

Pega 25.1 Constellation Features


Presented By-Ganesh Patil

Six New Themes and live theme options with case

APP STUDIO Application : Ericsson

Compliance method
☒ Default privacy message ☐ None

Theme options


Logo
 Use application logo

☒ Display application header


Channel header
 Application name

☐ Use alternate design system

Theme
 Aries (2023)
 Pegasus (2022)
 Pegasus (2022) - Dark
Aries (2023)
 Aries (2023) - Dark
 Self-Service


 Primary Secondary
 Label Select
 Label Fred Smith [Open](#)

APP STUDIO Application : Policy Inquiry

 Use application logo

Logo alt text

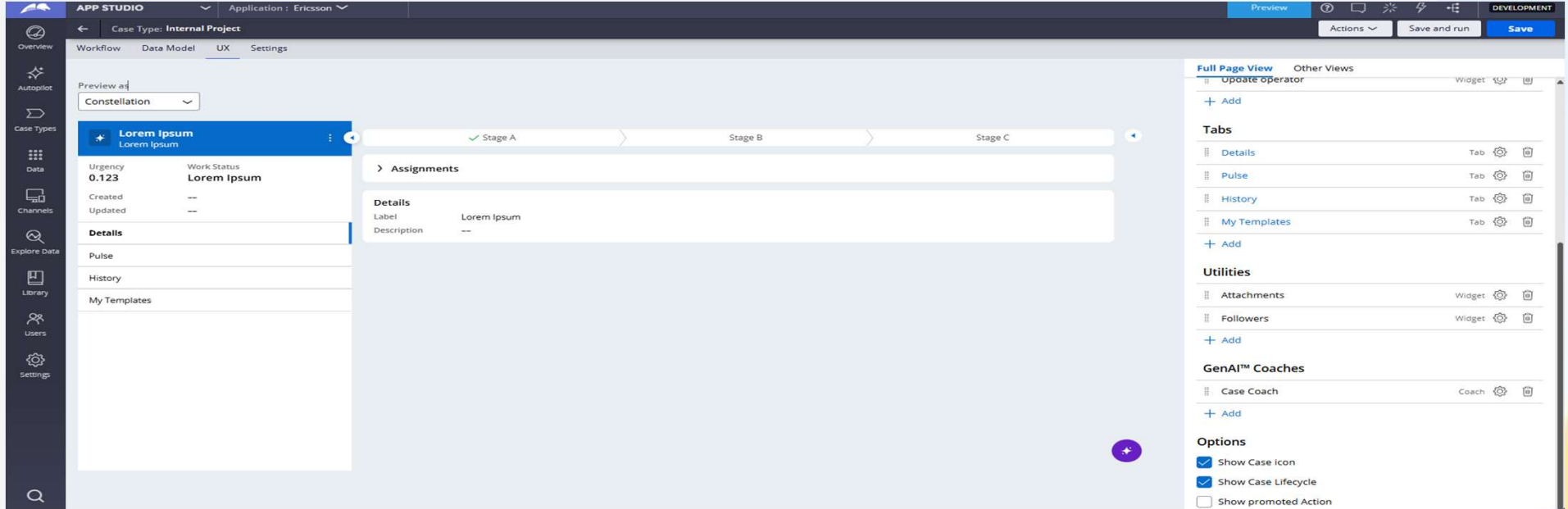
☒ Display application header

Channel header
 Application name

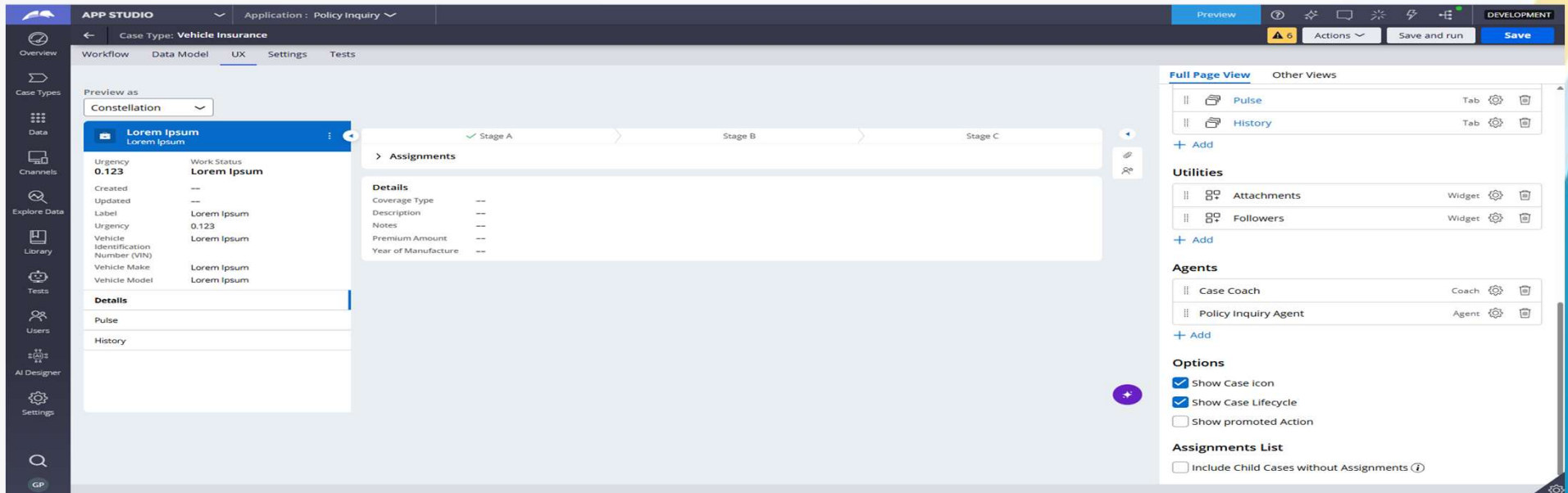
☐ Use alternate design system

Theme
 Aries (2023)
 Pegasus (2022)
 Pegasus (2022) - Dark
Aries (2023)
 Aries (2023) - Dark
 Self-Service
 Bootes (2025)
 Bootes Dark (2025)
 Andromeda (2025) - Dark
 Cygnus (2025)
 Dorado (2025)
 Equuleus (2025) - Dark
 Policy Inquiry

Casetype Full Page View




The screenshot shows the APP STUDIO interface for the 'Internal Project' case type. The top bar includes 'Preview', 'Actions', 'Save and run', and 'Save' buttons. The left sidebar contains navigation icons for Overview, Autopilot, Case Types, Data, Channels, Explore Data, Library, Users, and Settings. The main workspace displays a workflow with three stages: Stage A, Stage B, and Stage C. A 'Constellation' dropdown is visible. The 'Details' panel on the left shows fields for Urgency (0.123), Work Status (Lorem Ipsum), Created, Updated, and a Details section with Pulse, History, and My Templates. The 'Assignments' panel shows a table with Label and Description. The right sidebar contains a 'Full Page View' tab, a 'Update operator' button, and sections for Tabs (Details, Pulse, History, My Templates), Utilities (Attachments, Followers), GenAI™ Coaches (Case Coach), and Options (Show Case Icon, Show Case Lifecycle, Show promoted Action).



The screenshot shows the APP STUDIO interface for the 'Vehicle Insurance' case type. The top bar includes 'Preview', 'Actions', 'Save and run', and 'Save' buttons. The left sidebar contains navigation icons for Overview, Case Types, Data, Channels, Explore Data, Library, Tests, Users, AI Designer, and Settings. The main workspace displays a workflow with three stages: Stage A, Stage B, and Stage C. A 'Constellation' dropdown is visible. The 'Details' panel on the left shows fields for Urgency (0.123), Work Status (Lorem Ipsum), Created, Updated, Label, Urgency, Vehicle Identification Number (VIN), Vehicle Make, and Vehicle Model. The 'Assignments' panel shows a table with Coverage Type, Description, Notes, Premium Amount, and Year of Manufacture. The right sidebar contains a 'Full Page View' tab, a 'Pulse' button, a 'History' button, and sections for Utilities (Attachments, Followers), Agents (Case Coach, Policy Inquiry Agent), Options (Show Case Icon, Show Case Lifecycle, Show promoted Action), and an 'Assignments List' section with an option to 'Include Child Cases without Assignments'.

Case Coach

 Vehicle Insurance
V-8

Urgency
10

Created
Ganesh Patil 6 minutes ago

Updated
Ganesh Patil 5 minutes ago

Label
Vehicle Insurance

Urgency
10

Vehicle Identification Number (VIN)
1HGCM82633A123456

Vehicle Make
Toyota

Vehicle Model
Toyota Corolla

Details

Pulse

History


Information Gathering

Insurance Plan Selection

Policy Issuance

Policy Modifications

Case Closure

 Display Insurance Plans
Assigned to Ganesh Patil • In V-8 • Urgency 10

Coverage Type
Comprehensive


Vehicle Make
Toyota

Vehicle Model
Toyota Corolla

Cancel

Fill form

Pulse

 Post

Case Coach

Case Coach

High-Level Summary of Case MYORG-POLICYIN-WORK V-8

On September 29, 2025, Ganesh Patil initiated the case by creating an item related to vehicle insurance for a Toyota Corolla with VIN 1HGCM82633A123456. The case status was marked as **New**. Shortly after, Ganesh was assigned to complete several tasks. The first task involved entering vehicle information, which he completed at 07:59:08 AM. Following this, he was assigned another task to gather customer details, which he completed at 07:59:38 AM.

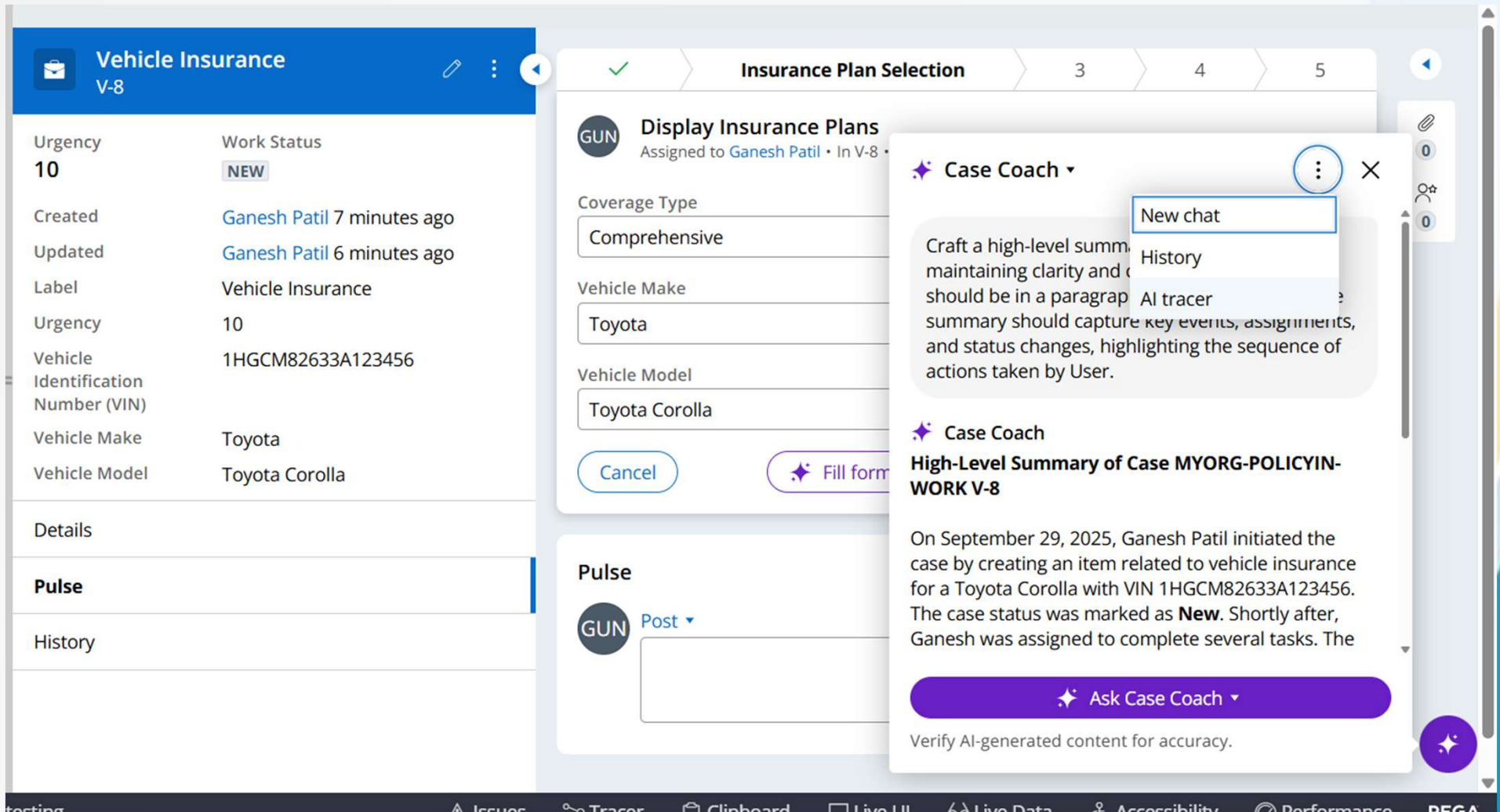
Subsequently, the case transitioned automatically from the **Information Gathering** stage to the **Insurance Plan Selection** stage, reflecting progress in the workflow. Throughout these actions, Ganesh maintained a high urgency level for the case, indicated by a score of **10**.

This summary captures the key events, assignments, and status changes in a chronological order, highlighting the sequence of actions taken by Ganesh Patil.

Ask Case Coach

Verify AI-generated content for accuracy.

AI Tracer

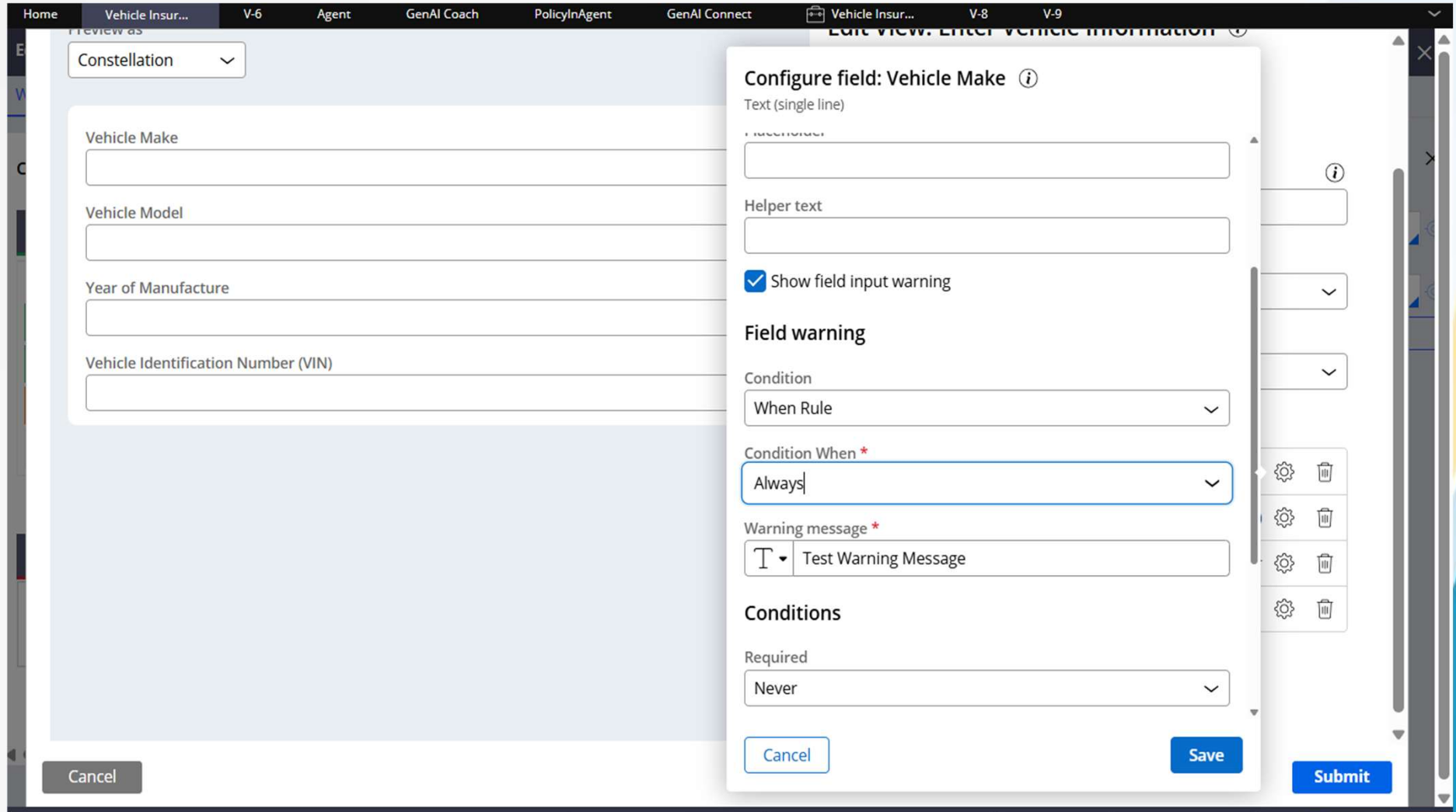


The screenshot displays the 'AI Tracer' interface, which is used for tracking and analyzing system events. The interface is divided into several sections:

- Vehicle Insurance V-8:** A sidebar on the left containing details about the insurance case, including Urgency (10), Work Status (NEW), Created (Ganesh Patil 7 minutes ago), Updated (Ganesh Patil 6 minutes ago), Label (Vehicle Insurance), and Vehicle Identification Number (VIN) (1HGCM82633A123456).
- Insurance Plan Selection:** A central panel showing the selected insurance plan (Comprehensive) and vehicle details (Toyota Corolla).
- Case Coach:** A panel on the right providing a high-level summary of the case, titled 'High-Level Summary of Case MYORG-POLICYIN-WORK V-8'. The summary describes the case initiation by Ganesh Patil on September 29, 2025, and the assignment of tasks.
- Pulse:** A section at the bottom of the central panel showing a 'Post' by GUN.

The 'Case Coach' panel includes a 'New chat' button and a 'History' button. A 'Verify AI-generated content for accuracy' button is located at the bottom of the panel.

Field Warning



The screenshot displays a web application interface with a top navigation bar containing links: Home, Vehicle Insur..., V-6, Agent, GenAI Coach, PolicyInAgent, GenAI Connect, Vehicle Insur..., V-8, and V-9. The main content area is titled 'Preview as' and shows a form for 'Vehicle Information' with fields for 'Vehicle Make', 'Vehicle Model', 'Year of Manufacture', and 'Vehicle Identification Number (VIN)'. A 'Constellation' dropdown is at the top left. A modal dialog titled 'Configure field: Vehicle Make' is open, showing configuration options for the 'Vehicle Make' field. The dialog includes a 'Text (single line)' input, a 'Helper text' input, a checked 'Show field input warning' checkbox, a 'Field warning' section with a 'Condition' dropdown set to 'When Rule' and a 'Condition When' dropdown set to 'Always', a 'Warning message' section with a text input containing 'Test Warning Message', and a 'Conditions' section with a 'Required' dropdown set to 'Never'. The dialog has 'Cancel', 'Save', and 'Submit' buttons at the bottom.

Home Vehicle Insur... V-6 Agent GenAI Coach PolicyInAgent GenAI Connect Vehicle Insur... V-8 V-9

Preview as

Constellation

Vehicle Make

Vehicle Model

Year of Manufacture

Vehicle Identification Number (VIN)

Cancel

Configure field: Vehicle Make ⓘ

Text (single line)

Helper text

☒ Show field input warning

Field warning

Condition

When Rule

Condition When *

Always

Warning message *

T Test Warning Message

Conditions

Required

Never

Cancel Save Submit

Test Field warning message

Home Vehicle Insur... V-6 Agent GenAI Coach PolicyInAgent GenAI Connect Vehicle Insur... V-8 V-9 V-10

Create Vehicle Insurance (V-10)

Enter Vehicle Information

Vehicle Make

Test Warning Message

Vehicle Model

Year of Manufacture

Vehicle Identification Number (VIN)


Cancel Fill form with AI Next

Field group and Embedded Views will now have dynamic heading


New field group

☒ Show heading

Heading *



Static (Text)
The value that is entered here will not change.

☒


Source from Library
Set this value using a Rule.

Allowed field types

Any

Visibility

Always

Cancel Submit

Edit

Name *

Enter Vehicle Information

Layout

1 column


Instructions

Case step instructions

Fields

Configure View: Display Insurance Plans

Heading *



Testing View Heading Dynamically

☒ Show heading

Conditions

Visibility

Always

Cancel Save Submit


Dynamic Text

Dynamic Text: Testing View Heading Dynamically [Available]
CL: MyOrg-PolicyIn-Work-VehicleInsurance ▾ ID: TestingViewHeadingDynamically RS: PolicyIn [Branch: BP-1]

Default Settings History

☒ Use decisioning

If

When Rule *
isNew 

Return *
Test ABCD

Otherwise

Return *
Testing View Heading Dynamically

New Cards layout for Single/Multi Select pagelist

Preview as
Constellation

☐ OptionA

PolicyNumber --
PolicyHolderName --
PolicyCoverage --
PolicyType --
PolicyPremium --

☐ OptionB

PolicyNumber --
PolicyHolderName --
PolicyCoverage --
PolicyType --
PolicyPremium --

☐ OptionC

PolicyNumber --
PolicyHolderName --
PolicyCoverage --
PolicyType --
PolicyPremium --

☐ OptionD

PolicyNumber --
PolicyHolderName --
PolicyCoverage --
PolicyType --
PolicyPremium --

Back

Edit field: PolicyInquiryList
Data Reference (list of records): Policy Inquiry

Input settings

Mode
Multi-select

Display as
Cards

Data page
List Policy Inquiry

Display field
Policy Holder Name

Imagery
None

Fields
The first 5 fields are displayed

Policy Number
Text (single line)

Policy Holder Name
Text (single line)

Policy Coverage
Text (paragraph)

Policy Type
Picklist

Policy Premium
Currency

Submit

Vehicle Insurance
V-14

Urgency
10

Work Status
NEW

Created
Ganesh Patil Now

Updated
Ganesh Patil Now

Label
Vehicle Insurance

Urgency
10

Vehicle Identification Number (VIN)

Vehicle Make

☐ John Doe

Policy Number ABC123
Policy Holder Name John Doe
Policy Coverage Covers fire, theft, and liability up to \$500,000.
Policy Type Homeowner's
Policy Premium \$1,200.50

☒ Jane Smith

Policy Number XYZ456
Policy Holder Name Jane Smith
Policy Coverage Covers liability, collision, and comprehensive up to \$300,000.
Policy Type Auto
Policy Premium \$850.75

☐ Sarah Lee

Policy Number PQR012
Policy Holder Name Sarah Lee
Policy Coverage Covers personal property and liability up to \$100,000.
Policy Type Renters
Policy Premium \$300.00

☒ Michael Johnson

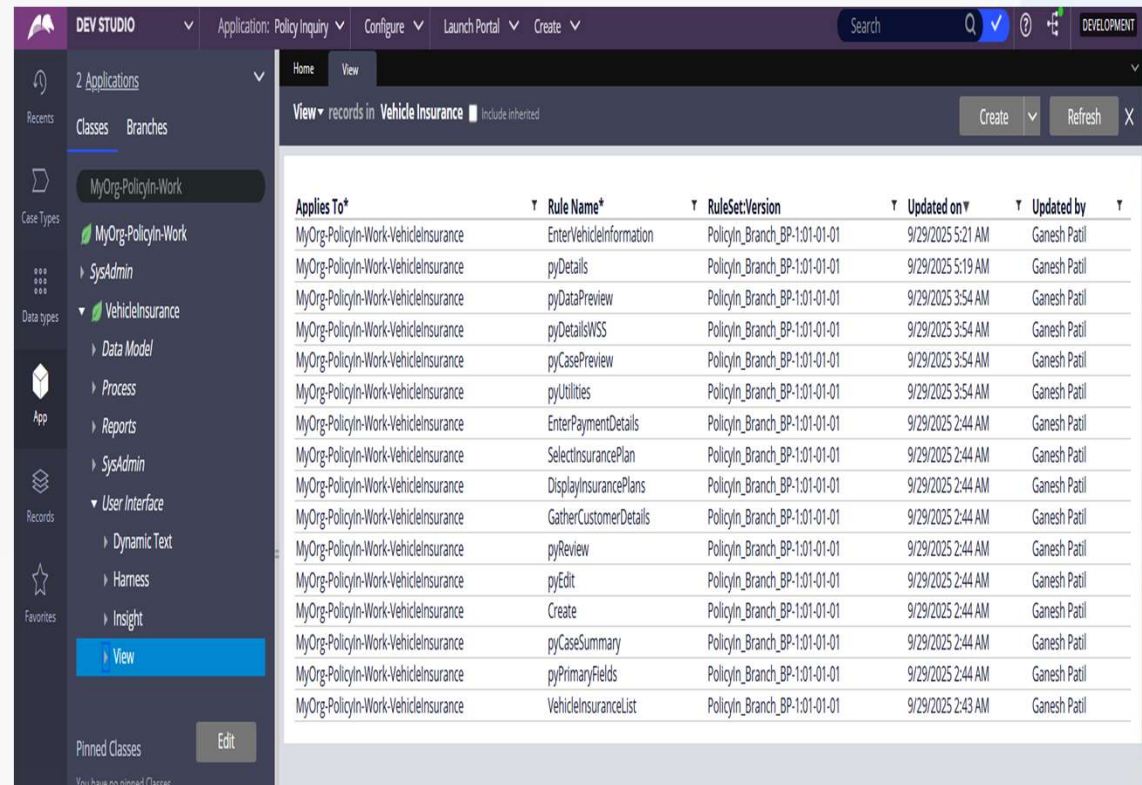
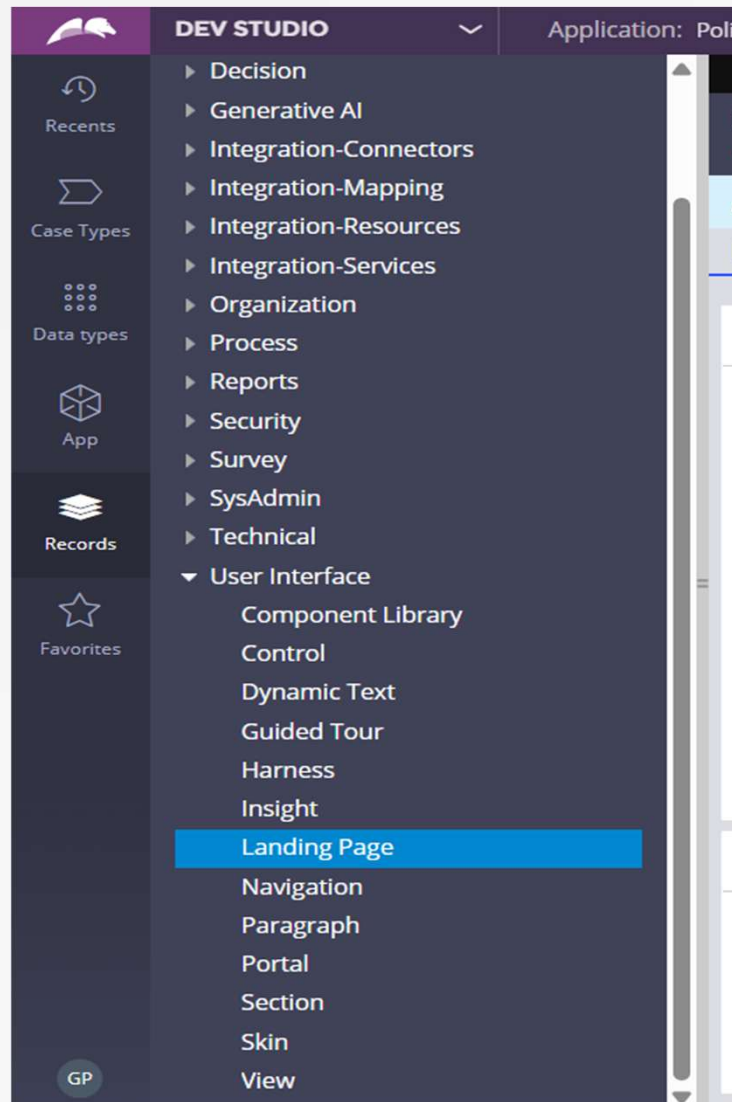
Policy Number LMN789
Policy Holder Name Michael Johnson
Policy Coverage Provides \$500,000 in coverage with a 20-year term.
Policy Type Life
Policy Premium \$75.25

Cancel

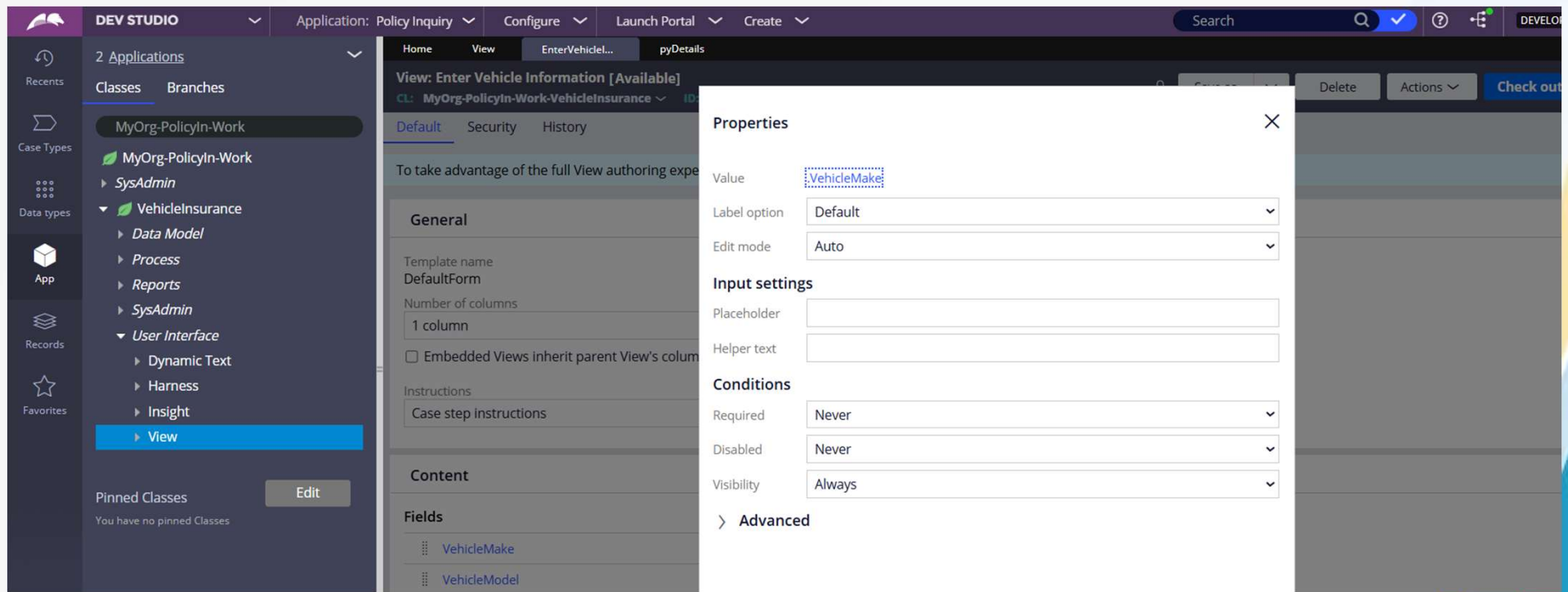
Fill form with AI

Next

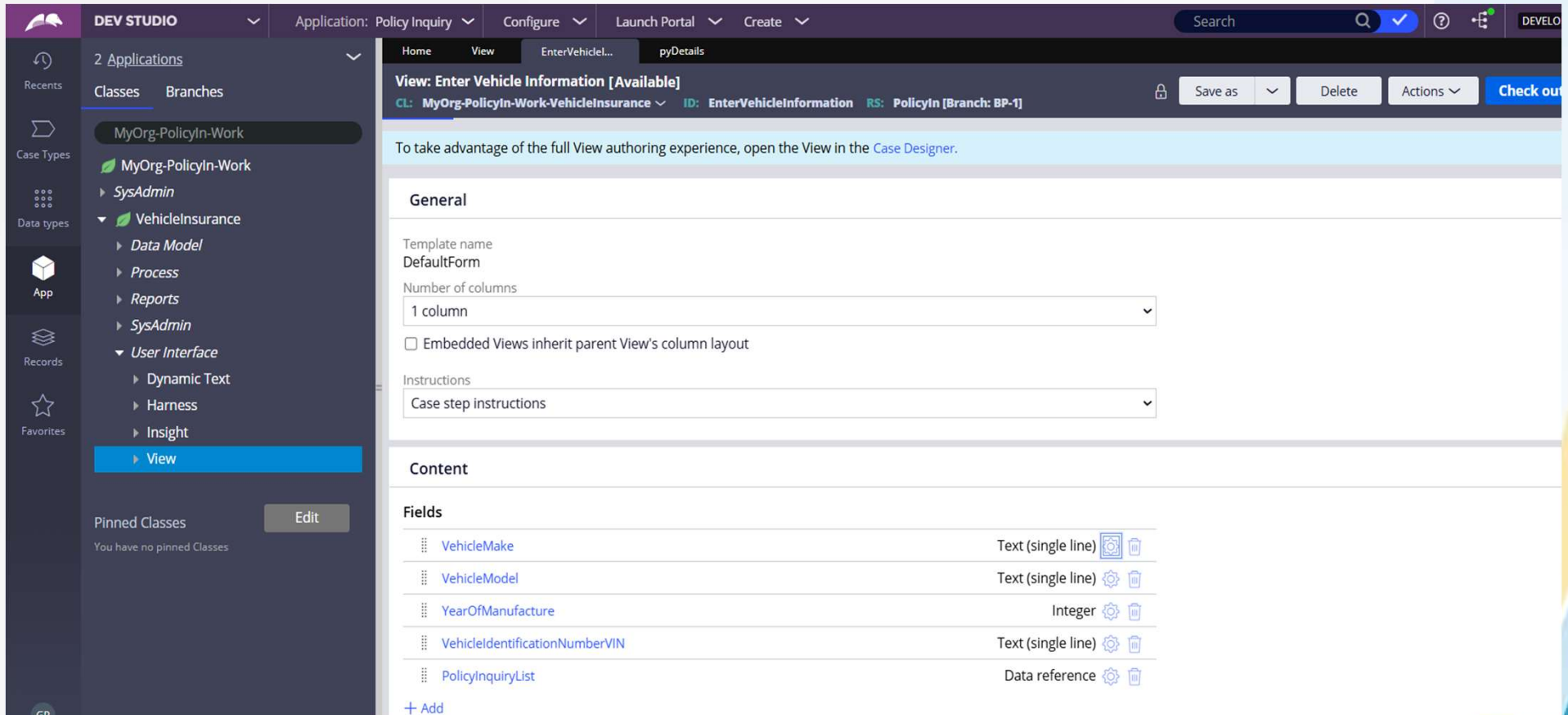
User Interface can now show views, dynamic texts, landing pages etc..



View Editing by using Dev Studio



Some type of Views can be updated from Dev Studio



The screenshot displays the DEV STUDIO application interface. The left sidebar shows a tree view of the project structure under '2 Applications'. The 'View' option is selected under the 'User Interface' folder. The main panel shows the configuration for the 'View: Enter Vehicle Information [Available]'. The configuration is divided into two sections: 'General' and 'Content'.

General Section:

- Template name: DefaultForm
- Number of columns: 1 column (dropdown menu)
- ☐ Embedded Views inherit parent View's column layout
- Instructions: Case step instructions (dropdown menu)

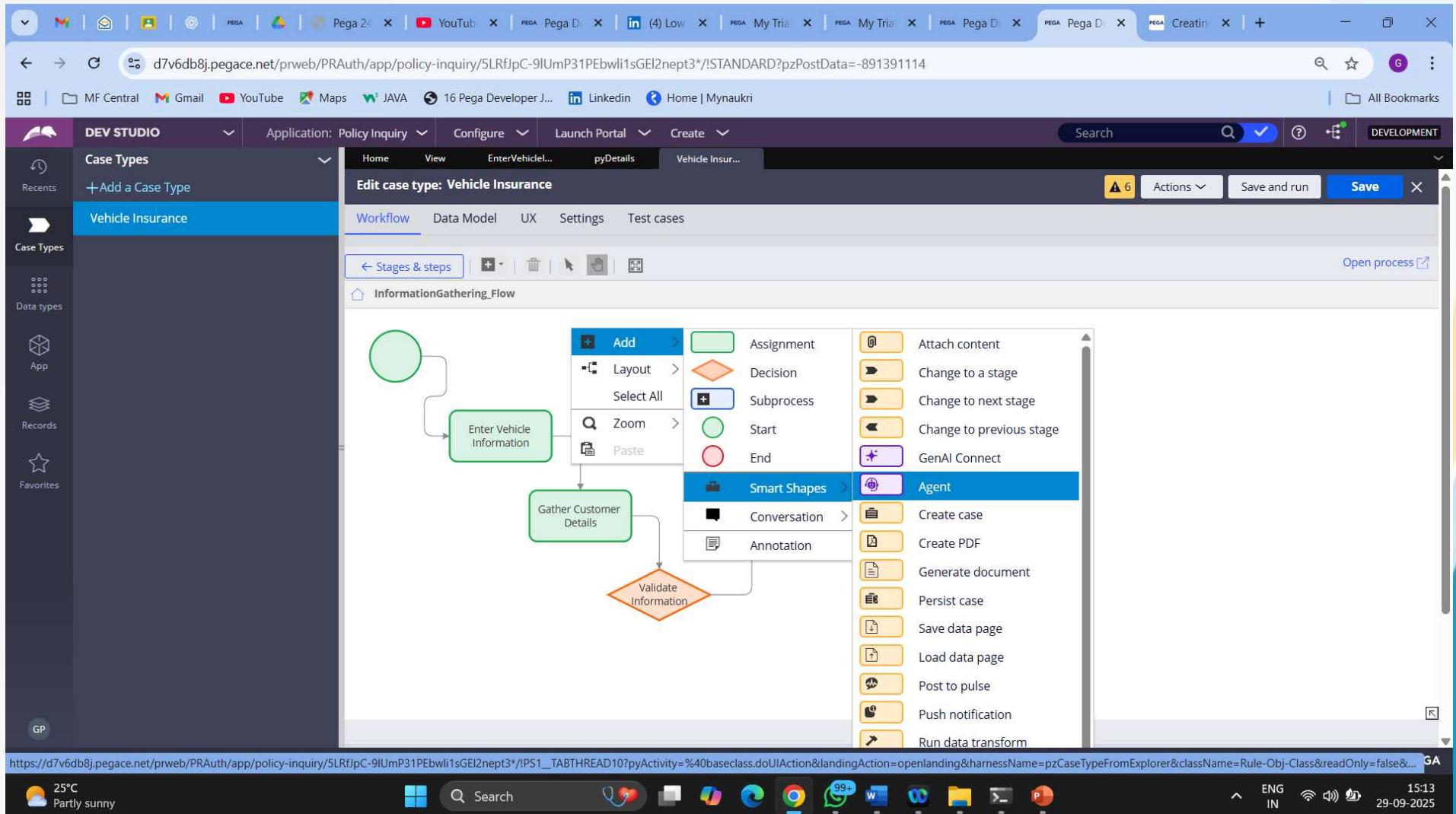
Content Section:

Fields

Field Name	Field Type	Icons
VehicleMake	Text (single line)	Settings, Delete
VehicleModel	Text (single line)	Settings, Delete
YearOfManufacture	Integer	Settings, Delete
VehicleIdentificationNumberVIN	Text (single line)	Settings, Delete
PolicyInquiryList	Data reference	Settings, Delete

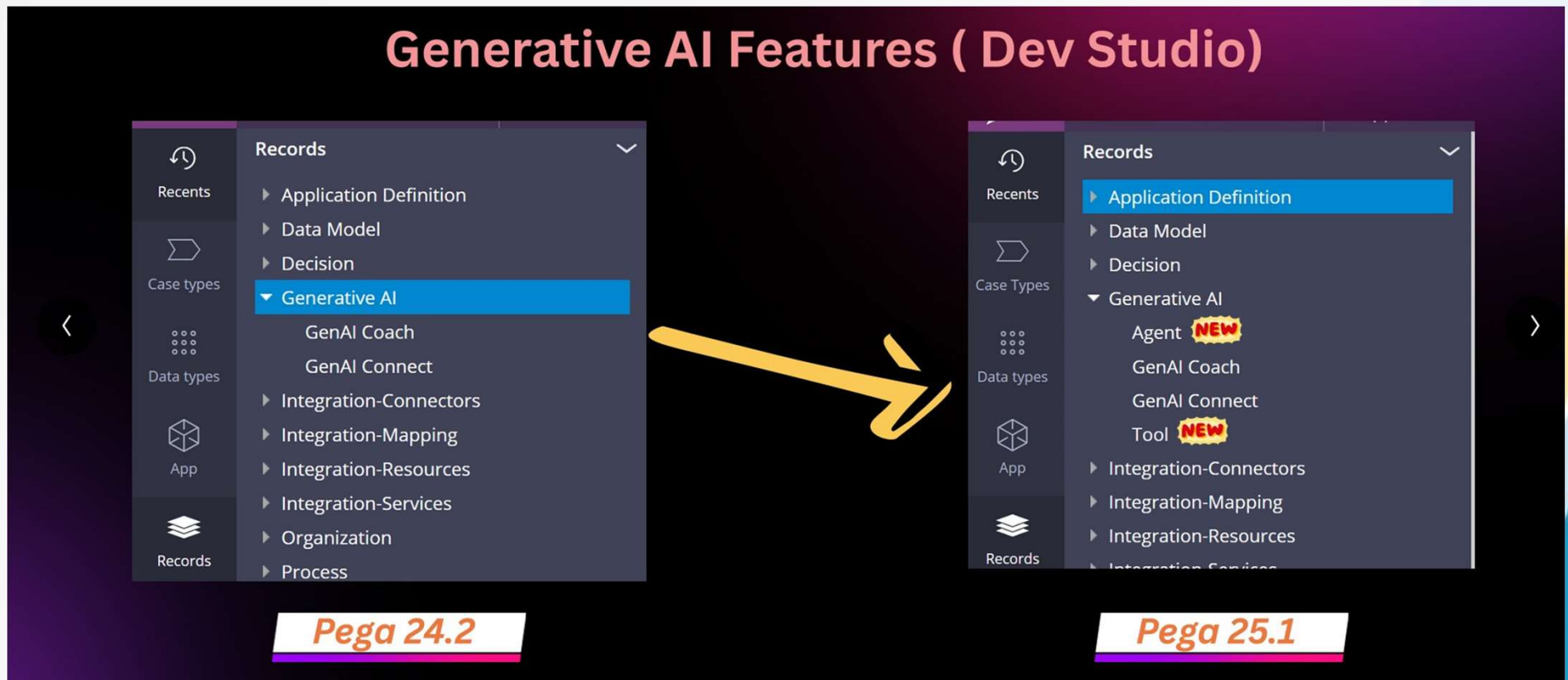
At the bottom of the 'Fields' list, there is a '+ Add' button.

New Agent Flow Shape



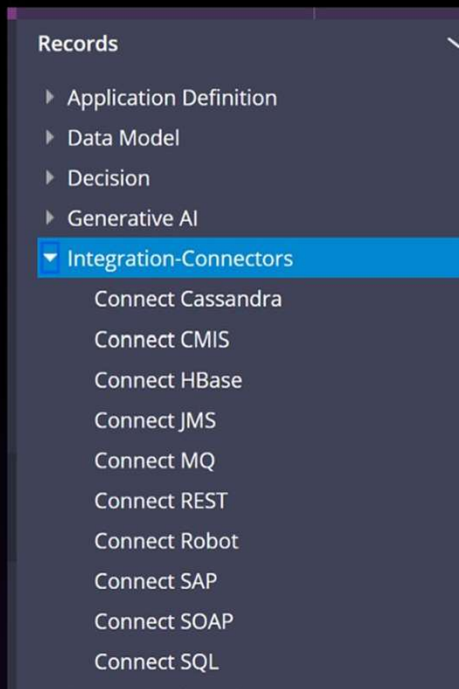
The screenshot displays the Pega DEV STUDIO interface for editing a case type named 'Vehicle Insurance'. The left sidebar shows the 'Case Types' list with 'Vehicle Insurance' selected. The main workspace shows the 'Workflow' tab for 'InformationGathering_Flow'. The workflow diagram includes a start node, a 'Enter Vehicle Information' stage, a 'Gather Customer Details' stage, and a 'Validate Information' decision stage. A right-hand menu is open, showing various actions. The 'Agent' action is highlighted under the 'Smart Shapes' category. The bottom status bar shows the system temperature as 25°C and the date as 29-09-2025.

Generative AI Feature(Dev Studio)

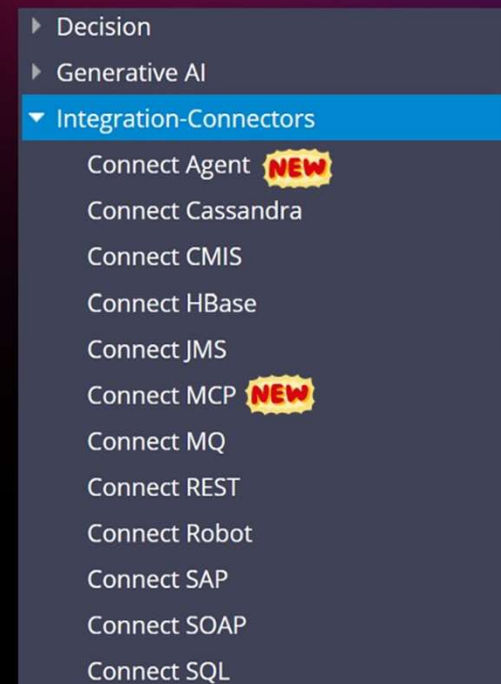
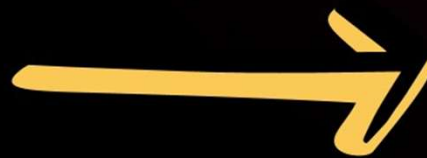


New Integration connectors

New Integration Connectors



Pega 24.2



Pega 25.1

App Studio Changes

The image illustrates the changes in the Pega App Studio interface between version 24.2 and 25.1. A large yellow arrow points from the older version on the left to the newer version on the right.

Pega 24.2 (Left): The interface shows the 'Overview' tab for 'Constellation UI'. It includes a sidebar with navigation options: Overview, Autopilot, Case Types, Data, Channels, Explore Data, Library, Users, and Settings. The main content area displays the application details, version (Pega Infinity '24.2.2'), and sections for Personas (Manage (1)), Channels (Manage (2)), Case Types (Manage), and Data Objects (Manage).

Pega 25.1 (Right): The interface shows the 'Overview' tab for 'Constellation UI'. It includes a sidebar with navigation options: Overview, Case Types, Data, Channels, Explore Data, Library, Tests, Users, AI Designer, and Settings. The main content area displays the application details, version (Pega Infinity '25'), and sections for Personas (Manage (1)), Case Types (Manage), and Data Objects (Manage). A red box highlights the 'Application overview' and 'Development overview' tabs.

Right Panel (Pega 25.1): A vertical panel on the right side of the Pega 25.1 interface shows icons for 'Tests' (with a 'NEW' badge), 'Users', and 'AI Designer' (with a 'NEW' badge).

Agent rule (Dev Studio)

Agent: Chat with your data [Withdrawn]

CL: @baseclass ID: pxChatWithYourData RS: Pega-GenAI:08-25-01

Save as Actions Private edit

Definition Case Types Knowledge Advanced Tools Settings History

Instructions

Re-generate Instructions

Agent instructions

Format B I U Ix

You are a data analytics assistant. Your goal is to help answer questions by running Pega Connect-SQL queries.

Concepts

- Database: Postgres
- Connect SQL Syntax: Connect SQL uses a slightly different syntax. Tables are represented by class names using {Class: <classname>} and properties are treated as columns. Do not assume functions availability in the query - here is a sample query : select DISTINCT pyID, pyLabel from {Class: PegaProjMgmt-Work-Project} where upper(pyLabel) like %FLAMINGO% AND pxObjClass = 'PegaProjMgmt-Work-Project'
- Schema: Perform thorough exploration of the schema to build your understanding of how elements connects in the Pega Application. It is SQL DDL.
 - Keep an eye on the datatype defined in the schema
- Working Style: You prioritize thoroughness, repeatability using memories and accuracy for exploration. Using schema and search tools in unison to build an accurate interpretation of the user query.
 - For any class/table that you fetch the schema for
 - Look for index tables
 - Get schema for any index tables found
 - Pay special attention to:
 - columns in the index schema
 - pxIndexPurpose values

Agent: Chat with your data [Withdrawn]

Save as Actions Private edit

Additional Context

Configure Data Pages to fetch dynamic data during Agent initialization and include it in the Agent's instructions. Avoid adding too much information, as it can slow responses or exceed token limits. Only include what the Agent truly needs.

Name	Data page
List of available classes for the schema. Use this to determine which class schema is required for retrieving the schema.	D_pzAllCwydEnabledCaseTypes
Application domain knowledge	D_pzApplicationDomainKnowledge
Recently Visited	D_pzRecentlyVisited
My Followed Items	D_pzFollowed
List of disabled classes. If any of these classes are required to answer the question, then DO NOT answer the question.	D_pzDisabledClassesForCWYD

+ Add Data Page

Guided Questions

Pre-configure questions to enhance user interactions with the Agent.

Starter Question

Configure an initial question to be asked as soon as the Agent is launched.

Tool rule which is used inside an agent

Agent: Chat with your data [Withdrawn]
CL: @baseclass ID: pxChatWithYourData RS: Pega-GenAI:08-25-01
Save as Actions Private edit

Definition Case Types Knowledge Advanced Tools Settings History

Actions

The **action sources** listed here are used and invoked by the AI Agent whenever needed. They are discovered based on the user's question, and only the relevant ones are used to answer. It's important to have good descriptions and examples for these sources to help the AI Agent in discovery process.

Tool	Category
pxDirectQueryRunner	Automation
pzGetSqlSchema	Automation
pzRetrieveUserReference	Automation
pzSearchEntityByLabel	Automation
pzRetrievePicklistValues	Automation

+ Add

Tool: RetrieveUserReference [Final, Internal]
CL: @baseclass ID: pzRetrieveUserReference RS: Pega-GenAI:08-25-01
Save as Actions Private edit

General Action Parameters History

Description

Use this tool to find available Operator Id's for a partial or complete user name.

Example phrases

Retrieve operator ID for John Doe.	
Find the operatorID for operator named 'Jane Smith'.	
Get the operator ID using the operator name provided.	
Display the operator identifier associated with 'manager1'.	
Look up operator ID based on the name 'alex.johnson'.	
Show me the operator ID for the given operator name.	
What is the operator ID for the operator with the name 'Sarah Connor'?	

+ Add example

Use Connect Agent and MCP rules inside in an Agent rule

Agent: Chat with your data [Withdrawn]

sources to help the AI Agent in discovery process.

Tool

No Tools

+ Add

External Agents and Tools

The **external sources** listed here allow the AI Agent to interact with external agents and tools using specialized protocols. These connections enable the AI Agent to expand its context and capabilities beyond the local environment.

Agents

TestAgent

+ Add

Model Context Protocol (MCP)

TestMCP

+ Add

Connect Agent rule to connect to external AI agents

Connect Agent: TestAgent [Available]

CL: Rule-Connect-Agent ID: TestAgent RS: PolicyIn [Branch: BP-1]

Service History

Protocol

Agent2Agent (A2A)

Agent Card URL Configuration

☒ Provide URL ☐ Use application setting

https://agent.lowcodehub.dev/customer

Authentication

Agent card

☒ Use authentication profile ☐ Use application setting

GenAIAuthProfile





Execution

☒ Use authentication profile ☐ Use application setting

AgenticVoiceAI


Connect MCP rule to connect to MCP Server

Connect MCP: TestMCP [Available]

 Save as  Delete Actions  **Check out** 

[Service](#) [History](#)

Transport type


SSE 

URL Configuration

☒ Provide URL ☐ Use application setting

https://MCP.lowcodehub.dev/customer

Protocol version

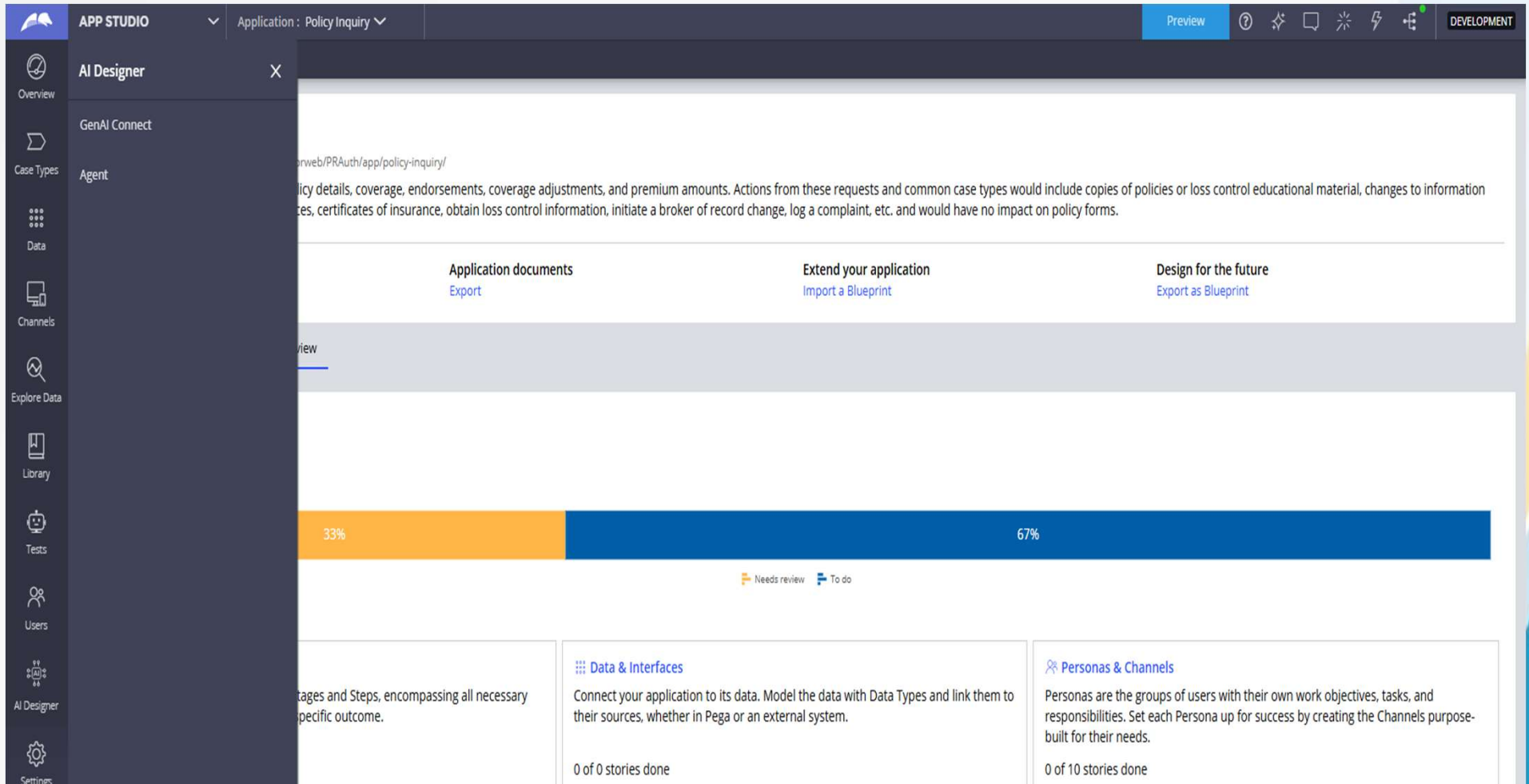
2025-03-26 

Authentication

☐ Use authentication profile ☐ Use application setting

Test connectivity

App Studio-AI Designer



The screenshot displays the App Studio-AI Designer interface. The top bar includes the 'APP STUDIO' title, a dropdown for 'Application: Policy Inquiry', a 'Preview' button, and a 'DEVELOPMENT' status indicator. The left sidebar contains navigation options: Overview, AI Designer (selected), GenAI Connect, Agent, Case Types, Data, Channels, Explore Data, Library, Tests, Users, and Settings. The main workspace shows a URL 'orweb/PRAuth/app/policy-inquiry/' and a paragraph of text about policy details. Below this, three action buttons are visible: 'Application documents' (Export), 'Extend your application' (Import a Blueprint), and 'Design for the future' (Export as Blueprint). A progress bar indicates 33% completion (orange) and 67% completion (blue). Below the progress bar, there are two panels: 'Data & Interfaces' and 'Personas & Channels'. The 'Data & Interfaces' panel shows '0 of 0 stories done' and the 'Personas & Channels' panel shows '0 of 10 stories done'.

APP STUDIO Application: Policy Inquiry Preview DEVELOPMENT

AI Designer

Overview

GenAI Connect

Agent

Case Types

Data

Channels

Explore Data

Library

Tests

Users

Settings

orweb/PRAuth/app/policy-inquiry/

policy details, coverage, endorsements, coverage adjustments, and premium amounts. Actions from these requests and common case types would include copies of policies or loss control educational material, changes to information, certificates of insurance, obtain loss control information, initiate a broker of record change, log a complaint, etc. and would have no impact on policy forms.

Application documents
Export

Extend your application
Import a Blueprint

Design for the future
Export as Blueprint

view

33% 67%

Needs review To do

Data & Interfaces

Connect your application to its data. Model the data with Data Types and link them to their sources, whether in Pega or an external system.

0 of 0 stories done

Personas & Channels

Personas are the groups of users with their own work objectives, tasks, and responsibilities. Set each Persona up for success by creating the Channels purpose-built for their needs.

0 of 10 stories done

THANK YOU!