

Ejercicio 6 Día 5 – Orlando Sánchez Acuña

Crear relaciones de registros

The screenshot shows the Appian Data Modeler interface for the 'AX Vehicle' data model. The interface is divided into several sections:

- Left Navigation Panel:** Contains sections for DATA (Data Model, Sync Options), USER INTERFACES (Tempo, List, Search and User Filters, Views and Header, Record Actions), SECURITY (Record-Level Security), and MONITORING (Performance, Sync History).
- Top Bar:** Includes the 'AX Vehicle' title, a 'SAVE CHANGES' button, and the Appian logo.
- Data Model Structure:** A table listing fields for the 'AX Vehicle' entity.

Field Name	Type			
vehicleId	Number (Integer)			
vehicleMake	Text			
vehicleModel	Text			
vehicleColor	Text			
vehicleCondition	Number (Integer)			
vehicleStatus	Number (Integer)			
vehicleCategory	Number (Integer)			
vehicleMileage	Number (Integer)			
vehicleYear	Number (Integer)			
- Entity Relationship Diagram (ERD):** A central 'AX Vehicle' entity is connected to four other entities: 'Maintenance', 'Status', 'Condition', and 'Category'. Each relationship is represented by a line with a small circle at the end.
- Right Panel:** Contains configuration options for the selected entity, including 'SOURCE' (Database: aavehicle), 'SOURCE FILTERS' (EDIT FILTERS), and 'RELATIONSHIPS' (ADD RELATIONSHIP, category, condition, maintenance, status).

Filtros de usuarios

Configuración

AX Vehicle

SAVE CHANGES

appian

Edit User Filter

Changing or removing user filters may clear user-saved filter selections

Guided Configuration Expression

Filter Configurations

Name

Label

1	"Category"
---	------------

Enter an expression to define the displayed name of this user filter. Example: "Status"

Field

Type List Date Range

CANCEL OK

List Configurations

Users can select multiple options

Choice Options *

Related record values Fixed values

Option labels will be generated for each value in the category.label field

Default Option(s)

1	
---	--

When this value matches a filter option label, that filter option is applied at runtime.

AX Vehicle

SAVE CHANGES

appian

Edit User Filter

Changing or removing user filters may clear user-saved filter selections

Guided Configuration Expression

Filter Configurations

Name

Label

1	"Status"
---	----------

Enter an expression to define the displayed name of this user filter. Example: "Status"

Field

Type List Date Range

CANCEL OK

List Configurations

Users can select multiple options

Choice Options *

Related record values Fixed values

Option labels will be generated for each value in the status.label field

Default Option(s)

1	
---	--

When this value matches a filter option label, that filter option is applied at runtime.

AX Vehicle

SAVE CHANGES

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Edit User Filter

Changing or removing user filters may clear user-saved filter selections

Guided Configuration Expression

Filter Configurations

Name

Label

1	"Condition"
---	-------------

Enter an expression to define the displayed name of this user filter. Example: "Status"

Field

Type List Date Range

CANCEL OK

List Configurations

Users can select multiple options

Choice Options *

Related record values Fixed values

Option labels will be generated for each value in the condition.label field




Default Option(s)

1	
---	--

When this value matches a filter option label, that filter option is applied at runtime.







News Tasks (3) Records Reports Actions appian

AX Vehicles

[+ ADD VEHICLE](#)   

SEARCH MILEAGE CATEGORY | Any CATEGORY | Any

STATUS | Any CONDITION | Any

VIN	Make	Model	Year	Next Maintenance Date	Added by	Mileage Category	Image
2F2DE48C8N4309374	Ford	F150	2019	8/10/2020	Regina Registrar	Low Mileage	
2L3ED45V3D4030403	Lexus	ES350	2019	8/24/2020	Regina Registrar	Low Mileage	
7G90G567894589047	VW	Corrado	2015	11/22/2020	Suzanne Supervisor	Low Mileage	
7Y569K09856785656	Honda	Pilot	2020	11/18/2020	Suzanne Supervisor	Low Mileage	 
2H7XF64H8J6572134	Honda	Odyssey	2020	9/2/2020	Regina Registrar	Low Mileage	

Crear un campo de registro personalizado para el costo total de mantenimiento por vehículo

AX Vehicle SAVE CHANGES ? addian

Create Custom Record Field

Select a Template Configure Values Set Name and Type

SELECT A TEMPLATE

Reporting

- Groups Based on a Range**
Define ranges to organize your numerical data
Example: If you have a record field called "price", you could create a new custom field called "priceGroup" so when the price value is less than or equal to \$10, the custom field displays the value as "Low", price values greater than \$10 and less than or equal to \$30 display as "Medium", and all other price values display as "High".
- Groups Based on Text Values**
Organize text values into groups
Example: If you have a record field called "status" with 10 unique statuses, you could group them into multiple new statuses. So the status values "in review" and "in testing" could be grouped together to display as "Pending" in the new custom record field.

Data Preparation

- Extract Partial Dates**
Return a partial value from a date, like the date without the time, or just the month from the date
Example: Using the record field "closedOn", you could create a new "closedOnMonth" custom record field that only displays the month in which a ticket was closed.
- Aggregate Related Record Fields** 4
Get the sum, average, count, distinct count, maximum, or minimum of a related record field in a one-to-many relationship
The Support Case record type has a one-to-many relationship with the Comments record type, and you want to know how many comments were left on each case. On the Support Case record type, you can create a custom record field that calculates the count of comments for each support case.

CANCEL NEXT ?

AX Vehicle SAVE CHANGES ? addian

Create Custom Record Field

Select a Template **Configure Values** Set Name and Type

CONFIGURE VALUES

AGGREGATE RELATED RECORD FIELDS

Field

maintenance.cost X

Aggregation Function

Sum of

Filters

Filter related record values?

BACK CANCEL NEXT ?

TEST TEST

vehicleId Number (Integer)	vehicleMake Text	Custom Record Field Number (Integer)
1	Ford	1390
2	Lexus	700
3	VW	200
4	Honda	380
5	Honda	70
6	Toyota	150
8	Ford	3550

AX Vehicle SAVE CHANGES ? addian

Create Custom Record Field

Select a Template **Configure Values** Set Name and Type

CONFIGURE VALUES

AGGREGATE RELATED RECORD FIELDS

Field

maintenance.requestId X

Aggregation Function

Count of

Filters

Filter related record values?

BACK CANCEL NEXT ?

TEST TEST

vehicleId Number (Integer)	vehicleMake Text	Custom Record Field Number (Integer)
1	Ford	6
2	Lexus	2
3	VW	2
4	Honda	2
5	Honda	6
6	Toyota	2
8	Ford	6

Actualización de la interfaz de la vista de resumen

AX_VehicleSummary DESIGN MODE EXPRESSION MODE

Color: Red | Mileage: 500 | Model: F150 | Category: 3 | Vin: 2F2DE48C8N4309374 | Date Added: May 4, 2019 | Status: 9 | Next Maintenance Date: August 10, 2020 | Category: Low Mileage

Read-only Grid

Request	Issue	Vehicle	Mechanic	Service Status	Request Date
MR0001	Flat Tire	2F2DE48C8N4309374	Mike Mechanic	Completed	5/3/2020
MR0042	Burning smell after driving for more than 15 minutes. Verified it's not from the oil leak.	2F2DE48C8N4309374	Fred Fixit	Completed	5/5/2020
MR0043	Seat belt problem on driver's side. Problem is with latch.	2F2DE48C8N4309374	Mike Mechanic	Completed	5/7/2020
MR0059	Water leaking inside car	2F2DE48C8N4309374	Mike Mechanic	Completed	5/12/2020
MR0060	The brakes are noisy.	2F2DE48C8N4309374	Mike Mechanic	Completed	5/12/2020
MR0114	Oil leak	2F2DE48C8N4309374	Mike Mechanic	Completed	6/8/2020

6 items

Actualizar los campos de categoría, estado y condición

AX_VehicleSummary DESIGN MODE EXPRESSION MODE

Changes saved

Vehicle Information

Year: 2019 | Make: Ford | Color: Red | Model: F150 | Category: Truck | Vin: 2F2DE48C8N4309374 | Status: In Maintenance

Condition: Like New | Mileage: 500 | Category: Low Mileage | Date Added: May 4, 2019 | Next Maintenance Date: August 10, 2020

Component Configuration:





- Name: vehicle | Value: [AX Vehicle vehicl...]
- LOCAL VARIABLES
- COMPONENT CONFIGURATION
- Contents
- Text: Instructions
- Help Tooltip
- Placeholder
- Display Value: r!vehicle[recordType]AX Vehicle
- Save Input To: Select a variable

Añadir un filtro de usuario basado en expresiones

AX Vehicles

+ ADD VEHICLE

SEARCH MILEAGE CATEGORY | Any CATEGORY | Any
STATUS | Any CONDITION | Any MAKE | Ford (9)

VIN	Make	Model	Year	Next Maintenance Date	Added by	Mileage Category	Image
2F2DE48C8N4309374	Ford	F150	2019	8/10/2020	Regina Registrar	Low Mileage	
1F4CG37S8P3628311	Ford	F150	2019	5/10/2021	Regina Registrar	Low Mileage	
34FG678956T435678	Ford	Focus	2015	11/14/2020	Regina Registrar	Medium Mileage	
5F3484833D5534544	Ford	F150	2019	10/7/2020	Regina Registrar	Low Mileage	
78T67893456789045	Ford	Ford	2019	9/23/2020	Regina Registrar	Low Mileage	

Open the Learning Center to select a tutorial or video

