Ejercicio 8 Día 7 – Process Modeling 101 Part 1 – Orlando Sánchez Acuña

Cambiar título

PALETTE

COMPONENTS | PATTERNS

Search Components...

LAYOUTS
- SECTION
- COLUMNS
- SIDE BY SIDE
- BOX
- CARD
- BILLBOARD

INPUTS
- TEXT
- PARAGRAPH
- INTEGER
- DECIMAL
- DATE
- DATE & TIME
- ENCRYPTED TEXT
- FILE UPLOAD
- SIGNATURE
- BARCODE

SELECTION
- DROPDOWN
- MULTIPLE DROPDOWN

EDIT | PREVIEW | PERFORMANCE

Form Layout

Add Vehicle

Vehicle Make
0/55

Vehicle Model

Vehicle Color
0/55

Vehiclecondition

Vehicle Status

Vehicle Category

Vehicle Mileage

Vehicle Year

Vehicle Vin
0/17

Vehicle Last Maintenance Date
mm/dd/yyyy

Vehicle Next Maintenance Date
mm/dd/yyyy

Vehicle Image

Vehicle Added By
0/255

Vehicle Date Added
mm/dd/yyyy

Vehicle Last Modified By

Vehicle Last Modified Date

RULE INPUTS

Name	Value
vehicle	null
cancel	null

LOCAL VARIABLES

COMPONENT CONFIGURATION

Form Layout

Label
Add Vehicle

Instructions

Contents
List of Components ▸

Buttons
Button Layout ▸

Visibility
● Always show
○ Only show when...

Validations (List of Text String)

Validation errors to display below the field when the value is not null.

```
1 ▾  if(ri!vehicle.vehicleNextMaintenanceDate <
2     ri!vehicle.vehicleLastMaintenanceDate,
3     "The next maintenance date must be after the last maintenance date.",
4     null
5     )
```
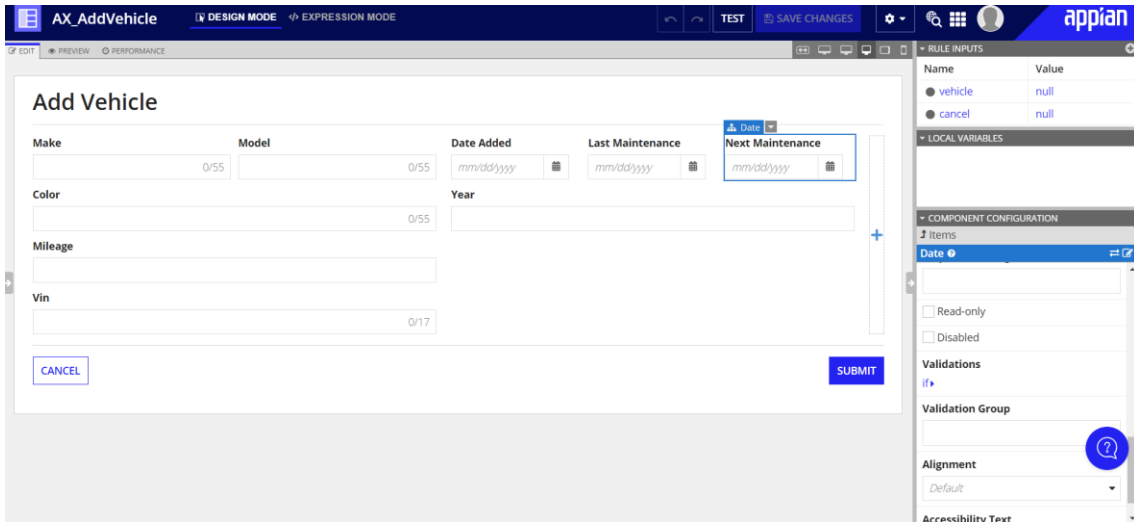
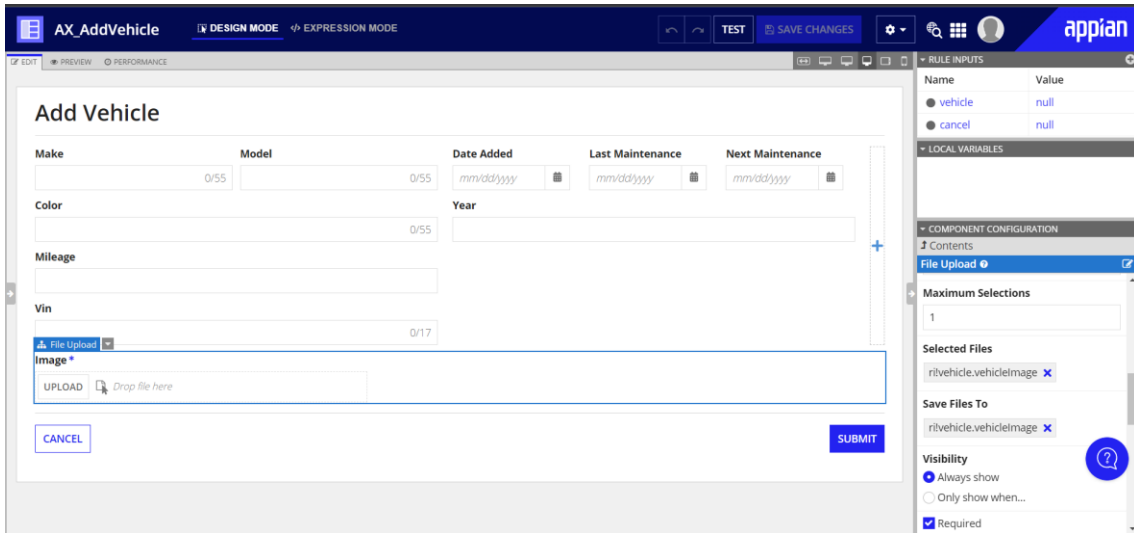*Place cursor on function, rule, or constant to display help*
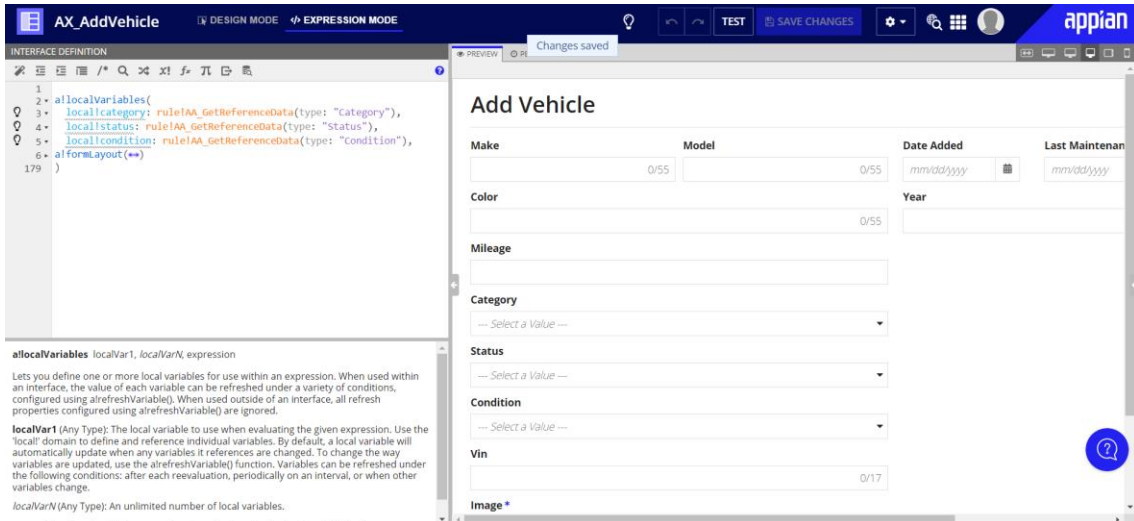
Clear expression and reset value

CANCEL   OK
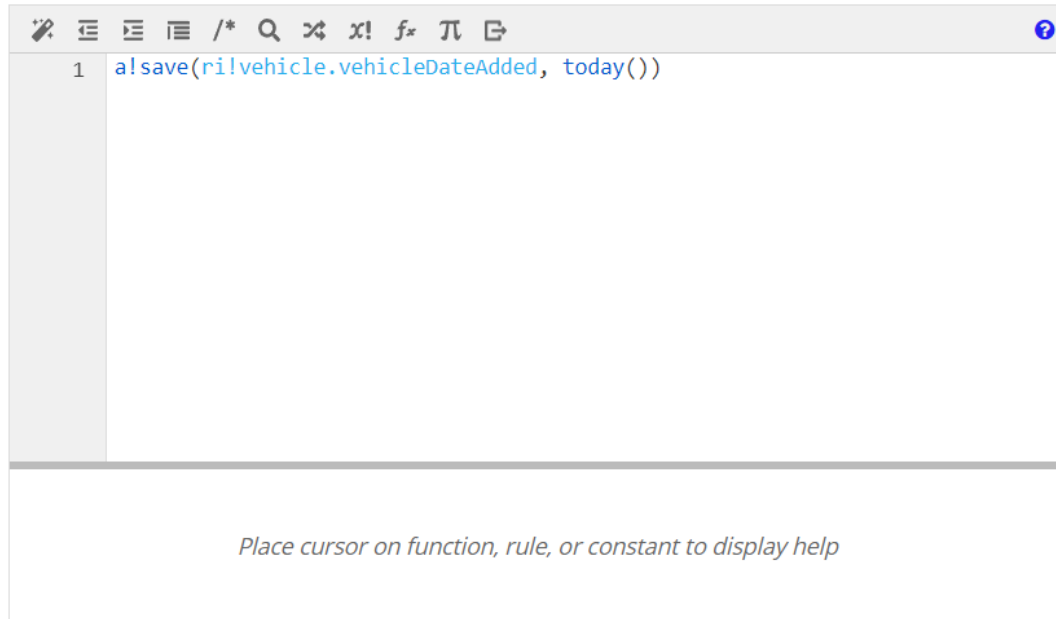
Add a File Upload Component

Add Dropdown Components

Configure the Submit Button

Add Vehicle

Make

0/55

Model

0/55

Date Added

Aug 2, 2022

Last Maintenance

mm/dd/yyyy 📅

Next Maintenance

mm/dd/yyyy 📅

Color

0/55

Year

Mileage

Category *

--- Select a Value --- ▾

Status *

--- Select a Value --- ▾

Condition *

--- Select a Value --- ▾

Vin

0/17

Image *

Display Value (Date)

Date to display in the field.

```
1   today()
```

Place cursor on function, rule, or constant to display help

Clear expression and reset value

CANCEL   OK

Save Value To (List of Save)

One or more variables that are updated with the button value when the user presses it. Use a!save() to save a modified or alternative value to a variable.

```
1  a!save(ri!vehicle.vehicleDateAdded, today())
```

Place cursor on function, rule, or constant to display help

Clear expression and reset value

CANCEL   OK

Create the Supervisor Approval Form

Edit Rule Input

Name *

approvalDecision

Type *

Boolean ✗

☐ Array (multiple values)

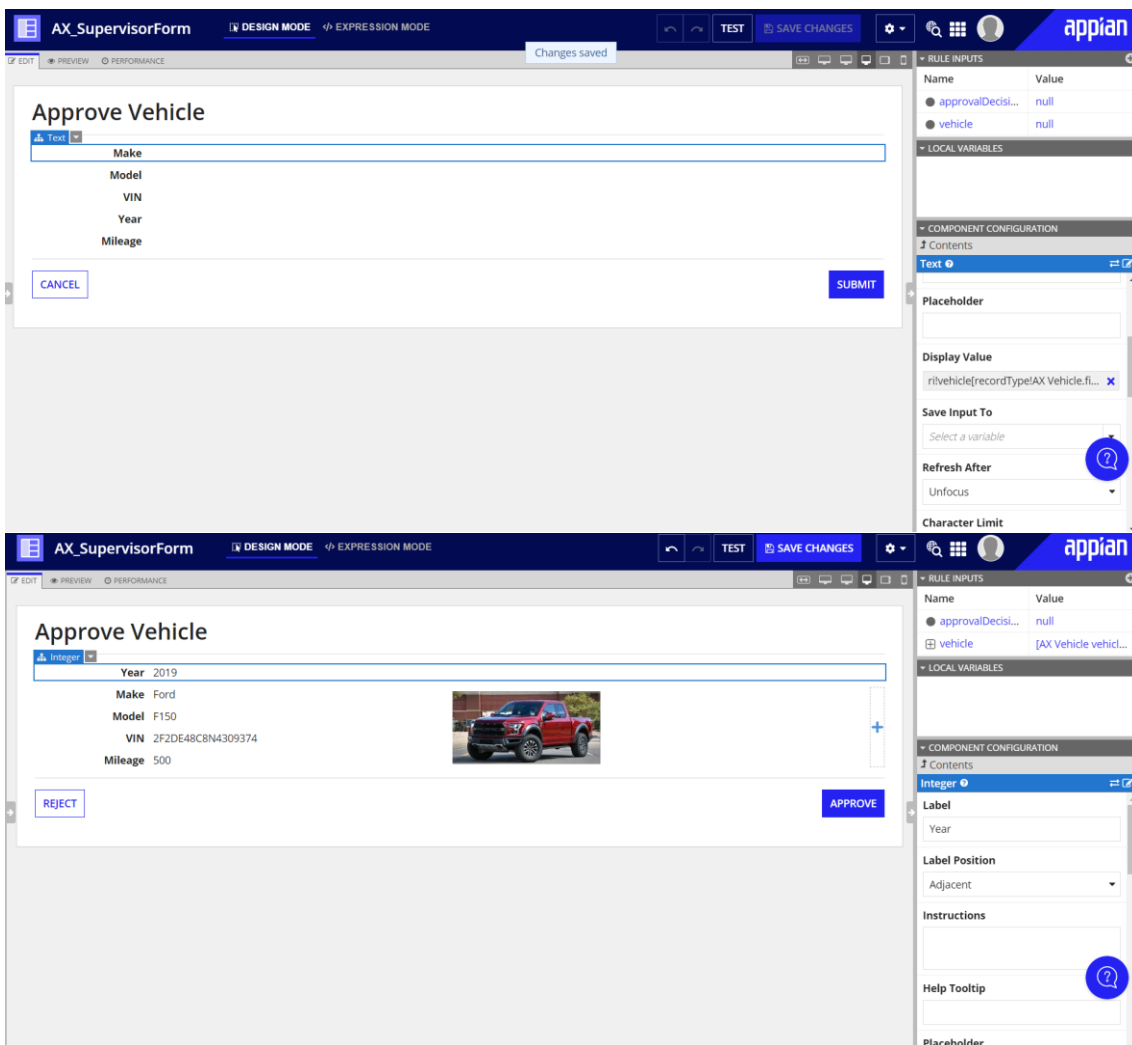CANCEL   DELETE   OK

Edit Rule Input

Name *

vehicle

Type *

▥ AX Vehicle ✕

☐ Array (multiple values)

CANCEL   DELETE   OK

Edit the Add Vehicle Process Model

File Edit View Tools Lanes

ANALYST VIEW | DESIGNER VIEW

AX New Vehicle v1.0

Search

Suggested
- Script Task
- Call Integration
- User Input Task

Workflow
- Human Tasks
- Activities
- Events
- Gateways

Automation Smart Services
- Data Services
- Integration & APIs
- Robotic Processes
- Business Rules
- Analytics
- Communication
- Document Generation
- Document Management
- Identity Management
- Process Management
- Test Management
- Social

System

Start Node

Forms

Process Model Properties » AX New Vehicle ✕

General | Variables | Process Start Form | Deadlines | Alerts | Data Management

Process Variables

➕ Add Variable

Name	Type	Value	Parameter?	Required?	Multiple?	Hidden?	
approvalDecision	Boolean	(No Value)	No	N/A	No	No	✕
cancel	Boolean	(No Value)	Yes	No	No	No	✕
vehicle	AX_Vehicle	(No Value)	Yes	No	No	No	✕

CANCEL   OK

Process Model Properties » AX New Vehicle ✕

General | Variables | Process Start Form | Deadlines | Alerts | Data Management

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Edit Process Variable ✕

Name approvalDecision

Type Boolean   ☰

Value
- ○ True
- ○ False
- ○ [   ] ✎

Parameter ☐ Allow the value for the variable to be provided when starting a process

Required ☐ Value is required in order to start a process

Multiple ☐ Variable can store multiple values

Hidden ☐ Variable is hidden from parent processes, reports and process history

CANCEL   OK

✕
✕
✕

CANCEL   OK

AX_CreateVehicleDisplayName

```
1  "New Vehicle" & if(ri!cancel, " (Cancelled)", ": " & ri!vehicle.vehicle
```

ri!vehicle

Type: AX_Vehicle

Changes saved

Ad Hoc Test   Test Cases (0)

Test Inputs

Rule Input Name	Expression	Value
cancel (Boolean)	1	○ True ○ False
vehicle (AX_Vehicle)	1	null (AX_Vehicle)

Save as Test Case   **TEST RULE**

RULE INPUTS

Name	Type	Array			
cancel	Boolean ✕	☐	↑	↓	✕
vehicle	AX_Ve... ✕	☐	↑	↓	✕

Open the Learning Center
to select a tutorial or video

Appian Process Modeler

File   Edit   View   Tools   Lanes

ANALYST VIEW   DESIGNER VIEW

AX New Vehicle v1.0

Search

Suggested
- Script Task
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Automation Smart Services
- Data Services
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- Test Management
- Social

System

Start Node

Process Model Properties » AX New Vehicle

Expression Editor

```
1  =rule!AX_CreateVehicleDisplayName(cancel: pv!cancel, vehicle: pv!vehicle)
```

Place cursor on function, rule, or constant to display help

CANCEL   **SAVE AND CLOSE**

CANCEL   OK

⚠ Forms

Process Model Properties » AX New Vehicle   ✕

| General | Variables | **Process Start Form** | Deadlines | Alerts | Data Management |

Swedish   Arabic   Greek   Korean

☑ Enable this language

Interface

"AX_AddVehicle"   ☰   Clear

EDIT INTERFACE

> The following rule inputs have been added and automatically mapped for your convenience:
>
> • vehicle (*AX_Vehicle*)
>
> **Note: New mappings will take effect once you press OK**

Specify the data to pass between the process and interface   🔄 Refresh

Rule Input	Type	Multiple?	Value	
vehicle	AX_Vehicle	No	vehicle ▾	☑ ➕
cancel	Boolean	No	cancel ▾	☑ ➕

CANCEL   **OK**

Process Model Properties » AX New Vehicle   ✕

| General | Variables | Process Start Form | Deadlines | **Alerts** | Data Management |

Alert Recipients   ⓘ Who will be notified of errors in this process?

○ Use system defaults for error alerts.
◉ Use custom error alert settings.
    ☐ Send alerts to the process initiator.
    ☐ Send alerts to the process model owner.
    ☐ Send alerts to the recipients defined by this expression: [＿＿＿＿] ✎
    ☑ Send alerts to the following users & groups: "AX Administrators"; ☰

CANCEL   **OK**

Process Model Properties » AX New Vehicle ✖

General Variables Process Start Form Deadlines Alerts **Data Management**

Automatic Process Clean-Up ⓘ Selected configuration will apply to all versions of this process model

○ Use system default (currently: auto-archive processes 7 days after completion or cancellation)
◉ Archive processes [3] days after completion or cancellation (0-999 days)
○ Delete processes [7] days after completion or cancellation (0-999 days)
○ Do not automatically clean-up processes

CANCEL OK

Configure the Cancel XOR Gateway

Configure the Write to Vehicle Entity

Configure Cancel? ✖

General | **Decision**

Flows

⇥ **Incoming Path(s):** 1 or more paths can enter an XOR gateway
⇤ **Outgoing Paths:** 1 or more paths can exit an XOR gateway, but only ONE gets executed

Conditions

	Condition		Result	Path Label	Order
✖	If `=pv!cancel` 📝 is True		go to `End - Cancel ▼`	`Yes`	
	Else if no rules are TRUE		go to `Write to Vehicle Entity ▼`		

NEW CONDITION

CANCEL   **OK**

Configure Write to Vehicle Entity ✖

General | **Data** | Forms | Scheduling | Assignment | Escalations | Exceptions | Other

Inputs | Outputs

Node Inputs   ℹ️ Map the value(s) for the inputs of the node

➕ New Input   ✖ Delete Input
Data Store Entity * (Data Store Entity)
⊞ **vehicle** (AX_Vehicle)

Field Properties

Name	`vehicle`
Type	`AX_Vehicle` ☰
Multiple	☐
Value	`=pv!vehicle` ▼ 📝
Required	☐
Save into	` ` ▼ ➕

CANCEL   **OK**

Configure Write to Vehicle Entity ✖

| General | Data | Forms | Scheduling | Assignment | Escalations | Exceptions | Other |

Assignment

☑ Override lane assignment for this node

○ 👥 **This node will be assigned as a task to a person or a group of people**

◉ ⚙ **This node will run as an automated activity. It will not be assigned to anyone as a task**

　　○ Run as whoever started the process
　　◉ Run as whoever designed this process model

Options

☐ When executing more than once, there should be one-to-one assignment of task instances to assignees
☐ Notify task assignees of new task via email and mobile push notification if applicable

CANCEL　　　　　　　　　　　　　　　　　　　　　　　　　　OK

Test the Process
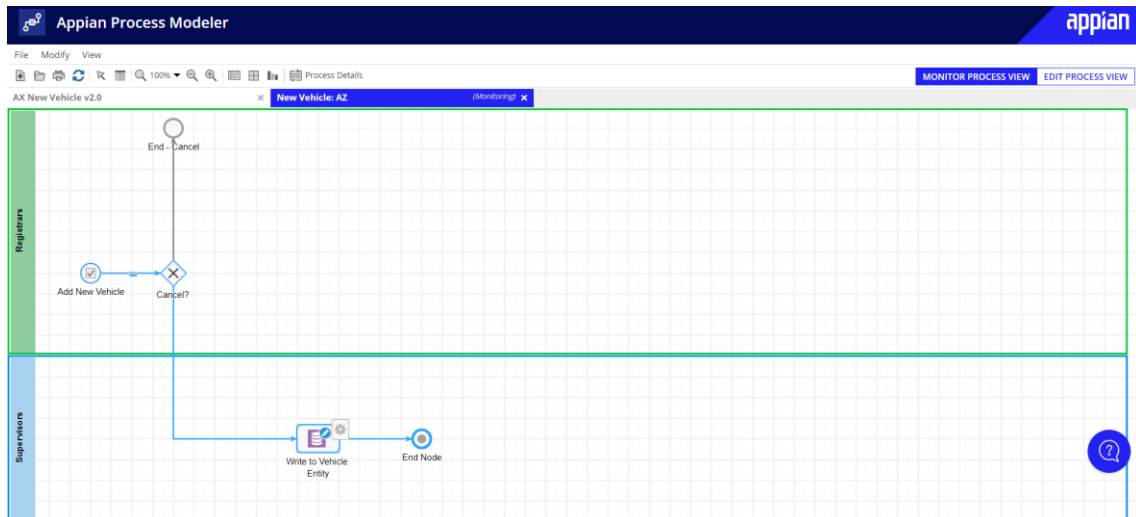
Process Details » AX New Vehicle ✖

| Process History | Variables | Process Nodes | Current Tasks | Errors | Sub-Processes | Quick Tasks |

Show **[25]** 100

Name	Type	Multiple	Value
approvalDecision	Boolean	No	(No value) — Edit
cancel	Boolean	No	(No value) — Edit
vehicle	AX_Vehicle	No	[vehicleId=, vehicleMake=AZ, vehicleModel=Truck, vehicleColor=Red, vehicleCondition=10, vehicleStatus=7, vehicleCategory=6, vehicleMileage=120, vehicleYear=, vehicleVin=2A41548756512, vehicleLastMaintenanceDate=7/27/2022, vehicleNextMaintenanceDate=8/10/2022, vehicleImage=4829, vehicleAddedBy=, vehicleDateAdded=8/2/2022, vehicleLastModifiedBy=, vehicleLastModifiedDate=]

Configure Cancel? ✖

General   **Decision**

Flows

    ➙ **Incoming Path(s):** 1 or more paths can enter an XOR gateway
    ➙ **Outgoing Paths:** 1 or more paths can exit an XOR gateway, but only ONE gets executed

Conditions

	Condition		Result	Path Label	Order
✖	If `=pv!cancel` 📝 is True		go to `End - Cancel ▾`	`Yes`	
	Else if no rules are TRUE		go to `Review Vehicle ▾`		

NEW CONDITION

CANCEL   **OK**

Configure Review Vehicle ✖

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Eng

Fre

Aral

Expression Editor ✖

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```
1 /!vehicle.vehicleYear & " " & pv!vehicle.vehicleMake & " " & pv!vehicle.vehicleModel
```

◄   ►

pv!vehicle

Type: AX_Vehicle

CANCEL   **SAVE AND CLOSE**

CANCEL   **OK**

Configure Review Vehicle ✕

General | Data | **Forms** | Scheduling | Assignment | Escalations | Exceptions | Other

French (FR)   German   Italian   Japanese   Polish   Portuguese   Russian   Spanish   Swedish

Arabic   Greek   Korean

☑ Enable this language

Interface

"AX_SupervisorForm"   ☰   Clear

EDIT INTERFACE

> **Unable to create one or more variables**
> - vehicle (AX Vehicle is not supported)

Specify the data to pass between the process and interface   ↻ Refresh

Rule Input	Type	Multiple?	Value		
approvalDecision	Boolean	No	approvalDecision ▾	✎	✚
vehicle	AX Vehicle	No	- Select a value or enter an expression - ▾	✎	✚

☑ Allow users to save a draft of in-progress tasks

CANCEL   **OK**

Configure Review Vehicle ✕

General | Data | Forms | Scheduling | **Assignment** | Escalations | Exceptions | Other

Assignment

☑ Override lane assignment for this node

🔘 👥 **This node will be assigned as a task to a person or a group of people**

    Assign to the following: "AX Supervisors";   ☰ ✎

    Set re-assignment privileges for assignees

⚪ ⚙ **This node will run as an automated activity. It will not be assigned to anyone as a task**

Options

☐ When executing more than once, there should be one-to-one assignment of task instances to assignees
☑ Notify task assignees of new task via email and mobile push notification if applicable

CANCEL   **OK**

Configure Review Vehicle ✖

| General | Data | **Forms** | Scheduling | Assignment | Escalations | Exceptions | Other |

English (US)	Spanish (MX)	French (CA)	English (GB)	Chinese (CN)	Chinese (HK)	Dutch
French (FR)	German	Italian	Japanese	Polish	Portuguese	Russian	Spanish	Swedish
Arabic	Greek	Korean

☑ Enable this language

Interface

`"AX_SupervisorForm"` ☰ Clear

EDIT INTERFACE

Specify the data to pass between the process and interface   ↻ Refresh

Rule Input	Type	Multiple?	Value		
approvalDecision	Boolean	No	approvalDecision ⌄	☑	✚
vehicle	AX_Vehicle	No	vehicle ⌄	☑	✚

☑ Allow users to save a draft of in-progress tasks

☐ Capture location on submission (only supported in Appian Mobile)
Access the location as an Output Result in the "Data" tab

CANCEL   **OK**

Configure Review Vehicle ✖

| General | **Data** | Forms | Scheduling | Assignment | Escalations | Exceptions | Other |

| **Inputs** | Outputs |

Node Inputs   ⓘ Map the value(s) for the inputs of the node

✚ New Input ✖ Delete Input	**Field Properties**	
approvalDecision (Boolean)	Name	vehicle
⊟ **vehicle** (AX_Vehicle)	Type	AX_Vehicle ☰
vehicleId (Number (Integer))	Multiple	☐
vehicleMake (Text)	Value	=pv!vehicle ⌄ ☑
vehicleModel (Text)	Required	☐
vehicleColor (Text)	Save into	⌄ ⊕
vehicleCondition (Number (Integer))		
vehicleStatus (Number (Integer))		
vehicleCategory (Number (Integer))		
vehicleMileage (Number (Integer))		
vehicleYear (Number (Integer))		
vehicleVin (Text)		
vehicleLastMaintenanceDate (Date)		

CANCEL   **OK**

Approve Vehicle

Year	
Make	ASD
Model	ASD
VIN	
Mileage	

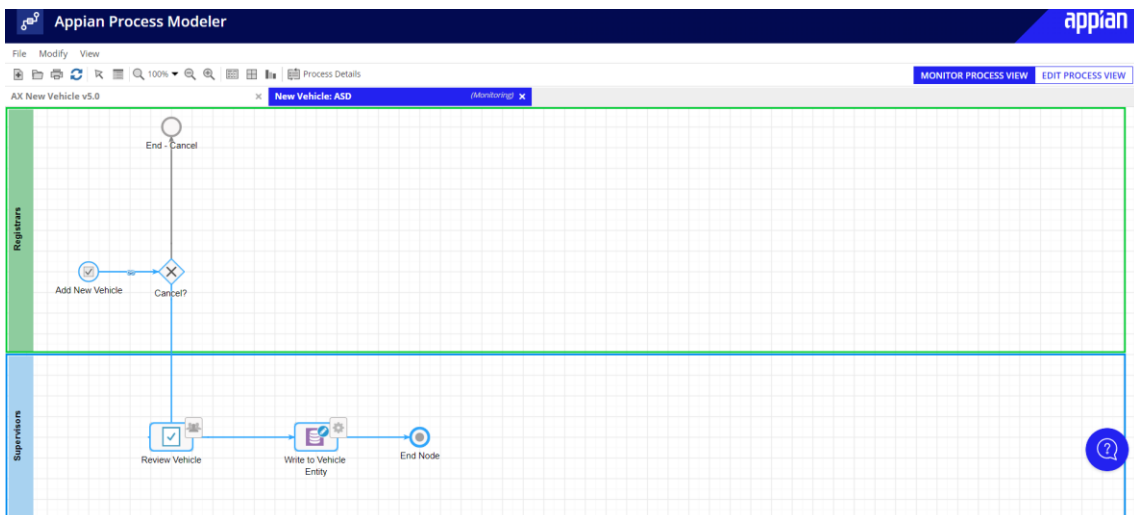REJECT　　　　　　　　　　　　　　　　　　　　　　APPROVE

Configure the Approved? XOR Gateway

Configure Approved?   ✖

General   **Decision**

Flows

➜ **Incoming Path(s):** 1 or more paths can enter an XOR gateway
↦ **Outgoing Paths:** 1 or more paths can exit an XOR gateway, but only ONE gets executed

Conditions

	Condition	Result	Path Label	Order
✖	If `=pv!approvalDecision` 🖉 is True	go to `Write to Vehicle Entity ▾`		
	Else if no rules are TRUE	go to `End - Reject ▾`		

NEW CONDITION

CANCEL   **OK**

Configure the Script Task

Configure Store Additional Values   ✖

General   Data   Forms   Scheduling   Assignment   Exceptions   Other

Node Properties

English (US)   Spanish (MX)   French (CA)   English (GB)   Chinese (CN)   Chinese (HK)   Dutch

French (FR)   German   Italian   Japanese   Polish   Portuguese   Russian   Spanish   Swedish

Arabic   Greek   Korean

Name   `Store Additional Values`

Description   [   ]

Task Display Name   `Store Additional Values` 🖉
The name of the task as it appears in an assignee's task list

CANCEL   **OK**

Configure Store Additional Values ✖

General | **Data** | Forms | Scheduling | Assignment | Exceptions | Other

Inputs | **Outputs**

Node Outputs ⓘ Save node data to Process Variables for use elsewhere in the Process

➕ New Custom Output ✖ Delete Custom Output

▼ **Results**
⌐...There are no results to configure

▼ **Custom Outputs**
└─ today()

Expression Properties

Expression | today()

Operator | is stored as

Target | vehicle.vehicleLastModifiedDat ▼ ➕

CANCEL | OK

Configure Store Additional Values ✖

General | **Data** | Forms | Scheduling | Assignment | Exceptions | Other

Inputs | **Outputs**

Node Outputs ⓘ Save node data to Process Variables for use elsewhere in the Process

➕ New Custom Output ✖ Delete Custom Output

▼ **Results**
⌐...There are no results to configure

▼ **Custom Outputs**
├─ today()
└─ pp!initiator

Expression Properties

Expression | pp!initiator

Operator | is stored as

Target | vehicle.vehicleLastModifiedBy ▼ ➕

CANCEL | OK

Configure Store Additional Values ✖

General · **Data** · Forms · Scheduling · Assignment · Exceptions · Other

Inputs · Outputs

Node Outputs
ⓘ Save node data to Process Variables for use elsewhere in the Process

➕ New Custom Output ✖ Delete Custom Output

▼ Results
⌐...There are no results to configure

▼ Custom Outputs
⌐ today()
⌐ pp!initiator
⌐ pp!initiator

Expression Properties

Expression	pp!initiator
Operator	is stored as
Target	vehicle.vehicleAddedBy ▼ ➕

CANCEL   OK

Appian Process Modeler   appian

File   Modify   View

100%   Process Details   MONITOR PROCESS VIEW   EDIT PROCESS VIEW

AX New Vehicle v8.0   **New Vehicle: QWE**   (Monitoring) ✖

Registrars

End - Cancel

Add New Vehicle → Cancel?

Supervisors

End - Reject

Review Vehicle → Approved? → Store Additional Values → Write to Vehicle Entity → End Node

Appian Process Modeler

File Modify View

MONITOR PROCESS VIEW   EDIT PROCESS VIEW

AX New Vehicle v8.0   New Vehicle: (Monitoring)

Registrars

End - Cancel

Add New Vehicle   Cancel?

Supervisors

End - Reject

Review Vehicle   Approved?   Store Additional Values   Write to Vehicle Entity   End Node

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Appian Process Modeler

File Edit View Tools Lanes

ANALYST VIEW   DESIGNER VIEW

AX New Vehicle v9.0

Search

Suggested
- Write to Multiple Data Store
- User Input Task
- Send E-Mail

Workflow
- Human Tasks
- Activities
- Events
  - End Event
  - Receive Message
  - Rule
  - Send Message
  - Start Event
  - Timer
- Gateways
  - AND
  - Complex
  - OR
  - XOR

Automation Smart Services

Registrars

End - Cancel

Yes

Add New Vehicle   Cancel?

Supervisors

No

End - Reject

No

Review Vehicle   Approved?   Yes   Store Additional Values   Write to Vehicle Entity   End Node

Process Model   The process model has been published.