dropdown menu for "App" is open, showing three options: "Canvas app", "Model-driven app", and "Page". The "Model-driven app" option is highlighted. The list of objects includes "Agent", "Automation", "Dashboard", "Report", "Security", "Table", and "More". Under "Table", there are entries for "ppcc_account", "ppcc_Car", "ppcc_checklistitem", and "ppcc_checklistsite...". Under "More", there are entries for "ppcc_Connection Reference...", "ppcc_contact", and "Create Repair Quote f...".

2. Name the app "Vehicle Inspection Management". Press the Create button.

New model-driven app

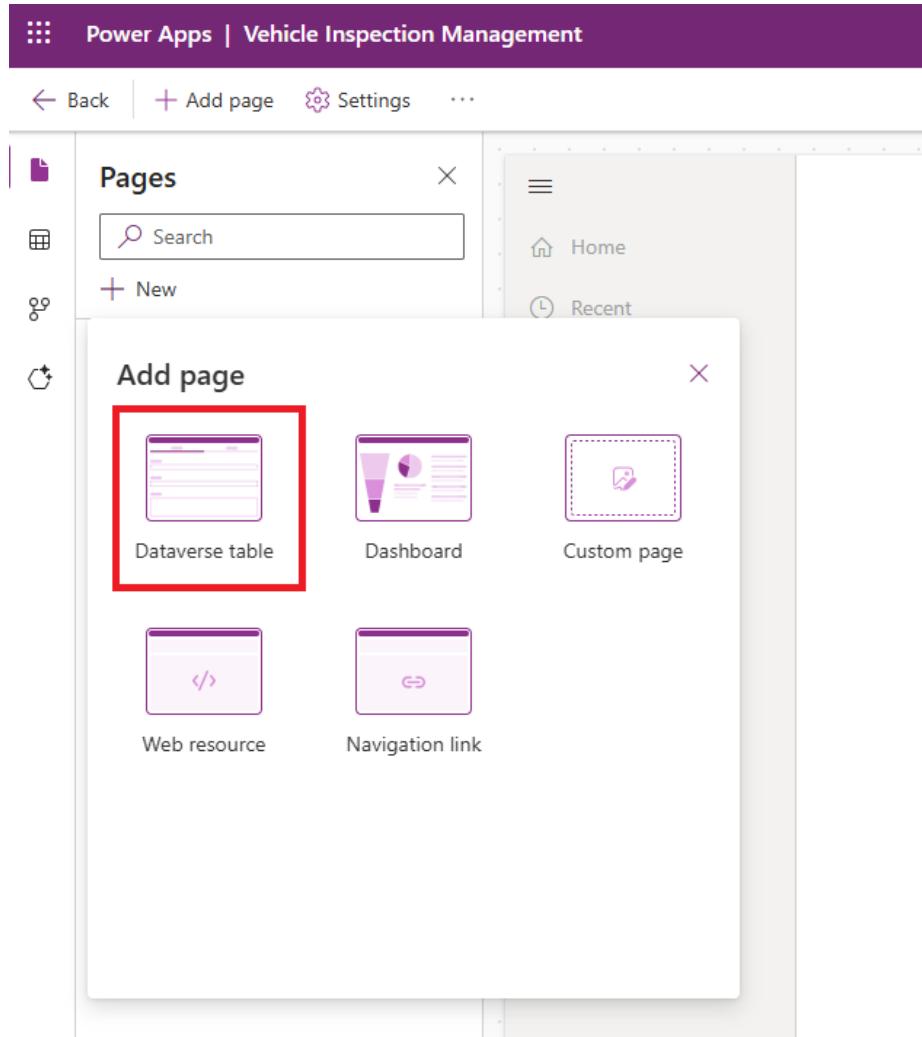
Name *

Description

✓ Advanced

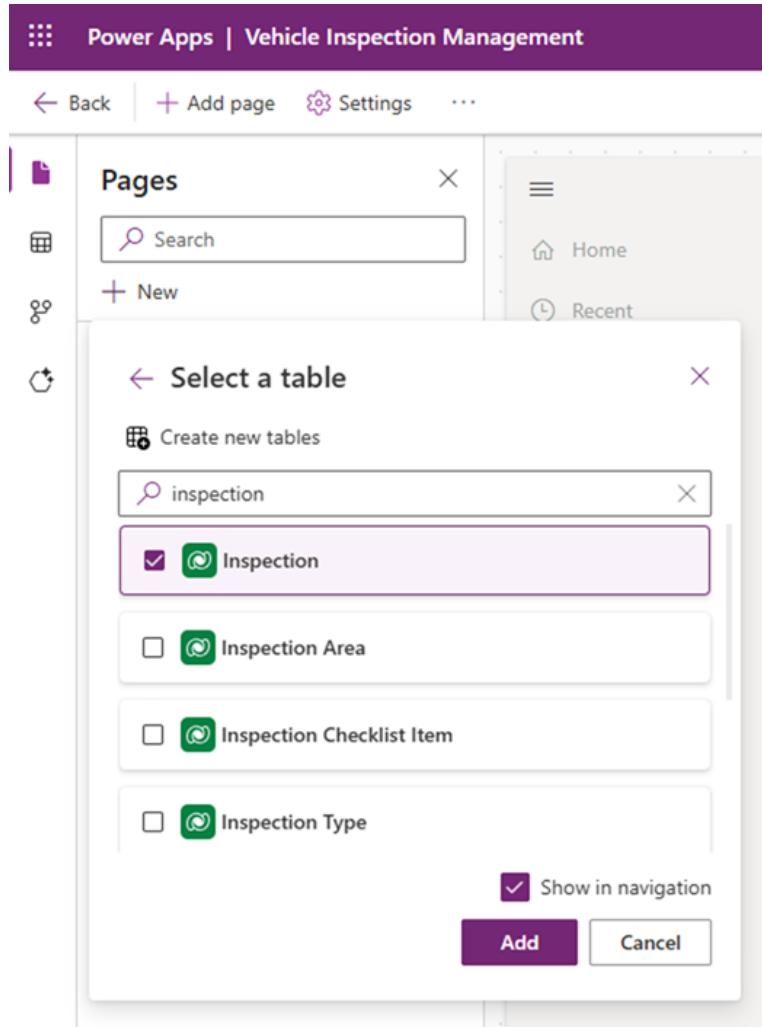
Create **Cancel**

3. Add a new Dataverse table to the Vehicle Inspection Management app.



4. Select the following tables:

- Contact
- Inspection
- Repair Quotes
- Vehicle

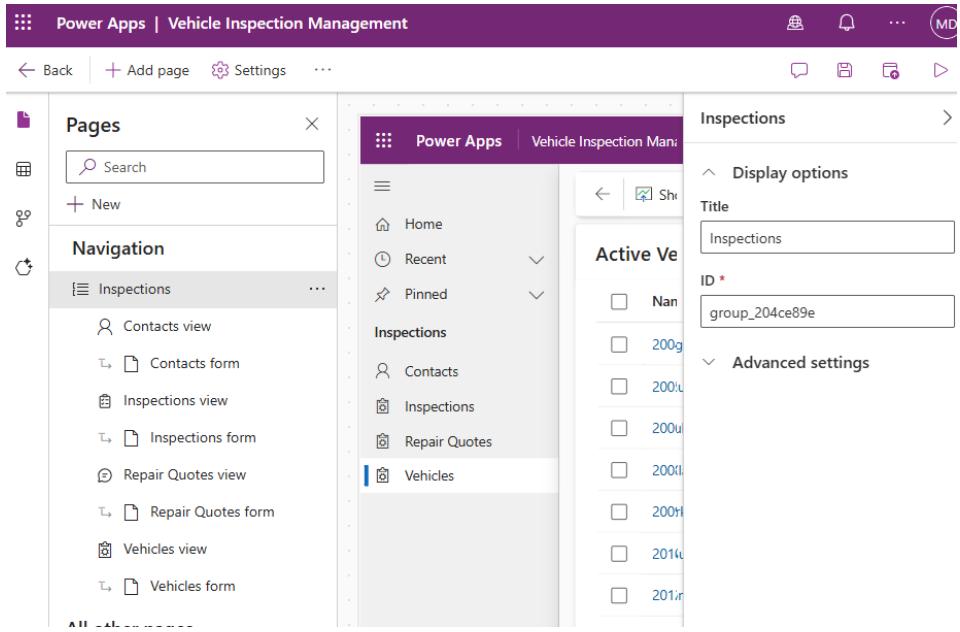


5. After the tables are added the app should look like this.

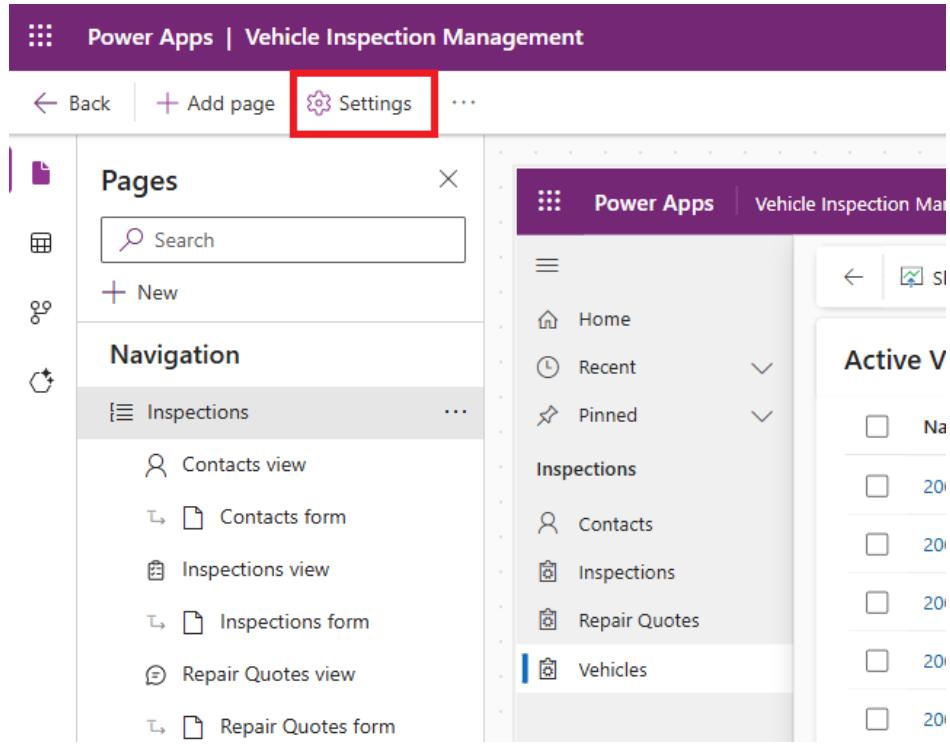
The screenshot shows the Power Apps Studio interface. On the left, the 'Pages' navigation menu is open, displaying various pages like 'Home', 'Recent', 'Pinned', and a 'New Group' section containing 'Contacts view', 'Inspections view', 'Repair Quotes view', and 'Vehicles view'. The 'Vehicles view' page is currently selected. On the right, a list view titled 'Active Vehicles' is displayed, showing a table with columns for Name, Year, Make, and Model. The table contains data for several vehicles, including a 2004 Audi Q5, 2005 Hyundai Elantra, 2006 Nissan Maxima, 2008 Mercedes-Benz E-Class, 2009 BMW X5, 2010 Chevrolet Malibu, 2012 Toyota Corolla, and 2013 Honda Accord.

Name	Year	Make	Model
2004 Audi Q5 (Sidney Higa)	2004	Audi	
2005 Hyundai Elantra (Paul ...)	2005	Hyundai	
2006 Nissan Maxima (Paul ...)	2006	Nissan	
2008 Mercedes-Benz E-Cla...	2008	Mercedes...	
2009 BMW X5 (Susan Burk)	2009	BMW	
2010 Chevrolet Malibu (Sus...	2010	Chevrolet	
2012 Toyota Corolla (Thom...)	2012	Toyota	
2012 Toyota Corolla (Jim Gl...)	2012	Toyota	
2013 Honda Accord (Districts)	2013	Honda	

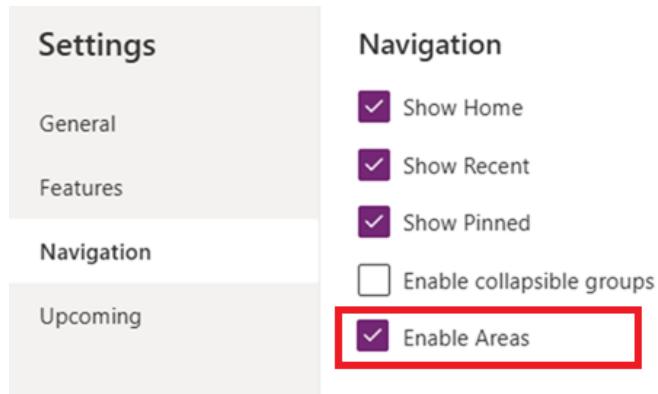
6. Select the “New Group” in the navigation menu and rename the title “Inspections”



7. Open the Settings menu.



8. Go to the Navigation sub-menu. Check the Enable Areas setting. Close the Settings menu.



9. Select the Areas menu. Click on the three-dots and Edit properties. Change the Area name to Inspections Management.

The screenshot shows the SharePoint interface for creating a new area. On the left, the navigation bar includes 'Back', 'Add page', 'Settings', and a three-dot menu. The main area displays a 'Pages' list under 'Inspections Management'. A modal window titled 'Management X' is open, showing a table of vehicle inspections. The table has columns for 'Name' and 'Year'. The data includes:

Name	Year
2004 Audi Q5 (Sidney Higa)	2004
2005 Hyundai Elantra (Paul ...)	2005
2006 Nissan Maxima (Paul ...)	2006
2008 Mercedes-Benz E-Cla...	2008

The 'Edit properties' tab is selected in the modal. The 'Display options' section contains fields for 'Title' (set to 'Inspections Management') and 'ID' (set to 'area_b6935d5d'). The 'Advanced settings' section is collapsed.

10. Create a new area

The screenshot shows a SharePoint navigation interface. On the left, there's a sidebar with icons for Pages, Lists, and Groups. The main area has a purple header bar with 'Back', 'Add page', 'Settings', and a three-dot menu. Below the header, the 'Pages' section is expanded, showing 'Inspections Management' with a dropdown menu containing 'Inspections Management' (4 Pages), 'New area', 'Inspections', 'Contacts view', and 'Contacts form'. To the right, a 'Management X' ribbon tab is active, showing a 'Vehicles' list with items: 'Name' (2004 Audi Q5 (Sidney Hi) and 2005 Hyundai Elantra (P)).

11. Name the Area "Master Data"

The screenshot shows the same SharePoint navigation interface as the previous one, but with a key difference: the 'Master Data' area has been renamed. In the 'Pages' section, 'Master Data' now appears under 'Pages' with a dropdown menu identical to the one for 'Inspections Management'. To the right, the 'Management X' ribbon tab is active, showing the 'Vehicles' list. A context menu is open over the first vehicle item, with options: 'Edit properties' (selected), 'Move up', 'Move down', and 'Remove from navigation'. On the far right, a 'Master Data' ribbon tab is active, displaying 'Display options' (Title: 'Master Data', ID: 'area_87c941a1'), and 'Advanced settings'.

12. Rename the “New Group” to “Vehicle Info” and add the following tables:

- Vehicle Manufacturer
- Vehicle Model
- Vehicle Model Year
- Vehicle Trim

Vehicle Info

Display options

Title
Vehicle Info

ID *
group_7c84caca

Active Vehicles

- Vehicle Type
- AMG
- Avantgarde
- Classic
- Comfortline
- Elegance
- EX
- EXL
- Exclusive
- GLS

Rows: 50

13. Add another New Group to the Master Data area.

The screenshot shows the Microsoft Power Apps navigation interface. At the top, there are buttons for 'Back', 'Add page', 'Settings', and three dots. On the left, there's a sidebar with icons for 'Pages', 'Master Data' (with a dropdown arrow), and 'New'. Below that is a section titled 'Navigation' containing a list of items. One item, 'Vehicle Info', has a three-dot menu icon to its right, which is currently open, displaying a context menu with the following options: 'New page', 'New group', 'Move up', 'Move down', and 'Remove from navigation'. The main list under 'Navigation' includes: 'Vehicle Manufacturers view', 'Vehicle Manufacturers form', 'Vehicle Models view', 'Vehicle Models form', 'Vehicle Model Years view', 'Vehicle Model Years form', 'Vehicle Trims view', and 'Vehicle Trims form'. The 'Vehicle Info' item is highlighted with a grey background.

14. Add the following tables to the Master Data area:

- Checklist Item
- Inspection Area
- Inspection Type
- Inspection Type Area

The screenshot shows the Microsoft Power Apps portal interface. On the left, there's a navigation bar with 'Back', 'Add page', 'Settings', and a three-dot menu. Below it is a sidebar titled 'Pages' with sections for 'Master Data' (containing 'Vehicle Models view', 'Vehicle Model Years view', 'Vehicle Model Years form', 'Vehicle Trims view', 'Vehicle Trims form'), 'Checklist Configuration' (containing 'Checklist Items view', 'Checklist Items form', 'Inspection Areas view', 'Inspection Areas form', 'Inspection Types view', 'Inspection Types form', 'Inspection Type Areas view', 'Inspection Type Areas form'), and 'All other pages'. The main area is titled 'Power Apps | Vehicle Inspection Management' and shows a list of entities: Home, Recent, Pinned, Vehicle Info (Vehicle Manufacturers, Vehicle Models, Vehicle Model Years, Vehicle Trims), Checklist Configuration (Checklist Items, Inspection Areas, Inspection Types, Inspection Type Areas), and a 'Rows: 7' message. To the right, a configuration panel for 'Checklist Configuration' is open, showing 'Display options' (Title: Checklist Configuration, ID: group_a3a47bf5) and 'Advanced settings'.

15. Save and Publish the model-driven app.



Create A New Vehicle Table View

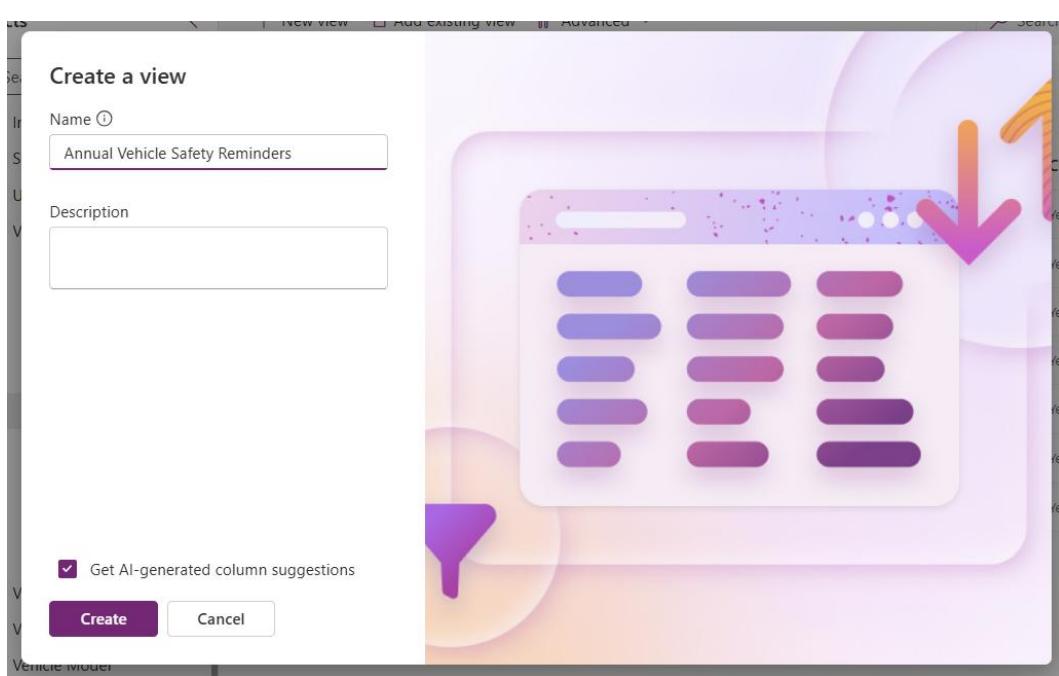
We will begin by creating a new Dataverse view for the Vehicles table. The purpose of this view is to show a list of vehicles that need an annual safety inspection soon to a salesperson. It also includes the owner of the vehicle and a phone number to call them at.

16. Open the Safety Inspections solution and go to the Vehicle table.

17. Goto the Views menu for the Vehicle table then select New view.

The screenshot shows the Power Apps portal interface. The top navigation bar includes 'Power Apps', a search bar, and a user profile icon labeled 'Environm PPCC25'. On the left, there's a sidebar with various icons and a tree view of objects: 'Inspection Type Area', 'Safety Certification', 'User', 'Vehicle' (which is expanded, showing 'Columns', 'Relationships', 'Keys', 'Forms', and 'Views' - the 'Views' option is selected and highlighted), 'Charts', 'Dashboards', 'Business rules', and 'Commands'. The main content area shows the hierarchy 'Vehicle Inspections > Tables > Vehicle > Views'. Below this, a table lists existing views: 'Active Vehicles' (Public View..., On), 'Inactive Vehicles' (Public View, On), 'Quick Find Active Vehicles' (Quick Find View..., On), 'Vehicle Advanced Find View' (Advanced Find V..., On), 'Vehicle Associated View' (Associated View..., On), and 'Vehicle Lookup View' (Lookup View..., On). At the top of this list, there are three buttons: '+ New view' (which has a red box drawn around it), 'Add existing view', and 'Advanced'. The '+ New view' button is the target for step 17.

18. Name the view *Annual Vehicle Safety Reminders*. Uncheck Get AI-generated column suggestions then press Create.



19. When the Views Editor appears the new View will include only a single Name column.

The screenshot shows the Power Apps View interface. On the left, there's a sidebar titled "Table columns" with a "Vehicle" tab selected. The list includes: Color, Contact, Created By, Created By (Delegate), Created On, License Plate #, Make, Model, Modified By, Modified By (Delegate), Modified On, Owner, and Owning Business Unit. A search bar and a "New table column" button are also present. The main area displays a list of vehicles under the heading "Name":

Name
2014 Audi A4 (Jim Glynn)
2019 BMW 3 Series (Nancy Anderso...)
2020 Chevrolet Silverado (Maria Ca...)
2013 Honda Accord (Patrick Sands)
2005 Hyundai Elantra (Paul Cannon)
2018 Mercedes-Benz C-Class (Rene ...)
2016 Nissan Altima (Robert Lyon)
2023 Toyota Camry (Scott Konersm...)
2017 Volkswagen Golf (Sidney Higa)
2004 Audi Q5 (Sidney Higa)
2009 BMW X5 (Susan Burk)
2010 Chevrolet Malibu (Susanna Stu...)
2018 Ford C-Class (Maria Campbell)

To the right, a "Test View XYZ" panel is open, showing fields for "Name" (containing "Test View XYZ") and "Description". It also includes "Sort by ..." and "Edit filters ..." buttons. A message at the bottom states "No filters are present."

20. Select the Vehicle tab and add the columns Year, Make and Model to the view by clicking on their names.

← Back | + View column Components Undo Redo Switch to classic

Table columns

Vehicle Related

Search + New table column

- Color
- Contact
- Created By
- Created By (Delegate)
- Created On
- License Plate #
- Modified By
- Modified By (Delegate)
- Modified On
- Owner
- Owning Business Unit

Name ↓	Year	Make	Model
2023 Toyota Camry (Scott Konersmann)	2023	Toyota	Camry
2022 Nissan Civic (Maria Campbell)	2022	Nissan	Civic
2020 Chevrolet Silverado (Maria Camp...)	2020	Chevrolet	Silverado
2019 BMW 3 Series (Nancy Anderson)	2019	BMW	3 Series
2018 Mercedes-Benz C-Class (Rene Val...)	2018	Mercedes...	C-Class
2018 Ford C-Class (Maria Campbell)	2018	Ford	C-Class
2017 Volkswagen Golf (Sidney Higa)	2017	Volkswag...	Golf
2017 Volkswagen Golf (Paul Cannon)	2017	Volkswag...	Golf
2016 Nissan Altima (Robert Lyon)	2016	Nissan	Altima
2015 Hyundai Sonata (Nancy Anderson)	2015	Hyundai	Sonata
2014 Audi A4 (Jim Glynn)	2014	Audi	A4

21. Switch to the Related menu and expand the Contact (Contact) table. Select the Full Name and Business Phone columns to add them to the view.

Commented [MD1]: Need to roll all dates forward by one month and update screenshots

I add one month to all dates in the base solution environment

Power Apps | View

← Back | + View column | Components | Undo | Redo | Switch to classic

Table columns

Vehicle Related

Search |

Contact (Contact)

- Role
- Address 1: Address Type
- Address 1: Freight Terms
- Address 1: Shipping Method
- Address 2: Address Type
- Address 2: Freight Terms
- Address 2: Shipping Method
- Address 3: Address Type
- Address 3: Freight Terms
- Address 3: Shipping Method
- Customer Size

Make	Model	Full Name (Contact)	Business Phone (Contact)
toyota	Camry	Scott Konersmann	555-0105
issan	Civic	Maria Campbell	555-0103
hevrolet	Silverado	Maria Campbell	555-0103
MW	3 Series	Nancy Anderson	555-0102
ercedes...	C-Class	Rene Valdes	555-0108
ord	C-Class	Maria Campbell	555-0103
olkswag...	Golf	Sidney Higa	555-0104
olkswag...	Golf	Paul Cannon	555-0107
issan	Altima	Robert Lyon	555-0106
yundai	Sonata	Nancy Anderson	555-0102
udi	A4	Jim Glynn	555-0109

22. Sort the view by the Name column in descending order.

Validate Save As Save and publish ▾

Phone (Co... Annual Vehicle Safety Remi... >

View

05

03

Name *

Annual Vehicle Safety Reminders

03

Description

02

08

03

Sort by ...

↓ Name X

04

07

Then sort by ... ▾

06

23. Open the Edit filters... menu.

Sort by ...

Then sort by ... ▾

No filters are present.

24. We want to show active Vehicles whose Registration Renewal Date is due in the next month. And we only want to call Contacts who allow phone calls. Configure the filters as follows:

- Status = Active
- Registration Renewal Date = Next month
- Contact Table
 - “Do not allow Phone Calls” = Allow

Edit filters

And ▾

Status Equals Active ...

Registration Renewal D... Equals Next month

Contact (Contact) Contains data

And ▾

Do not allow Phone Calls Equals Allow ...

25. Save and publish the view to make the changes appear in the Model-Driven app.

The screenshot shows the Power Apps environment with the title "Power Apps | View" at the top. The main area displays a list of vehicles with columns: Name, Year, Make, Model, Full Name, and Business Phone. The list includes three entries: "2023 Toyota Camry (Scott Konersmann)", "2016 Nissan Altima (Robert Lyon)", and "2012 Toyota Corolla (Jim Glynn)". To the right of the list is a sidebar titled "Annual Vehicle Safety Reminders". It contains sections for "View", "Sort by ...", "Filter by ...", and a link to "Edit filters ...". Under "Sort by ...", "Name" is selected with an arrow pointing down. Under "Filter by ...", three filters are applied: "Status is 'Active'", "Registration Renewal Date...", and "Do not allow Phone Calls (...)".

Name	Year	Make	Model	Full Name	Business Phone
2023 Toyota Camry (Scott Konersmann)	2023	Toyota	Camry	Scott Konersmann	555-0105
2016 Nissan Altima (Robert Lyon)	2016	Nissan	Altima	Robert Lyon	555-0106
2012 Toyota Corolla (Jim Glynn)	2012	Toyota	Corolla	Jim Glynn	555-0109

Edit The Vehicle Main Form

Next, we want to setup the Main Form for the Vehicles table so that Model-Driven Apps users have a way to view & edit data.

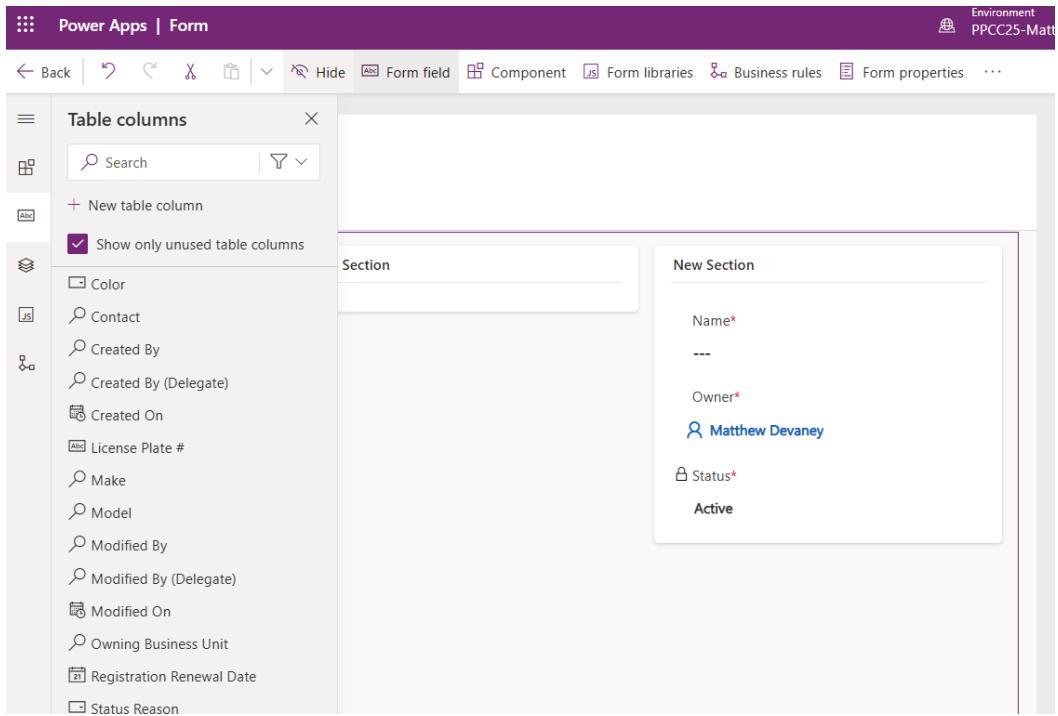
26. Navigate to the Forms menu for the Vehicle table inside the Vehicle Inspections menu.
27. Edit the Main form in a new tab

The screenshot shows the Microsoft Power Apps environment. The top navigation bar includes 'Power Apps', 'Environment' (PPCC25 Workshop), and user icons. The left sidebar has a 'Objects' section with a search bar and a tree view of objects like 'Vehicle', 'Information', 'Views', 'Charts', etc. The main area shows a breadcrumb path: 'Vehicle Inspections > Tables > Vehicle > Forms'. A table lists forms with columns for Name, Form type, Status, and Manage. One form is selected: 'Information' (Form type: Main, Status: On). A context menu is open for this form, showing options: 'Edit' (highlighted), 'Turn off', 'Form settings', 'Advanced', and 'Remove'. The 'Edit' option has a submenu 'Edit in new tab'.

28. Select the General tab and update the Layout from 1 column to 3 columns

29. Select the section that contains Name and Owner. Change the label name to DETAILS.

30. Move Name, Owner and Status fields to the right-column. These columns cannot be removed from the form so we will move them temporarily until we are ready to use them.



31. Add License Plate # and VIN to the DETAILS section.

Power Apps | Form

Back | Delete | Form field | Component | Form libraries | Business rules | Form properties | Form |

Table columns

Search |

+ New table column

Show only unused table columns

Color

Contact

Created By

Created By (Delegate)

Created On

License Plate #

Make

Model

Modified By

Modified By (Delegate)

Modified On

New Vehicle

Vehicle

General Related

DETAILS

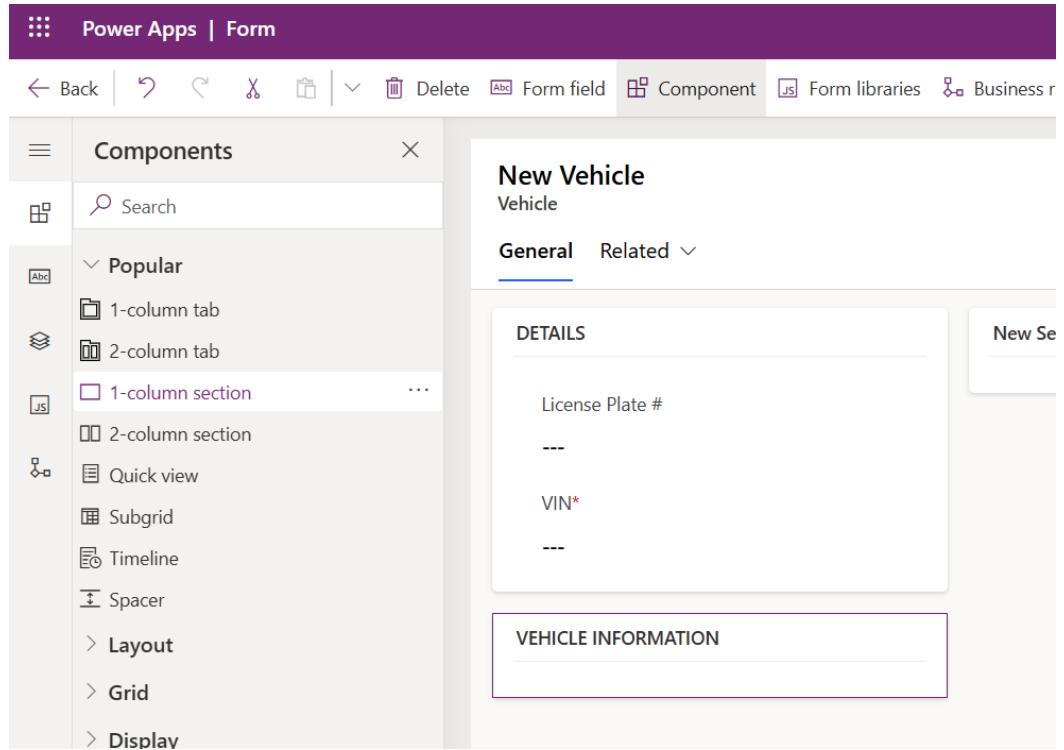
License Plate # ---

VIN * ---

New Section

The screenshot shows the Power Apps Form builder interface. On the left, there's a sidebar titled 'Table columns' with a search bar and a list of fields: Color, Contact, Created By, Created By (Delegate), Created On, License Plate # (which is checked), Make, Model, Modified By, Modified By (Delegate), and Modified On. The main area is titled 'New Vehicle' and 'Vehicle'. It has tabs for 'General' and 'Related'. Under 'General', there are two sections: 'DETAILS' containing 'License Plate #' and 'VIN' (marked with an asterisk), and 'New Section' which is currently empty.

32. Add a new 1-column section named VEHICLE INFORMATION below the DETAILS section.



33. Insert the following fields into the VEHICLE INFORMATION section: Make, Model, Year, Trim, Color.

The screenshot shows the Power Apps | Form interface. On the left, there is a sidebar titled "Table columns" with a search bar and a list of fields: New table column, Show only unused table columns, Color, Contact, Created By, Created By (Delegate), Created On, License Plate #, Make, Model (which is selected), Modified By, Modified By (Delegate), and Modified On. On the right, the main area displays the "New Vehicle" form under the "Vehicle" category. The form has tabs for General, Admin, and Related, with General selected. It contains sections for VIN and VEHICLE INFORMATION. The VEHICLE INFORMATION section includes fields for Make, Model, Year, Trim, and Color. Each field has a red asterisk indicating it is required.

34. Rename the middle column named New Section to ADDITIONAL INFO. Include the Contact and Registration Renewal Date fields.

The screenshot shows the Power Apps | Form interface. On the left, the 'Table columns' pane is open, displaying a list of columns such as Contact, Created By, and License Plate #. A contact card is visible on the right, showing fields like 'Contact' and 'Registration Renewal Date'. The top navigation bar includes 'Power Apps | Form', 'Environment PPCC25 Workshop', and various action buttons.

35. Insert a new 2-column tab named Admin.

The screenshot shows the Power Apps | Form interface with the 'Components' pane open on the left. Under the 'Popular' section, '2-column tab' is selected. In the center, a 'New Vehicle' form is displayed with tabs for 'General', 'Admin', and 'Related'. On the right, the 'Admin' tab's properties are being edited, showing 'Label' as 'Admin' and 'Name' as 'tab_4'. The 'Display options' section has 'Expand this tab by default' checked. The 'Formatting' section shows 'Layout' set to '2 columns'.

36. Update the left-column name to RECORD INFO.

37. Include the following columns in RECORD INFO: Name, Owner, Created On, Created By, Modified On, Modified By, Status, Status Reason

Power Apps | Form

Back | Delete | Form field | Component | Form libraries | Business r

Table columns

Search | New table column

Show only unused table columns

Created On

License Plate #

Make

Model

Modified By

Modified By (Delegate)

Modified On

Name

Owner

Owning Business Unit

Registration Renewal Date

Status

Status Reason

Trim

VIN

New Vehicle

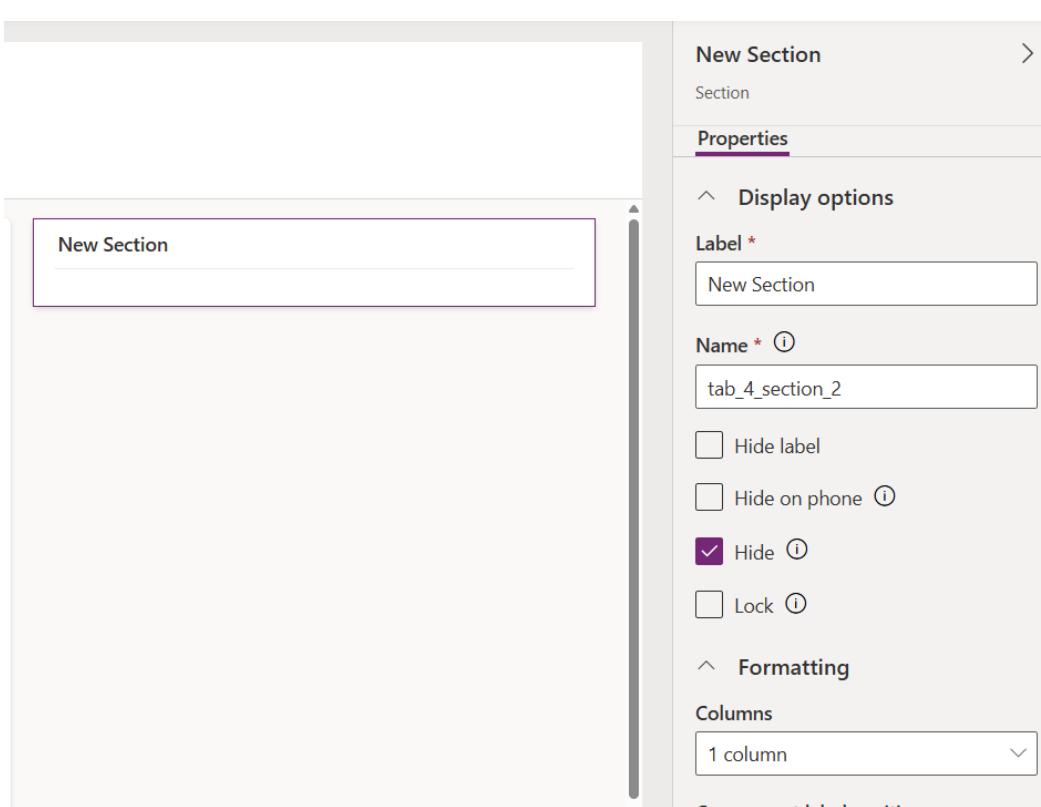
Vehicle

General Admin Related

RECORD INFO

Name	*	---
Owner	*	Matthew Devaney
Created On	---	<input type="button" value="Calendar"/>
Created By	---	<input type="button" value="Calendar"/>
Modified On	---	<input type="button" value="Calendar"/>
Modified By	---	<input type="button" value="Calendar"/>
Status	*	Active
Status Reason	Active	

38. Select the middle column named New Section. Check the Hide option.



39. Select the form Header. Insert the License Plate # and Contact fields.

The screenshot shows the Power Apps Form builder interface. On the left, there's a sidebar titled "Table columns" with a search bar and a list of fields: "Name", "Owner", "Created On", "Created By", "License Plate #", "Make", and "Color". The "Owner" field is highlighted with a red asterisk, indicating it's required. The main area displays a "New Vehicle" form with tabs for "General", "Admin" (which is selected), and "Related". Under the "Admin" tab, there's a "RECORD INFO" section with fields: "Name" (with a red asterisk), "Owner" (set to "Matthew Devaney"), "Created On", and "Created By". The "Owner" field has a small icon next to it.

40. Review the form to ensure it looks like the screenshots below. Then Save and Publish the form.

Power Apps | Form

Environment PPCC25-Ma

Back | Delete | Form field Component Form libraries Business rules Form properties Form settings ...

New Vehicle

Vehicle

General Admin Related

DETAILS

- License Plate #
-
- VIN*
-

ADDITIONAL INFO

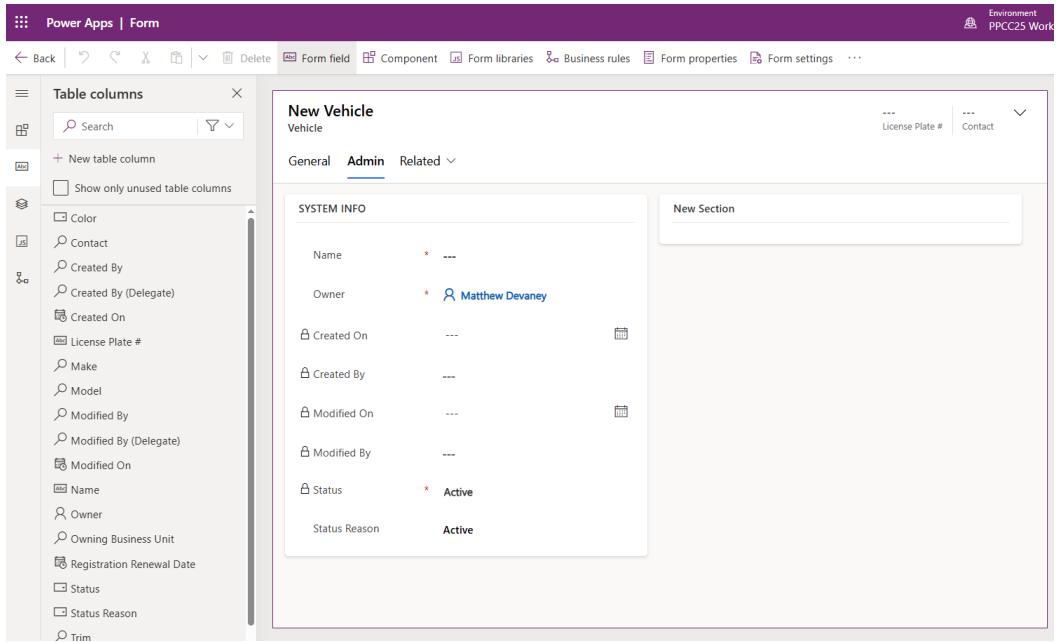
- Contact
-
- Registration Renewal Date
-

VEHICLE INFORMATION

- Make*
-
- Model*
-
- Year*
-
- Trim

Responsive (1104 x 723) ▾

Show hidden Off - + 84 %



Customize The Model Lookup Details

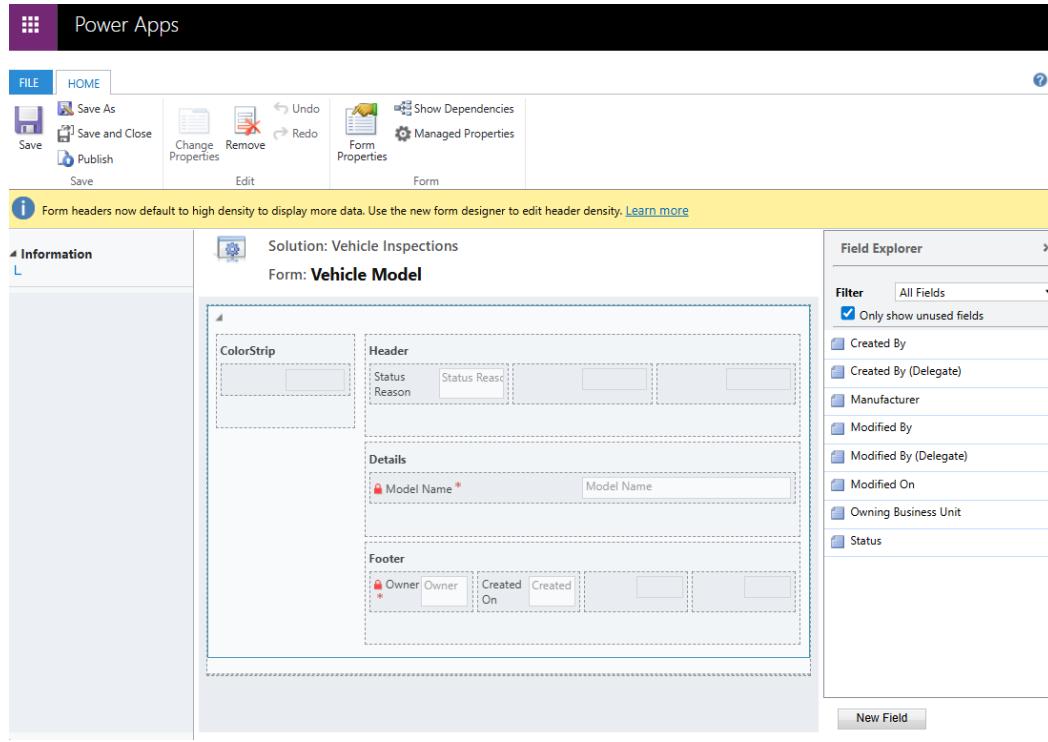
The Models lookup field allows the User to choose the vehicle model. We want to show additional details about the model in the dropdown.

41. Go to the Form menu for the Vehicle Model table and edit the Card form in a new table.

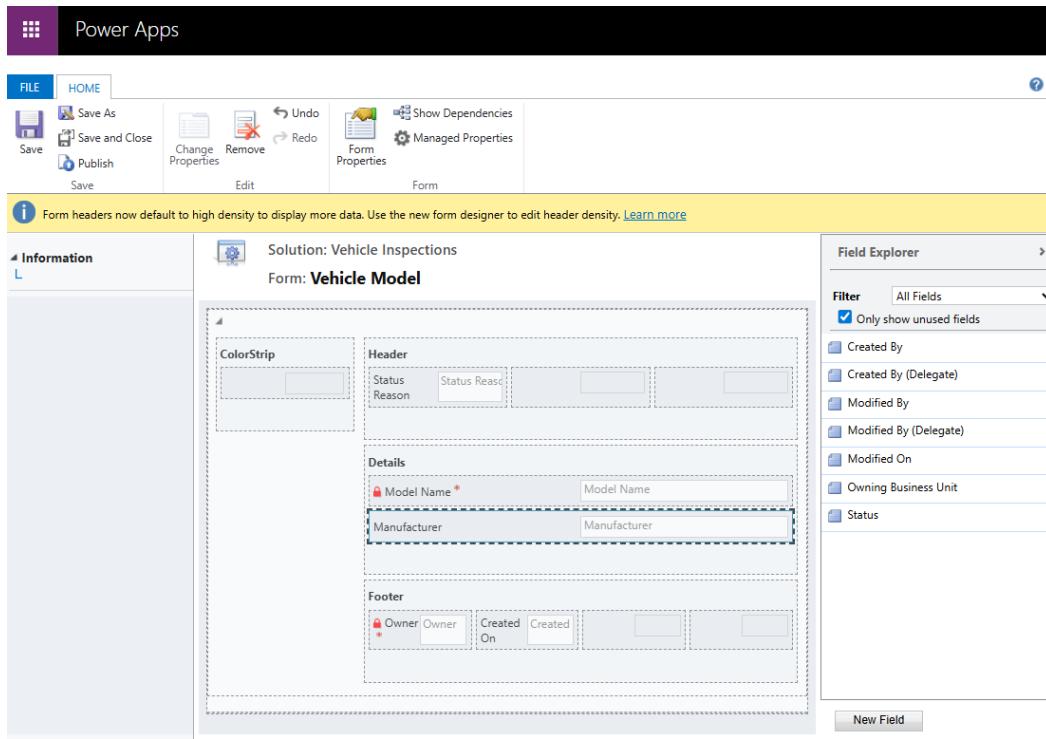
The screenshot shows the Power Apps classic form editor interface. On the left, there's a sidebar with various icons and a search bar. The main area displays a navigation path: Vehicle Inspections > Tables > Vehicle > Forms. A list of forms is shown with columns for Name, Form type, and Stat. One form, 'Information', is selected and highlighted. A context menu is open for this form, listing options: Edit in new tab, Form settings, Advanced, and Remove.

Name	Form type	Stat
Information	Card	On
Information	Edit in new tab	n
Information	Form settings	n
Information	Advanced	>
Information	Remove	>

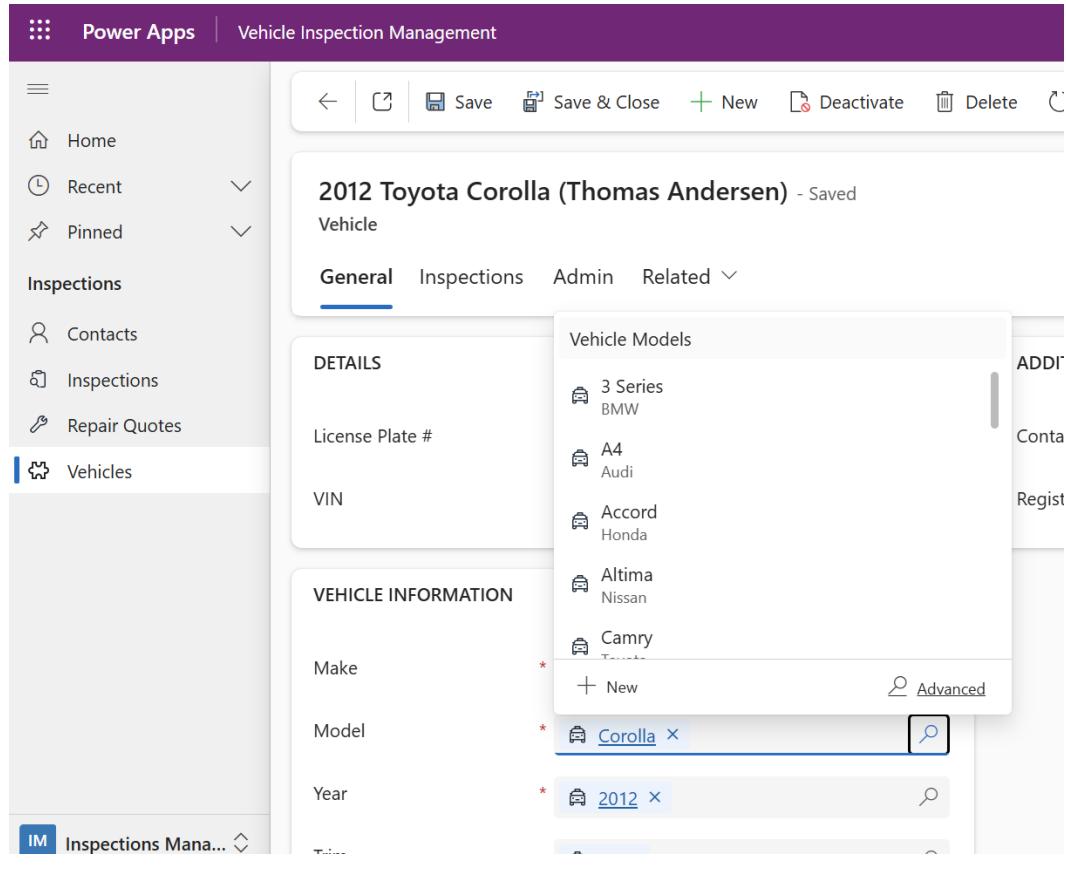
42. The Card view will appear in the classic form editor. Notice that the Details section contains the Model Name. Only fields appearing in the details section show in the dropdown menu.



43. Add the Manufacturer field to the Details menu by selecting it from the Field Explorer menu.
44. Save the card form, then publish. Close the editor once completed.



26. Open the Vehicle form for any record and select the Make field. The dropdown now includes both the model name and manufacturer.



Filter Lookup Menu Items By Related Dropdown

Make, Model, Trim and Year are related dropdowns. After the Make is selected, the Model dropdown should be filtered to only show Models for the chosen make. The same goes for Model & Trim, and Trim & Year

27. Open the Vehicle Main form and select the Model field. Check the Filter by related rows option. Select these settings:

- Relationship to current table: Make
- Relationship to this lookups table: Manufacturer

The screenshot shows the Microsoft Power Apps builder interface. On the left, there is a form titled "New Vehicle" with sections for "Vehicle" and "General". Under "General", there is a "VEHICLE INFORMATION" section containing fields for "Make", "Model", "Year", "Trim", and "Color". The "Model" field is highlighted with a purple border. On the right, a modal window titled "Model" is open, showing a "Lookup" screen. The "Properties" tab is selected. A dropdown menu shows "Active Vehicle Models, Inactive...". Below it, there are sections for "Formatting" (set to "1 column") and "Filtering". Under "Filtering", the "Relationship to current table" is set to "Make (Vehicles)" and the "Relationship to this lookup's table" is set to "Manufacturer (Vehicle Models)". There is also an unchecked checkbox for "Allow users to turn off filter".

28. Select the Trim field. Check the Filter by related rows option. Select these settings:

- Relationship to current table: Model
- Relationship to this lookups table: Model

The screenshot shows the 'New Vehicle' form in Microsoft Power Apps. On the left, there's a 'Vehicle' section with dropdowns for 'License Plate #' and 'Contact'. Below it are tabs for 'General', 'Admin', and 'Related'. Under 'General', there's a 'VEHICLE INFORMATION' section with fields for 'Make', 'Model', 'Year' (which is highlighted with a purple border), 'Trim', and 'Color'. At the bottom of the form are responsive settings, a 'Show hidden' button, and a zoom slider set to 90%.

On the right, a settings pane is open for the 'Year' field. It shows the 'Trim' relationship with a 'Properties' tab selected. Other tabs include 'Events' and 'Business rules'. Under 'Properties', there's a 'Lookup' section with 'Active Vehicle Trims, Inactive V...' and a 'Selected views' dropdown. The 'Formatting' section shows 'Form field width' set to '1 column'. The 'Filtering' section has a checked checkbox for 'Filter by related rows'. The 'Relationship to current table' dropdown is set to 'Model (Vehicles)'. The 'Relationship to this lookup's table' dropdown is set to 'Model (Vehicle Trims)'. There's also an unchecked checkbox for 'Allow users to turn off filter'. The 'Components' section is collapsed.

29. Select the Trim field. Check the Filter by related rows option. Select these settings:

- Relationship to current table: Trim
- Relationship to this lookups table: Vehicle Trims

The screenshot shows a 'New Vehicle' form in a Power Apps environment. The left side displays the form with fields for License Plate #, Contact, and tabs for General, Admin, and Related. The right side shows the 'Properties' pane for the 'Year' field, which is a lookup field. The pane includes sections for 'Formatting' (Form field width set to 1 column), 'Filtering' (checked for 'Filter by related rows'), and 'Relationships' (set to 'Trim (Vehicles)').

New Vehicle

Vehicle

License Plate # Contact

General Admin Related

VEHICLE INFORMATION

Make

Model

Year

Trim

Color

Year

Lookup

Properties Events Business rules
Selected views

Active Vehicle Model Years, In...

Formatting

Form field width

1 column

Filtering

Filter by related rows

Relationship to current table

Trim (Vehicles)

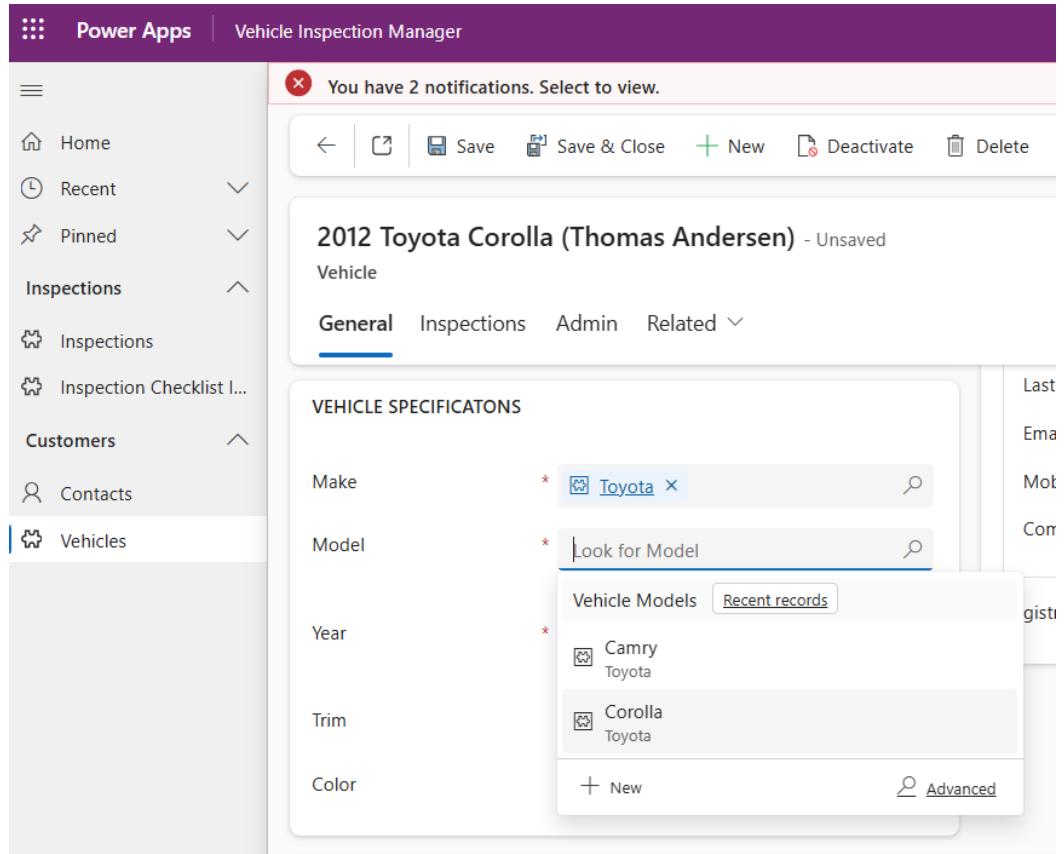
Relationship to this lookup's table

Vehicle Trims (Vehicle Model Y...)

Allow users to turn off filter

45. Save and publish the form

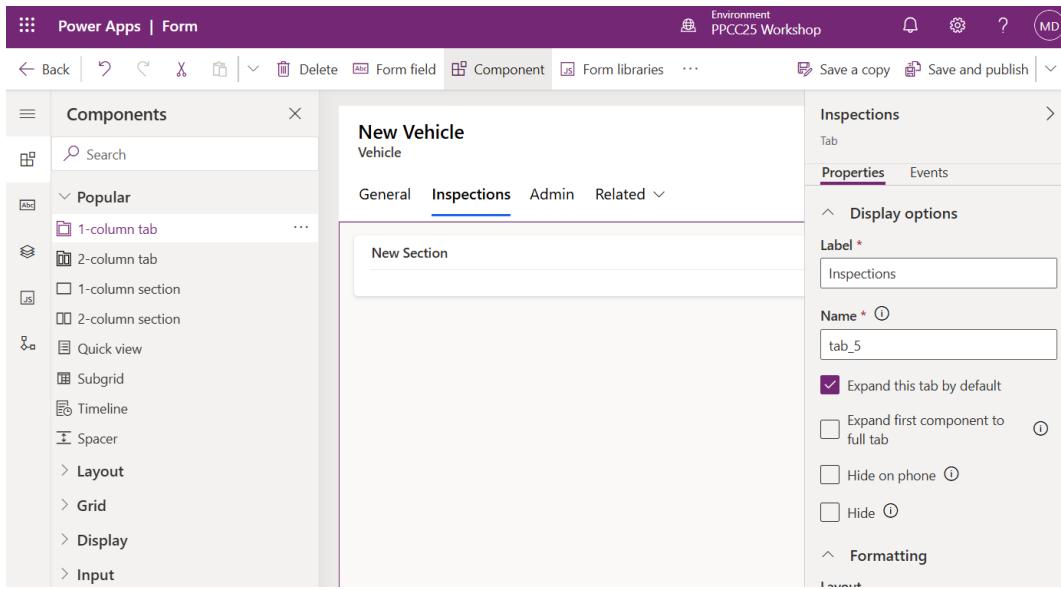
46. Open any Vehicle the Vehicle Inspections Management app. The dropdowns menus are now filtered.



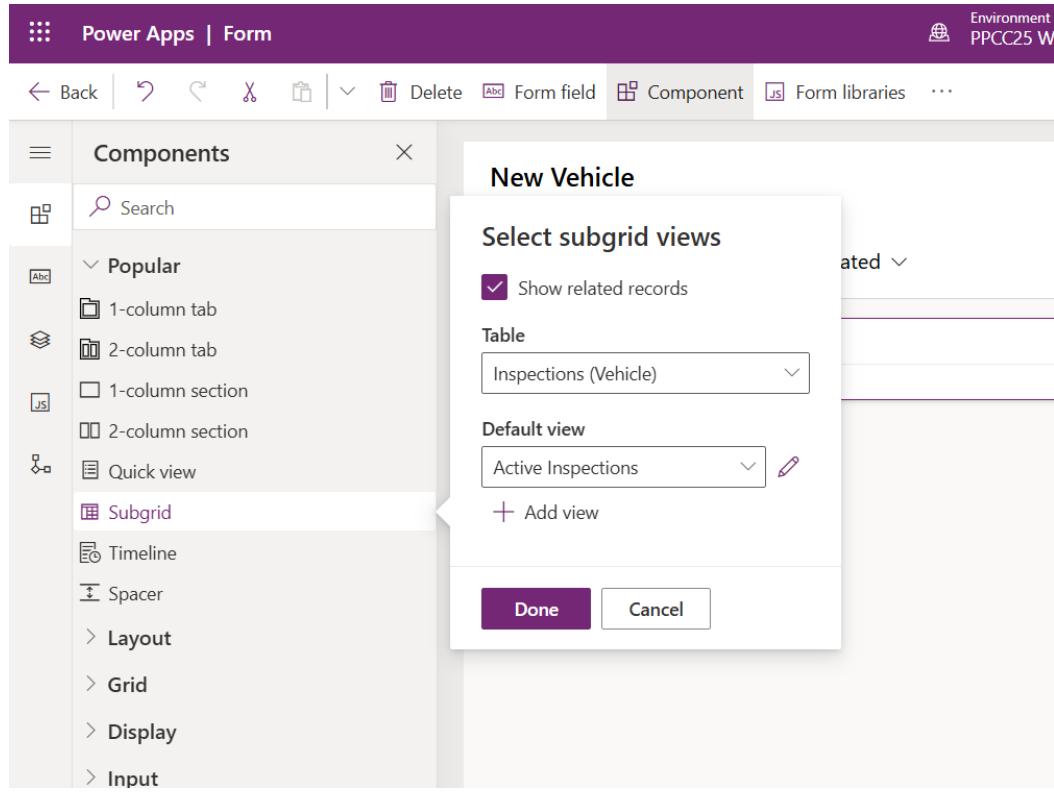
Add A Sub-grid Of Recent Inspections

We want to give anyone browsing a Vehicle record a quick way to see all of its past inspections. To do this we will create a new sub-grid.

47. Add a new 1-column tab named Inspections to the Vehicle Main form.



48. Insert a sub-grid into the New Section. Check Show related records. Select the Inspections table and the Active Inspections view.



49. Label the sub-grid RECENT INSPECTIONS.

The screenshot shows the Power Apps Form builder interface. The left sidebar is titled "Components" and lists various UI elements like "Popular", "1-column tab", "2-column tab", etc. The main area displays a "New Vehicle" form with tabs for "General", "Inspections" (which is selected), "Admin", and "Related". A subgrid titled "RECENT INSPECTIONS" is embedded in the "Inspections" tab. The subgrid has a "Label" field set to "RECENT INSPECTIONS" and a "Name" field set to "Subgrid_new_2". It also includes options for "Hide label", "Hide on phone", and "Show related records" (which is checked). The "Table" dropdown is set to "Inspections (Vehicle)". The "Default view" is set to "Active Inspections".

50. Set the sub-grid maximum number of rows to 10.

New Vehicle
Vehicle

General Inspections Admin Related

RECENT INSPECTIONS

Inspection Number ↑	Customer	Vehicle	Type of In
No data available			

0 - 0 of 0

RECENT INSPECTIONS

Properties

- Active Inspections
- + Add view
- Allow users to change view
- Hide search box

Default chart

- Select an option
- + Add chart
- Show chart only
- Allow users to change chart

Maximum number of rows

10

Use available space

Formatting

Component width

1 column

Components

New Vehicle
Vehicle

General Inspections Admin Related

New Section

RECENT INSPECTIONS

Inspection Number ↑
No data available

0 - 0 of 0

New Section

Properties

Display options

- Label * New Section
- Name * tab_5_section_1
- Hide label
- Hide on phone
- Hide
- Lock

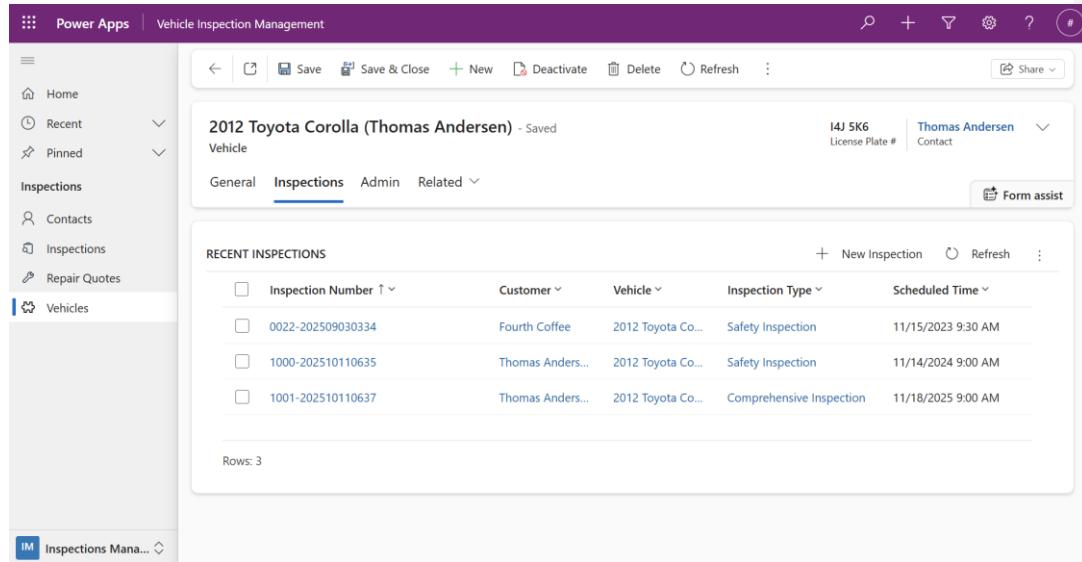
Formatting

Columns

52. Save and publish the form.

The screenshot shows the Power Apps Form builder interface. On the left, there's a sidebar titled 'Components' with various layout options like 'Popular', '1-column tab', '2-column tab', etc. The main area shows a 'New Vehicle' form with tabs for 'General', 'Inspections' (which is selected), 'Admin', and 'Related'. On the right, there's a panel for the 'Inspections' tab properties. It includes fields for 'Label' (set to 'Inspections') and 'Name' (set to 'tab_5'). There are also 'Display options' settings with a checked checkbox for 'Expand this tab by default'. Below this, there's a 'Formatting' section with 'Layout' set to '1 column'. At the bottom of the main form area, it says '0 - 0 of 0'.

53. Open any Vehicle record and navigate to the Inspections tab. The sub-grid will show a list of the most recent related inspections.



Insert A Timeline Control Into The Vehicle Form

A user might want the ability to make a note on the vehicle record. To do this we will add a timeline control.

54. To add a timeline control to a form the enable attachments setting must be checked. This setting is already checked for the table, and no action is needed.

Edit table

Use tables to hold and organize your data. Prev [Learn more](#)

Properties Primary column

Display name * Vehicle

Name Vehicle

Type Standard

Description

Enable attachments (including notes and files)¹

55. Insert a new Timeline control into the Vehicle Main form. Check the record types to show Activities and Notes.

Components

Popular

- 1-column tab
- 2-column tab
- 1-column section
- 2-column section
- Quick view
- Subgrid
- Timeline
- Spacer
- Layout
- Grid
- Display
- Input
- Media

Timeline

Properties

Display options

Name * Timeline

Record types to show

- Activities
- Notes

Profile picture Default

Advanced

Record settings

Activities

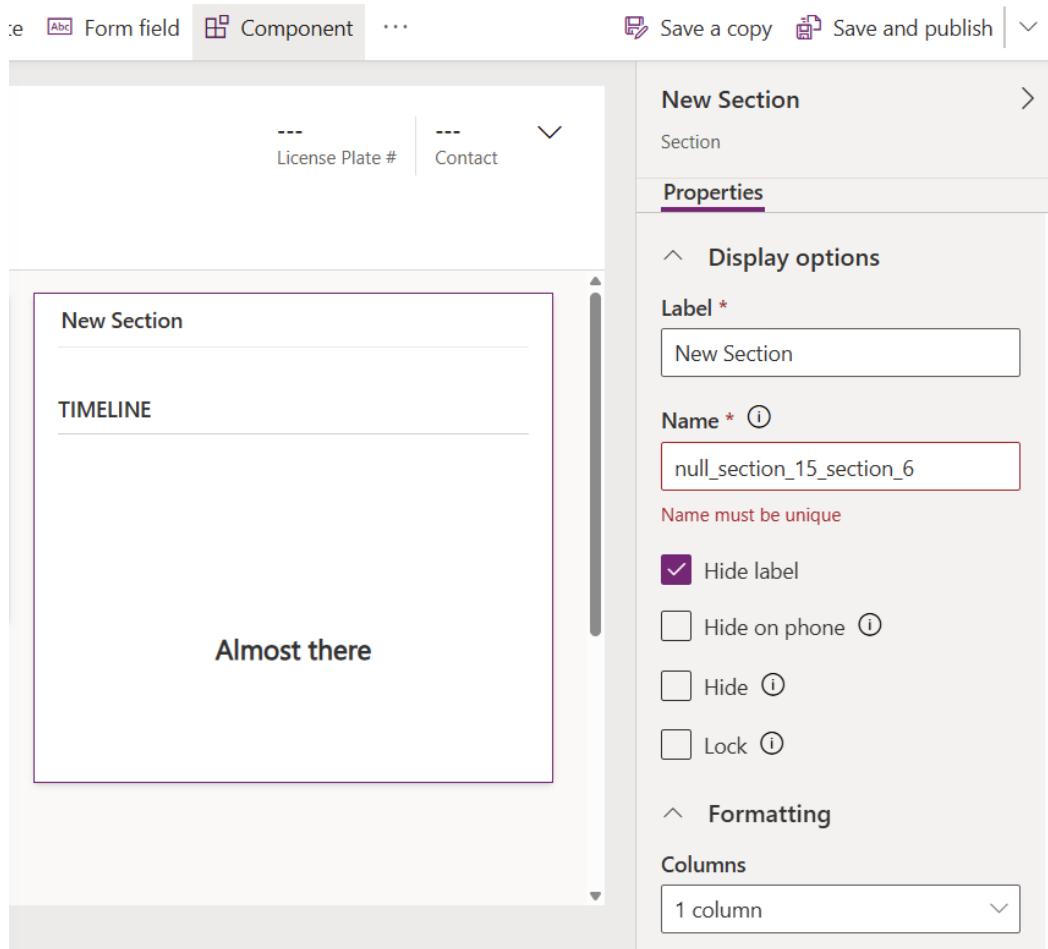
56. Enable only the following Activity Types: Appointment, Email, Phone Call, Task

57. Save and publish the form.

The screenshot shows a software interface for managing note texts. At the top, there are buttons for "Save a copy" and "Save and publish". On the left, there's a sidebar with a "Contact" section. The main area is titled "Note Text" and has a "Properties" tab selected. Under "Properties", the "Activities" section is expanded, showing a list of activity types. The selected activity types are highlighted with a purple checkmark icon. The list includes:

- Appointment
- Email
- Fax
- Letter
- Phone Call
- Recurring Appointment
- Social Activity
- Task
- Invite Redemption
- Portal Comment
- Teams chat

58. Select the section named New Section. Then check Hide label. Save and publish the form.



59. Open any Vehicle record in the Vehicle Inspections Management app. The timeline control now appears on the right side of the form.

Power Apps | Vehicle Inspection Manager

Home Recent Pinned Inspections Inspections Inspection Checklist I... Customers Contacts Vehicles

2012 Toyota Corolla (Thomas Andersen) - Saved Vehicle

General Inspections Admin Related

DETAILS

License Plate # I4J 5K6

VIN # 5YJ3E1EA7KF317456

ADDITIONAL INFO

Contact Thomas Andersen

Registration Renewal Date 11/1/2025

VEHICLE SPECIFICATIONS

Make * Toyota

Model * Corolla

Year * 2012

Trim LE

Form assist

Timeline

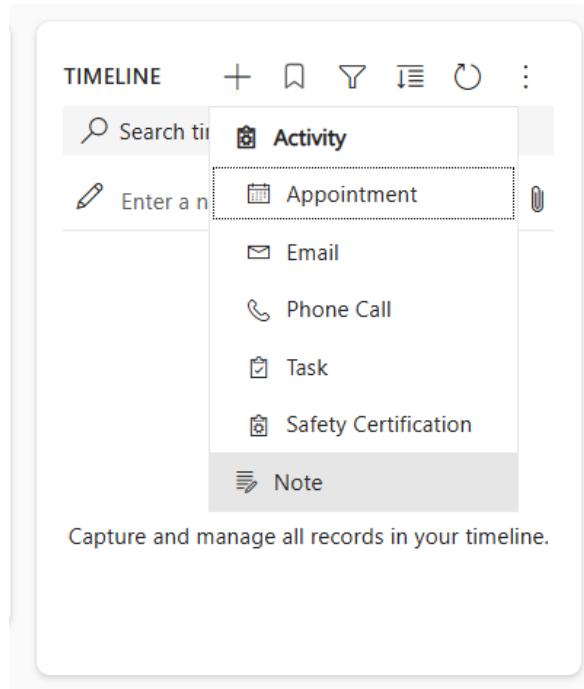
Search timeline

Enter a note...

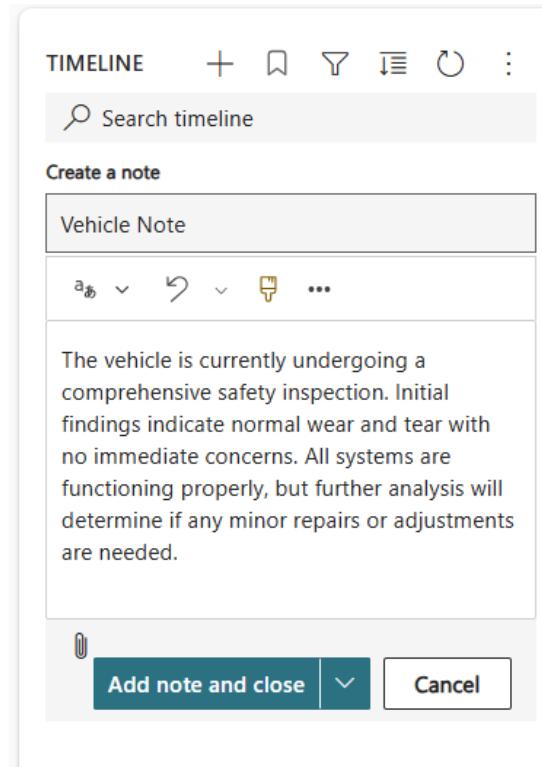
Get started

Capture and manage all records in your timeline.

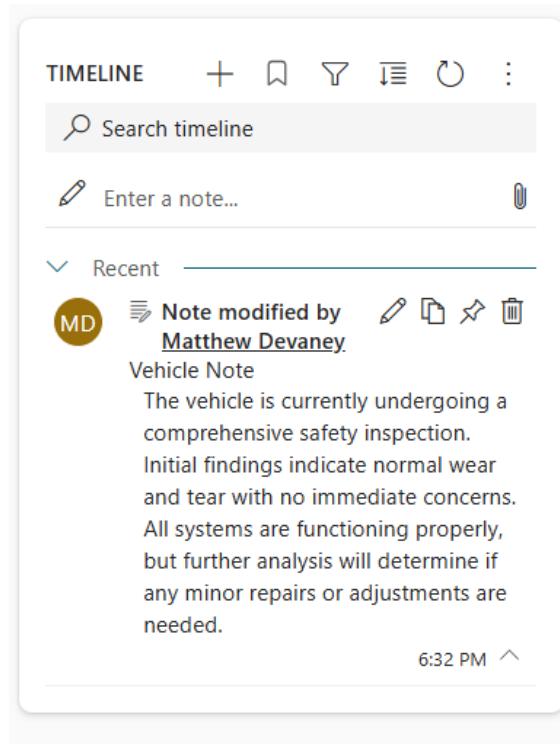
60. Create a new note in the timeline.



61. Give the note a title and write a description. Optionally, attach a file. Then press the Add note and close button.



62. The note appears in the timeline.



Create A Custom Safety Certification Activity Type

The timeline can be customized to include more activity types than the default options. We will create a new activity type named Safety Certification

63. Go to the Vehicle Inspections solution and create a new table named *Safety Certification*. Choose the Type Activity. Then press Save.

New table

Use tables to hold and organize your data. Previously called [Learn more](#)

Properties Primary column

Display name * Safety Certification

Plural name * Safety Certifications

Description

Enable attachments (including notes and files)¹

Advanced options ^

Schema name * ppcc_SafetyCertification

Type * Activity

Choosing this option will set the primary column to Subject.

Save **Cancel**

64. Add a choice column named Outcome.

Search	
+ New column +> Add existing column Edit	
Is Regular Activity	⋮ IsRegularAct
Is Workflow Created	⋮ IsWorkflowC
Last On Hold Time	⋮ LastOnHoldT
Last SLA applied	⋮ SLAInvokedI
Last Updated	⋮ ModifiedOn
Left Voice Mail	⋮ LeftVoiceMa
Modified By	⋮ ModifiedBy
Modified By (Delegate)	⋮ ModifiedOnD
On Hold Time (Minutes)	⋮ OnHoldTime
Optional Attendees	⋮ OptionalAtte
Organizer	⋮ Organizer
✓ Outcome	⋮ ppcc_Outcom
Outsource Vendors	⋮ Partners
Owner	⋮ OwnerId
Ownning Business Unit	⋮ OwningBusin

New column

Previously called fields. [Learn more](#)

Display name *

Outcome

Description ⓘ

Data type * ⓘ

Choice

Behavior ⓘ

Simple

Required ⓘ

Optional

Searchable ⓘ

Allow form fill assistance (preview) ⓘ

Selecting multiple choices is allowed

Sync with global choice? *

Sync this choice with Passed, Failed.

Sync this choice with

<input

⋮ IsRegularAct

⋮ IsWorkflowC

⋮ LastOnHoldT

⋮ SLAInvokedI

⋮ ModifiedOn

⋮ LeftVoiceMa

⋮ ModifiedBy

⋮ ModifiedOnI

⋮ OnHoldTime

⋮ OptionalAtte

⋮ Organizer

⋮ npsc_Outco

Sync with global choice? *

Yes (recommended)
Can be used in multiple tables, and will stay updated everywhere.

No
Creates a local choice that can only be used in one table. People using it can add new choices.

Sync this choice with *

Passed, Failed

 Edit choice  New choice

Default choice *

None

Advanced options ▾

Save **Cancel**

66. Edit the Main form for Safety Certification in a new tab.

The screenshot shows the Power Apps portal interface. On the left, there's a sidebar with various icons and a search bar. The main area displays a list of forms under 'Safety Certification'. The first form, 'Information', is selected and has a context menu open over it. The menu includes options like 'Edit', 'Turn off', 'Form settings', 'Advanced', and 'Remove'. The 'Edit' option is highlighted with a purple border.

Name	Form type	Status	Managed
Information	Main	On	No
Information	Edit	>	Edit
Information	Turn off		Edit in new tab
	Form settings		
	Advanced	>	
	Remove	>	

67. Add the Outcome field to the Main form underneath Subject. Save and publish the form.

The screenshot shows the Microsoft Power Apps canvas editor interface. The top navigation bar includes 'Power Apps', 'Environment PPCC25 Workshop', and various action buttons like 'Back', 'Delete', 'Form field', 'Component', 'Form libraries', and 'Save a copy'. On the left, a sidebar titled 'Table columns' lists various fields such as 'Subject*', 'Owner*', 'Regarding', and 'Timeline'. A search bar and a 'Show only unused table columns' checkbox are also present. The main workspace displays a card form titled 'New Safety Certification' under 'Safety Certification'. The card has two tabs: 'General' (selected) and 'Related'. The 'General' tab contains fields for 'Subject*' (with placeholder '---'), 'Outcome' (with placeholder '---'), 'Owner*' (set to 'Matthew Devaney'), and 'Regarding'. To the right of the card, a vertical ribbon menu is open, showing sections like 'Outcome', 'Properties' (selected), 'Display', 'Label*', and 'Format'. The 'Label*' section includes options for 'Outcome' and checkboxes for 'Hide label', 'Hide on', 'Hide ①', 'Lock ①', and 'Read-on'. The 'Format' section is partially visible.

68. Open the Safety Certification card form in a new tab.

The screenshot shows the Power Apps portal interface. The left sidebar is titled "Objects" and contains a search bar and a list of objects: Contact, Inspection, Inspection Area, Inspection Checklist Item, Inspection Type, Inspection Type Area, Safety Certification (with sub-options: Columns, Relationships, Keys), Forms (which is selected and highlighted in grey), Views, Charts, Dashboards, and Business rules. The main content area shows a breadcrumb path: Vehicle Inspections > Tables > Safety Certification > Forms. Below this is a table listing forms with columns for Name, Form type, and Status. There are three entries: "Information" (Main, On), "Information" (Card, On, currently selected and highlighted in grey), and another "Information" entry. A context menu is open over the selected "Information" row, showing options: Edit in new tab, Form settings, Advanced, and Remove.

69. Insert the Outcome field below Subject. Save, close and publish the form.

The screenshot shows the Power Apps Form Designer interface. The top navigation bar includes 'FILE' (with Save, Publish, and Save As options), 'HOME', and a ribbon menu with 'Save As', 'Save and Close', 'Change Properties', 'Undo', 'Redo', 'Show Dependencies', 'Managed Properties', and 'Form Properties'. A yellow status bar at the top indicates: 'Form headers now default to high density to display more data. Use the new form designer to edit header density. [Learn more](#)'. The main workspace displays a form titled 'Solution: Vehicle Inspections' with the sub-form 'Form: Safety Certification'. The form is divided into sections: 'ColorStrip' (Status Reason), 'Header' (Priority, Due Date), 'Details' (Subject*, Outcome, Regarding), and 'Footer' (Owner, Date Created). To the right is a 'Field Explorer' pane with a filter set to 'All Fields' and checked for 'Only show unused field'. It lists various fields such as Activity Additional Param, Activity Status, Actual Duration, Actual End, Actual Start, BCC, CC, Created By, Created By (Delegate), Currency, Customers, Date Delivery Last Attempt, Date Sent, and Delivery Priority. A 'New Field' button is at the bottom of the pane.

70. Go to the Vehicle main form. Select the timeline control. Enable the Safety Certification activity. Save and publish the form.

Environment
PPCC25-Matt

rules Form properties Form settings ... Save a copy Save and publish

Safety Certification

Enable Create directly from timeline

Create Safety Certification using

Open Safety Certification using

Configure form

Select and order commands

- Assign
- Close activity
- Add to queue
- Open record
- Pin / Unpin
- Delete

Done Cancel

Note Text >
Timeline

Properties

Activities

Activity types

- Appointment
- Email
- Fax
- Letter
- Phone Call
- Recurring Appointment
- Social Activity
- Task
- Invite Redemption
- Portal Comment
- Teams chat
- Safety Certification**

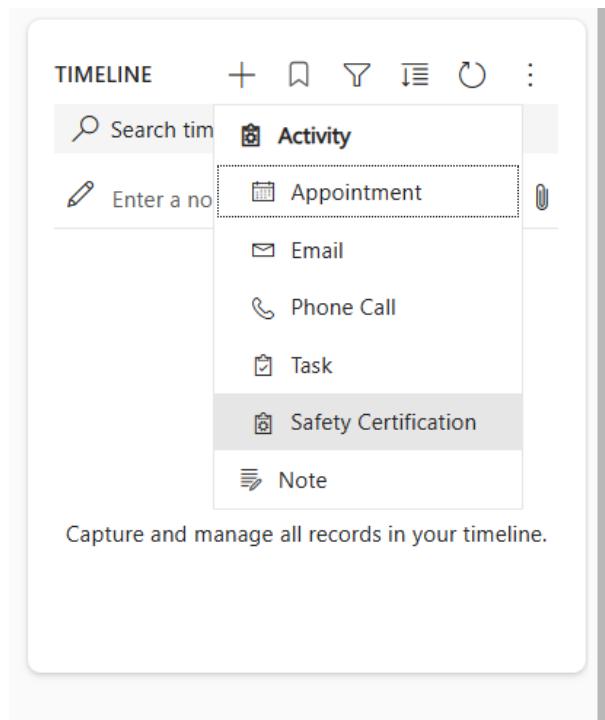
Sort activities by

Create activities using

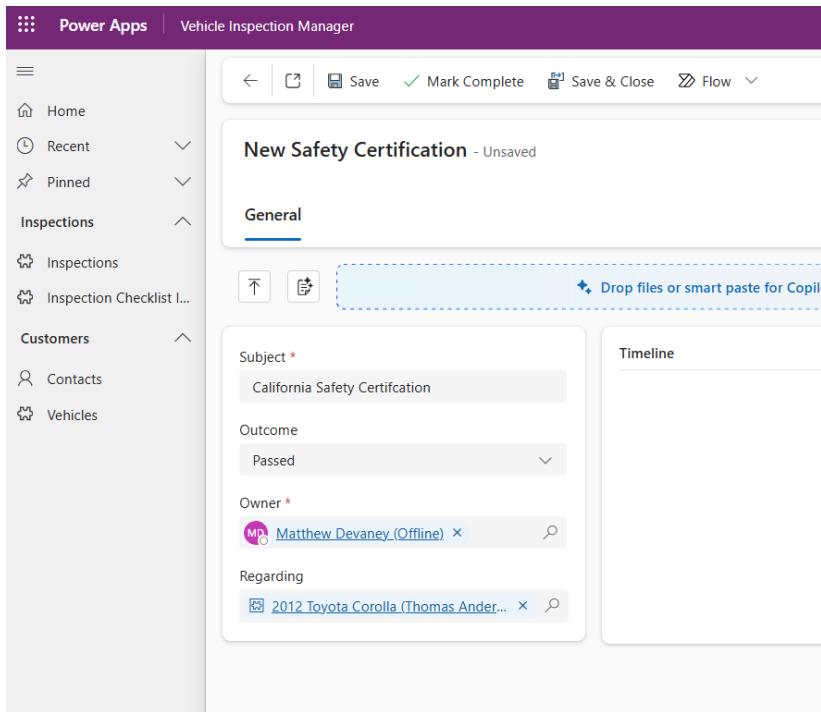
Open activities using

Show hidden

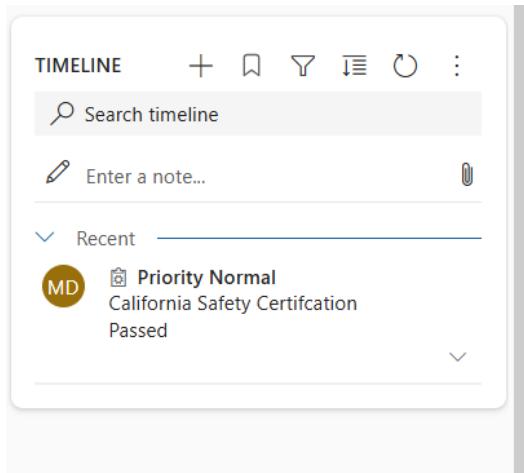
71. Go to the Vehicle Inspections Management app and open any Vehicle record. Add a new Safety Certification.



72. Fill-in the new Safety Certification Subject and Outcome then press Save & Close.



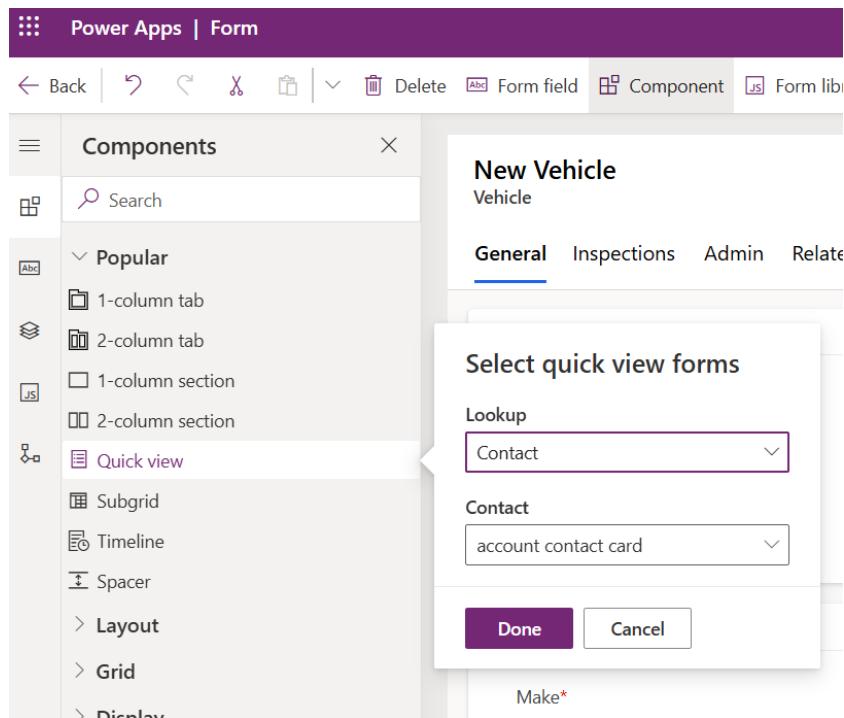
73. The Safety Certification activity appears in the timeline as a new activity.



Display Related Record Details In A Quick-View

The vehicle record form includes a Contact field for the owner of the car. We will add a quick-view form to show the Contact's business phone number and email which is stored on the related record.

74. Open the Vehicle main form and add a new Quick View component below the Contact field. Choose the Contact lookup field and the account contact card form.



75. The quick view form appears on the form and includes Email and Business fields. Save and publish the form.

New Vehicle

Vehicle

General Inspections Admin Related ▾

DETAILS

License Plate #

VIN*

VEHICLE INFORMATION

Make*

Model*

ADDITIONAL INFO

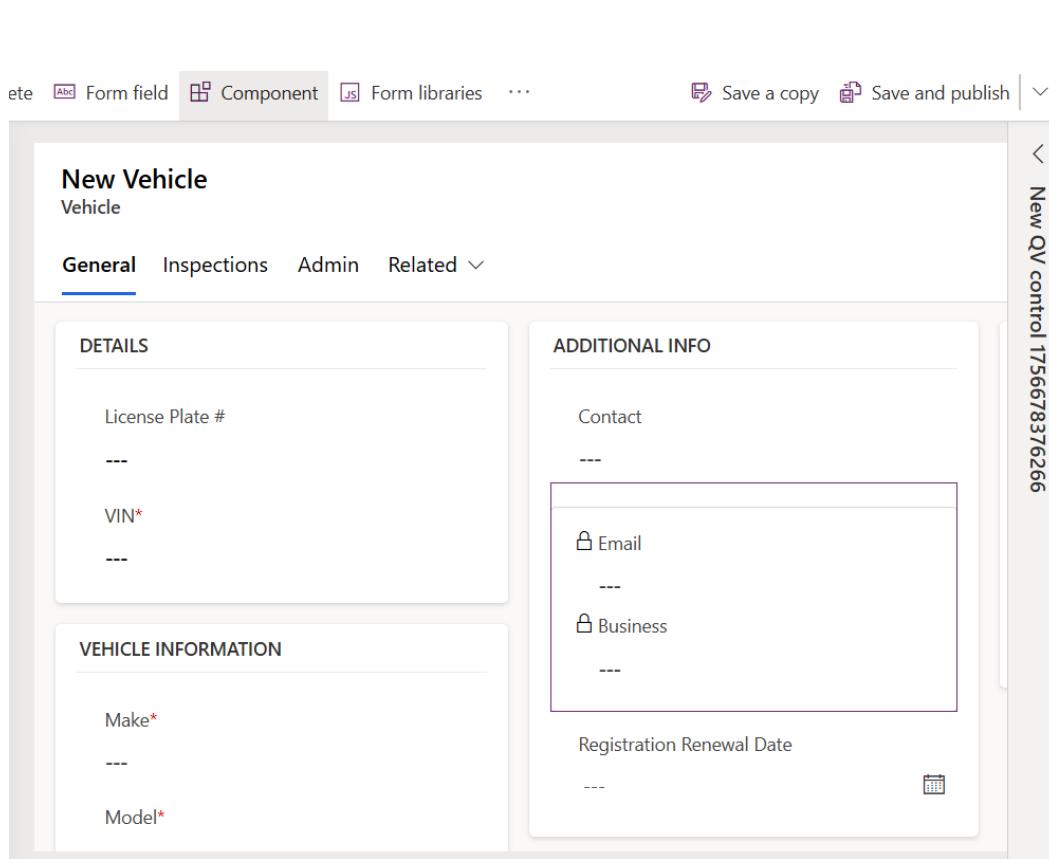
Contact

Email

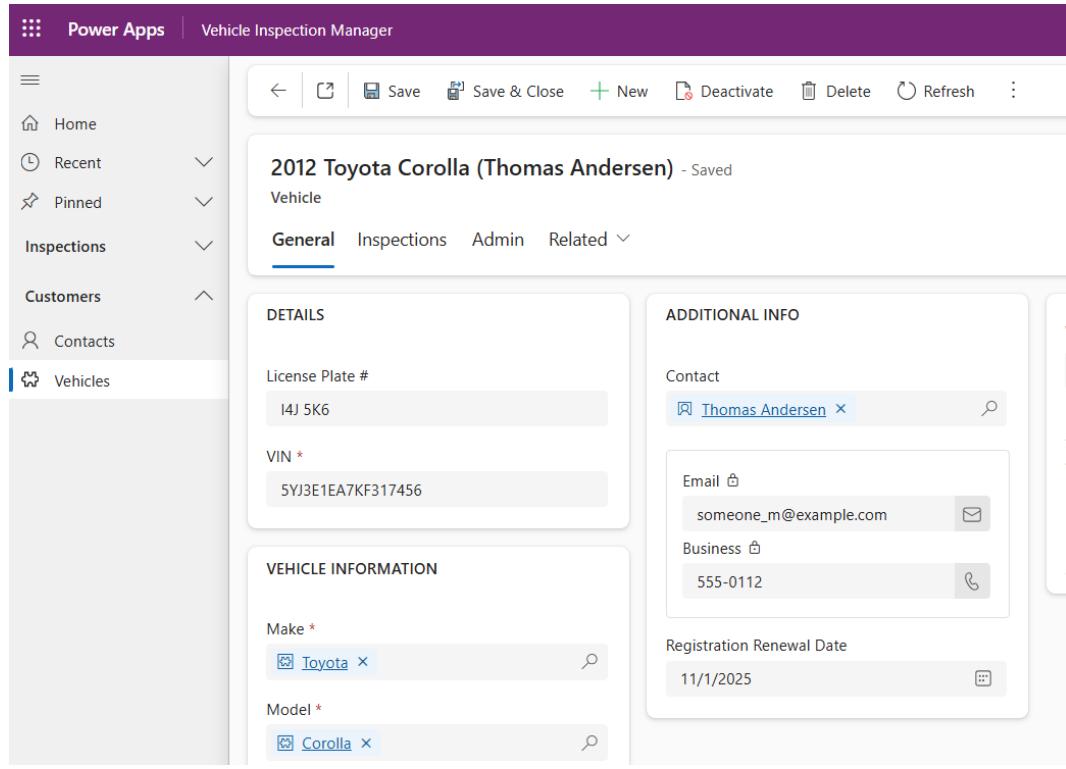
 Business

Registration Renewal Date

< New QV control 1756678376266



76. Open any vehicle record in the Contact form to see related record information in the quick-view form.



Change The Icon For A Table

We want to include a custom icon for the Vehicles table to replace the default icon.

77. In the Vehicle Inspections solution, go to the Web Resource image named Car. This is the icon we will use in our application. Close the web resource.

The screenshot shows the Microsoft Power Apps portal interface. On the left, there's a navigation sidebar with various icons and a search bar. The main area is titled 'Power Apps' and shows a list of objects under 'Objects'. The 'Web resources' section is selected, and it displays a list of items, one of which is 'Car'. To the right, a detailed view of the 'Car' item is shown in a modal window titled 'Edit web resource'. The modal contains fields for 'Choose file' (set to 'ppcc_Car'), 'File type' (set to 'Vector format (SVG)'), 'Name' (set to 'ppcc_Car'), 'Display name' (set to 'Car'), 'Description' (empty), 'Language' (set to 'None'), and a 'Save' button.

78. Open the Vehicle Inspection Management model-driven app.

This screenshot shows the Power Apps portal with the 'Vehicle Inspections' workspace selected. The left sidebar shows the 'Objects' section with 'Apps' highlighted. The main area displays a list of apps under 'Vehicle Inspections > Apps'. One app, 'Vehicle Inspection Management', is listed with its name, type (Model-driven), and a preview image. A context menu is open over this app, showing options: 'Edit', 'Edit in new tab', and 'Play'. The page number '70' is visible at the bottom right.

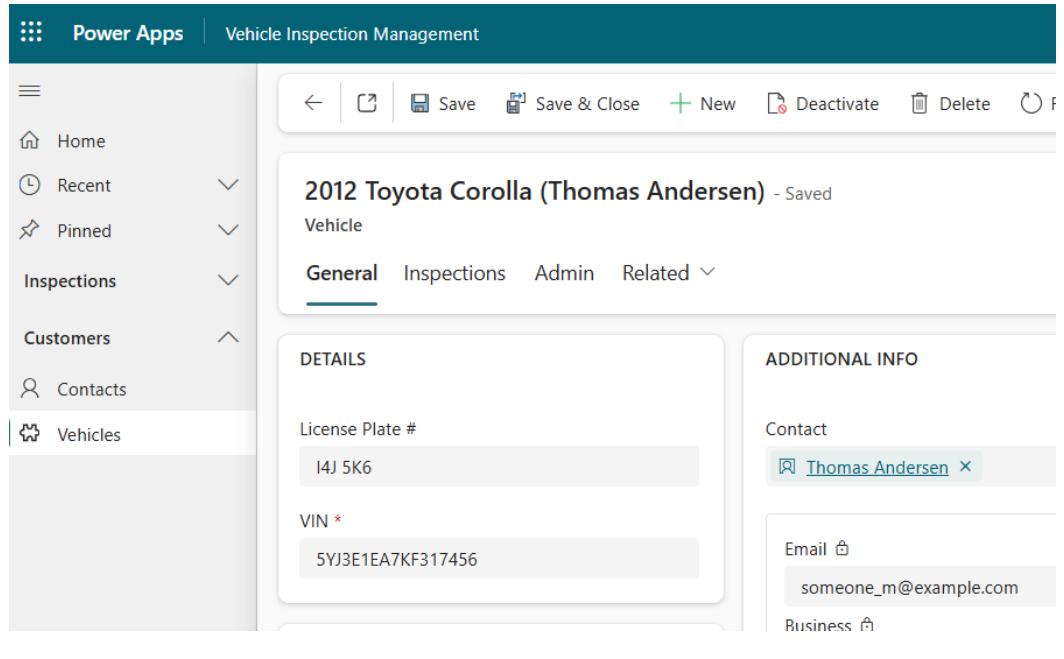
79. Select the Vehicle table, then choose the settings tab on the right-side menu. Update the icon dropdown to use web resource and press the Select icon button.

The screenshot shows the Power Apps interface for 'Vehicle Inspection Management'. On the left, there's a navigation pane with 'Pages' and 'Inspection Management' sections. In the center, a table titled 'Active Vehicles' lists several cars with columns for 'Name' and 'Year'. On the right, the 'Settings' tab is selected for the 'Vehicles' table. Under 'Content type', it's set to 'Table'. The 'Icon' dropdown is set to 'Use web resource', and the 'Select icon' button is highlighted with a red box. Other settings include 'Title' (set to 'Vehicles') and an 'ID' field (set to 'subarea_494edaf9').

80. Choose the Car icon and press the Apply button.

The screenshot shows the 'Select web resource image' dialog box. At the top, it says 'Only web resources in SVG format are supported.' Below is a search bar with 'car' typed in. A list of resources is shown, with one item 'Car' selected, indicated by a checked checkbox and a small car icon next to it. To the right are 'Apply' and 'Cancel' buttons.

81. Save and publish the app. The Vehicles page now shows a car icon.



Create An Inspections Bar Chart

Charts and views are the basic components needed for a dashboard. We will create a simple bar chart for inspections. Then we will add it to a dashboard.

82. Go to the Inspection table, navigate to Charts then press the New Chart button.

The screenshot shows the Power Apps Objects screen. The top navigation bar includes 'Power Apps', 'Environment PPCC25-Matt', and a search bar. Below the navigation is a toolbar with icons for back, forward, search, and more. The main area is titled 'Objects' and contains a 'Search' input field. A red box highlights the '+ New chart' button. To the right, a list of objects is shown under 'Vehicle Inspections > Tables > Inspection > C'. The list includes 'Name ↑' and 'Managed ↓' sorting options. Below the list is a circular icon with three horizontal bars and a message: 'We didn't find anything to show here'.

- > Checklist Item
- > Contact
- ✓ Inspection
 - Add Columns
 - Relationships
 - Keys
 - Forms
 - Views
 - Charts
- > Inspection Area
- > Inspection Checklist Item

83. Select a bar chart. Name the chart Inspections By Type. Choose the legend series Created On and the aggregation type Count:All. Pick the horizontal axis labels Inspection Type. Save and close the chart.

Power Apps

FILE HOME

Save & Close Save As

Column Bar Area Line Pie Funnel Tag Doughnut

Top X Rule Bottom X Rule Clear Rules

Save Charts Top/Bottom Rules

Working on solution: Vehicle Inspections

View used for chart preview

Active Inspections

Inspections By Type

Safety In... 9
Emission ... 1
Comprehen... 11

Legend Entries (Series)

Created On Count:All

+ Add a series

Horizontal (Category) Axis Labels

Inspection Type

+ Add a category

aa

74

84. The new chart will appear inside of the solution.

The screenshot shows the Microsoft Power Apps interface. The top navigation bar is purple with the title "Power Apps". On the left, there's a vertical toolbar with icons for Home, Objects, Data, Pages, Flows, and Logic apps. The main area is titled "Objects" and has a search bar. Under "Objects", there's a tree view: "Contact" (expanded), "Inspection" (expanded), "Columns", "Relationships", "Keys", "Forms", "Views", "Charts" (selected and highlighted in grey), "Dashboards", "Business rules", and "Commands". To the right, a breadcrumb path shows "Vehicle Inspections > Tables > Inspections By Type". Below the path, there's a sorting header "Name ↑" and a chart titled "Inspections By Type".

Add A Dashboard To The Model Driven App

Dashboards are collections of charts and views. We will create a new dashboard and add it to the model-driven app

85. Select All objects in the solution then choose New > Dashboard > 2-Column overview

The screenshot shows the 'Objects' section of the Power Apps interface. On the left, there's a sidebar with various icons. The main area has a search bar labeled 'Search'. Below it is a list of objects: 'All (63)', 'Agents (0)', 'Apps (2)', 'Cards (0)', 'Choices (5)', 'Cloud flows (2)', 'Connection references (3)', and 'Custom API (1)'. To the right, there's a navigation bar with '+ New', 'Add existing', and 'Publish all customizations'. A dropdown menu is open under 'Add existing', showing options like 'Agent', 'App', 'Automation', 'Dashboard', 'Report', 'Security', 'Table', and 'More'. Each option has a corresponding icon and a preview of its design. The preview for 'Dashboard' shows a '2-Column overview' with two boxes. The preview for 'Table' shows a '4-Column overview' with four boxes. The preview for 'More' shows a 'Power BI embedded' view.

86. Name the dashboard "Inspection Dashboard." Select the top-left section and press the Chart button.

Power Apps

SAVE CLOSE PROPERTIES UNDO CHART LIST WEB RESOURCE ...

Solution: Vehicle Inspections
Dashboard : New

Name: * Inspection Dashboard

Section

The screenshot displays the Microsoft Power Apps 'Dashboard : New' editor. At the top, there's a dark header bar with the 'Power Apps' logo and several action buttons: SAVE, CLOSE, PROPERTIES, UNDO, CHART, LIST, WEB RESOURCE, and three vertical dots. Below the header, the title 'Solution: Vehicle Inspections' and 'Dashboard : New' are shown. A 'Name:' field contains the value 'Inspection Dashboard'. The main area features a 2x2 grid of four empty cards, each with a dashed border. Each card has a set of small icons at the top right: a chart, a list, a lightbulb, a square, and a globe. The top-left card is currently active, indicated by a blue border. The bottom-right card also has a blue border, suggesting it is the next target for interaction.

87. Select the following options then press the Add button:

- Record Type: Inspection
- View: Active Inspections
- Chart: Inspections By Type

ction Dashboard

Add Component

Choose the component that you want to add to the dashboard.

Record Type

Inspection

View

Active Inspections

Chart

Inspections By Type

Inspections By Type

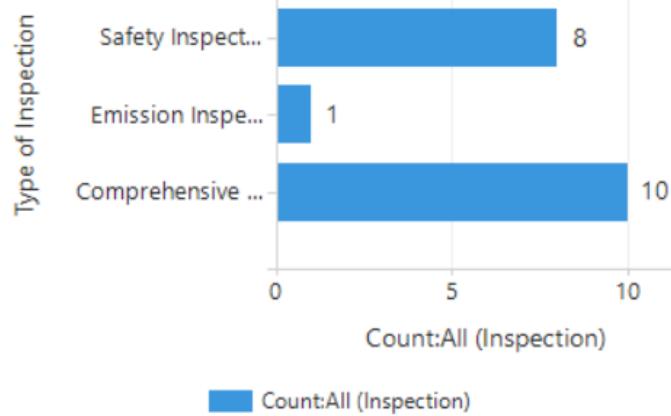
Type of Inspe...

Type of Inspection	Count:All (Inspection)
Safety In...	8
Emission ...	1
Comprehen...	10

Count:All (Inspection)

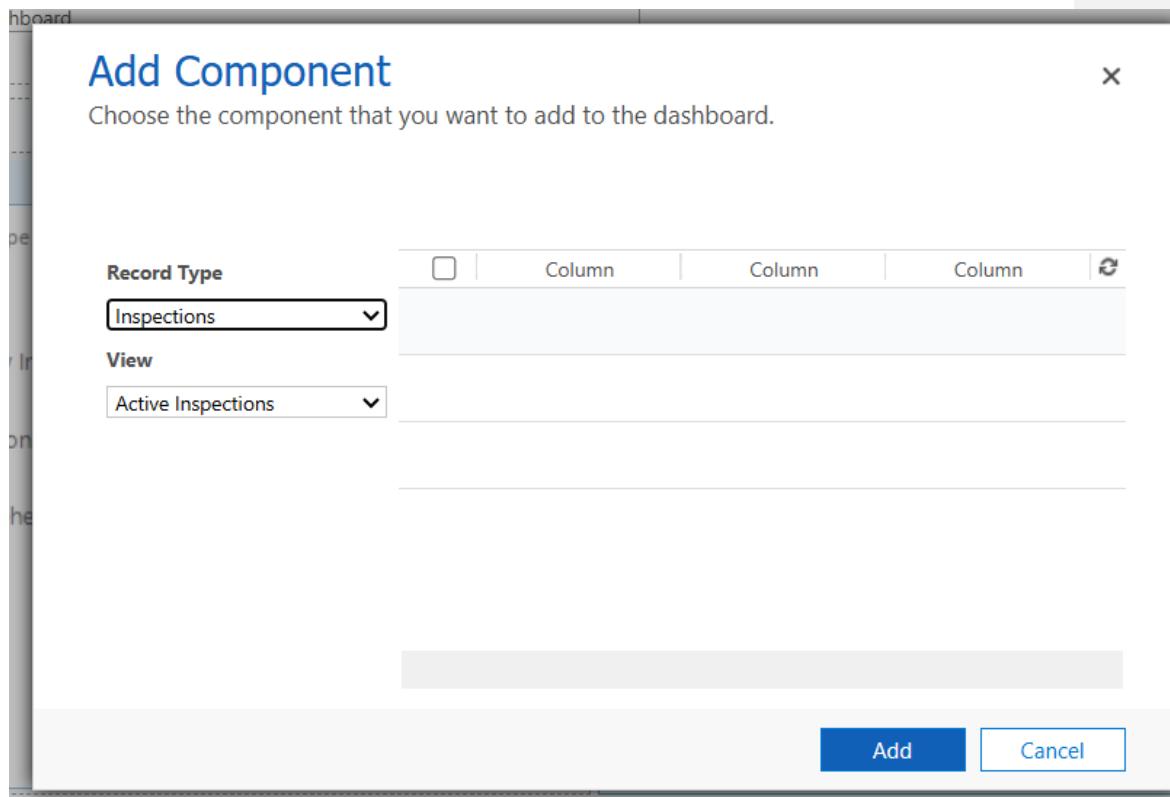
Add Cancel

88. Select the top-right section then press the List button.

Solution: Vehicle Inspections**Dashboard : New****Name:** * **Section****Chart****Inspections By Type**

89. Choose the following options then press the Add button:

- Record Type: Inspections
- View: Active Inspections



90. Save and close the dashboard.

Power Apps

SAVE CLOSE PROPERTIES EDIT COMPONENT REMOVE UNDO CHART LIST ...

Solution: Vehicle Inspections
Dashboard : New

Name: * Inspection Dashboard

Section

Chart

Inspections By Type

Inspection Type	Count
Safety Inspect...	9
Emission Inspect...	1
Comprehensive ...	11

Inspections : View Selector

91. Go to the model-driven app and add a new Dashboard.

Power Apps | Vehicle Inspection Management

Back Add page Settings Edit view ...

Pages

Inspections Management New

Add page

Dataverse table Dashboard Custom page

Web resource Navigation link

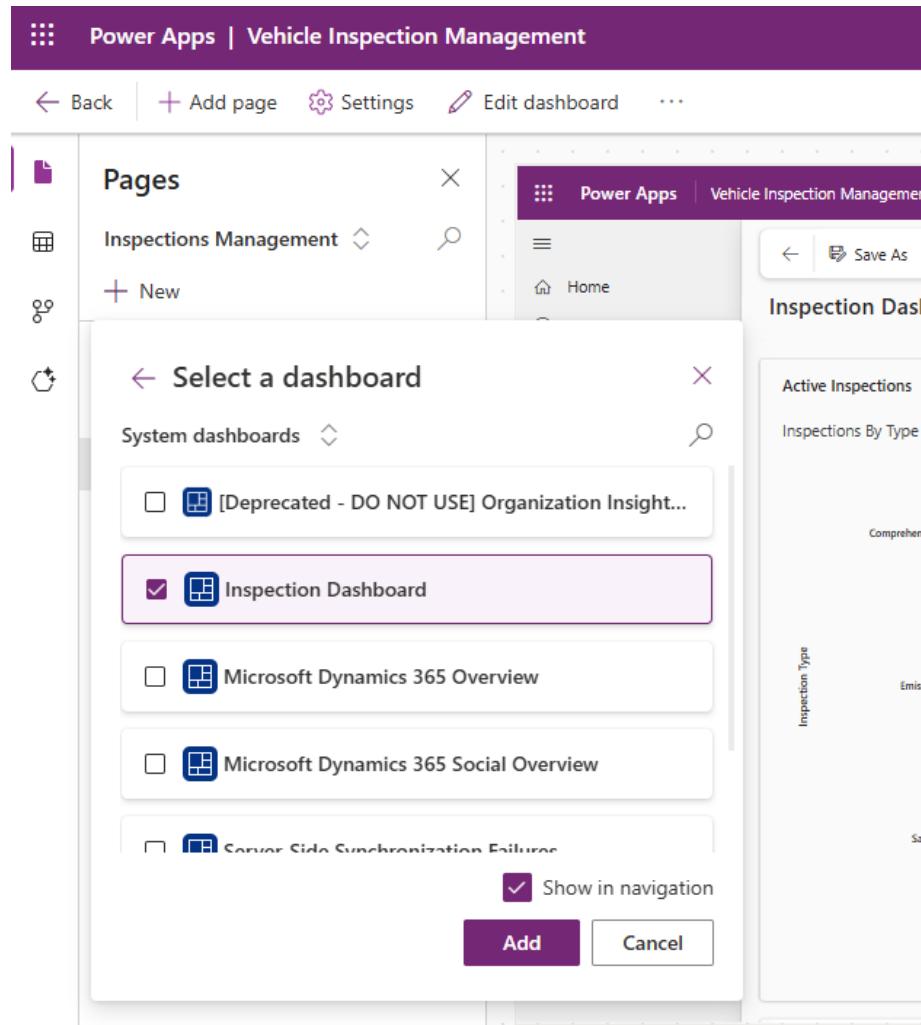
Power Apps | Vehicle Inspection Management

Show Chart New Delete

Active Inspections

	Inspection Number ↑	Customer Name
<input type="checkbox"/>	0000-202507240307	Jim Glynn
<input type="checkbox"/>	0001-202509032011	Jim Glynn
<input type="checkbox"/>	0002-202509030229	Paul Campbell
<input type="checkbox"/>	0010-202509030329	Coho Ventures
<input type="checkbox"/>	0011-202509030329	Adventure Travel
<input type="checkbox"/>	0015-202509030331	Coho Ventures
<input type="checkbox"/>	0016-202509030333	Adventure Travel
<input type="checkbox"/>	0017-202509030334	Fabrikam Inc.
<input type="checkbox"/>	0018-202509030334	Alpine Solutions
<input type="checkbox"/>	0019-202509030334	Blue Yeti Media
<input type="checkbox"/>	0020-202509030334	City Pictures

92. Choose the Inspection Dashboard.



93. The dashboard appears in model-driven app.

Power Apps | Vehicle Inspection Management

Back Add page Settings Edit dashboard ...

Pages

Inspections Management New

Navigation

Inspections

Inspection Dashboard Contacts view Contacts form Inspections view Inspections form Repair Quotes view Repair Quotes form Vehicles view Vehicles form

All other pages

Power Apps | Vehicle Inspection Management

Home Recent Pinned Inspections

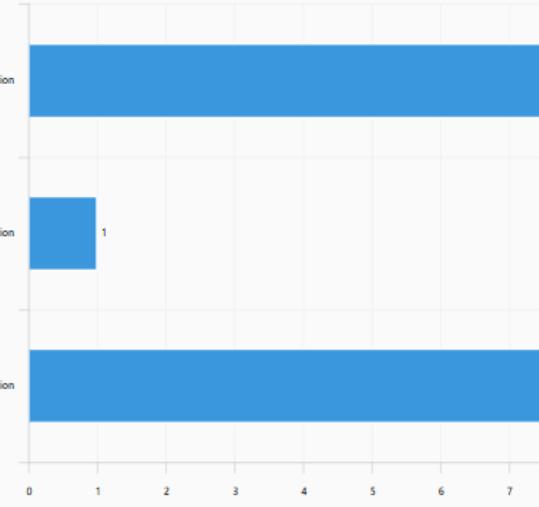
Inspection Dashboard

Save As New Set As Default Refresh All

Inspection Dashboard

Active Inspections

Inspections By Type



Inspection Type	Count
Comprehensive Inspection	7
Emission Inspection	1
Safety Inspection	7

Count:All (Created On)

Apply A Theme To A Model-Driven App (Optional)

We can change the model-driven app banner color by applying a theme file, but not much else. By design, model-driven apps look-and-feel is not very customizable.

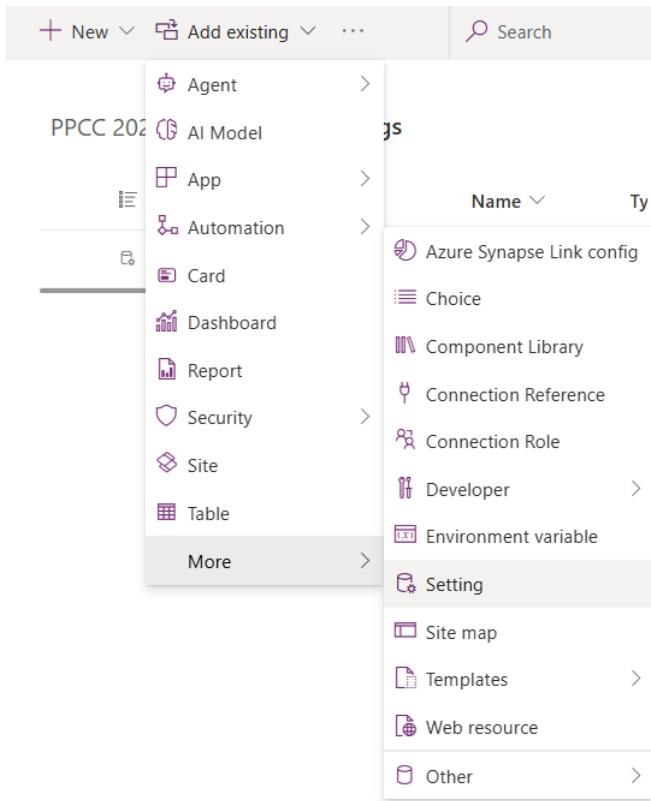
94. In the Vehicle Inspections solution, open the Data web resource named PPCC2025AppTheme and click on the URL. The code which appears here is a settings file.

The screenshot shows the Power Apps portal interface. On the left, there's a navigation sidebar with various icons and a search bar. The main area shows a breadcrumb path: Vehicle Inspections > Web resources. Below this, a list of items includes 'All (33)', 'Agents (0)', 'Apps (1)', 'Cards (0)', 'Choices (3)', 'Cloud flows (1)', 'Connection references (1)', 'Data workspaces (1)', 'Plan artifacts (2)', 'Plans (1)', 'Processes (3)', 'Security roles (1)', 'Site maps (1)', 'Tables (16)', and 'Web resources (2)'. Under 'Web resources', there are three sub-items: 'Code (0)', 'Data (1)', and 'Images (1)'. The 'Data (1)' item is selected and highlighted in grey. On the right, the 'Edit web resource' dialog is open for the 'ppcc_PPCC2025AppTheme' item. The dialog has several fields:

- Upload a file ***: A 'Choose file' button with the file name 'ppcc_PPCC2025AppTheme'.
- File type**: Set to 'Data (XML)'.
- Name ***: The value is 'ppcc_PPCC2025AppTheme'.
- Display name**: The value is 'PPCC2025AppTheme'.
- Description**: An empty text area.
- Language**: A dropdown menu set to 'None'.
- URL**: A text area containing the URL https://ppcc-mda.crm3.dynamics.com/WebResources/ppcc_PPCC2025AppTheme.

At the bottom of the dialog are 'Save' and 'Cancel' buttons.

95. Add an existing Setting to the solution named Custom Theme Definition.



96. Add a setting app value for Vehicle Inspection Management “ppcc_PPCC2025AppTheme” then press Save.

The screenshot shows the Microsoft Power Apps portal interface. On the left, there's a navigation bar with various icons and a search bar. Below it is a sidebar titled 'Objects' with a search input field. The main content area shows a list of objects: All (34), Agents (0), Apps (1), Cards (0), Choices (3), Cloud flows (1), Connection references (1), Data workspaces (1), Plan artifacts (2), Plans (1), Processes (3), Security roles (1). Under 'Settings', there are Site maps (1) and Tables (16). Under 'Web resources', there are 2 items. A modal window titled 'Edit Custom theme definiti...' is open, showing the following fields:

- Information URL:** https://go.microsoft.com/fwlink/?linkid=1212455
- Data type:** String
- Default value:** ""
- Setting environment value:** Override the default value by setting a value for your environment. A button '+ New environment value' is present.
- Setting app values:** Override the default value and environment value by setting a value for an app. Apps will need to be re-published for changed values to take effect.
- Vehicle Inspection Management:** A dropdown menu containing 'ppcc_PPCC2025AppTheme' and a '...' button.

At the bottom of the modal are 'Save' and 'Cancel' buttons.

97. Press the Publish all customizations button.

The screenshot shows the 'Power Apps' interface with the 'Objects' section selected. A search bar at the top has the placeholder 'Search'. Below it, a button bar includes '+ New', 'Add existing', and 'Publish all customizations'. On the left, a sidebar lists various object types: Agents (0), Apps (1), Cards (0), Choices (3), Cloud flows (1), Connection references (1), Data workspaces (1), and Plan artifacts (2). The 'All (34)' option is highlighted. The main area displays a list of objects with columns for 'Display name' and 'Name'. The objects listed are: Account, Car, Checklist Item, Checklist Item Condition, and Contact.

Display name	Name
Account	account
Car	ppcc_Car
Checklist Item	ppcc_checklistitem
Checklist Item Condition	ppcc_checklistitem...
Contact	contact

98. Once the settings changes are published it the app will have a header bar with a different color.

The screenshot shows the 'Vehicle Inspection Management' app. The left sidebar includes links for Home, Recent, Pinned, Inspections, Customers (with a dropdown arrow), and Vehicles. The main area has a header with 'Show Chart', 'New', 'Delete', 'Refresh', and 'Visualize this view'. Below is a table titled 'Active Vehicles' with columns for Name, Year, Make, and Model. The table lists several vehicles:

Name	Year	Make	Model
2004 Audi Q5 (Sidney Higa)	2004	Audi	Q5
2005 Hyundai Elantra (Paul C...)	2005	Hyundai	Elantra
2006 Nissan Maxima (Paul Ca...)	2006	Nissan	Maxima
2008 Mercedes-Benz E-Class ...	2008	Mercedes-Benz	E-Class
2009 BMW X5 (Susan Burk)	2009	BMW	X5
2010 Chevrolet Malibu (Susan...)	2010	Chevrolet	Malibu

