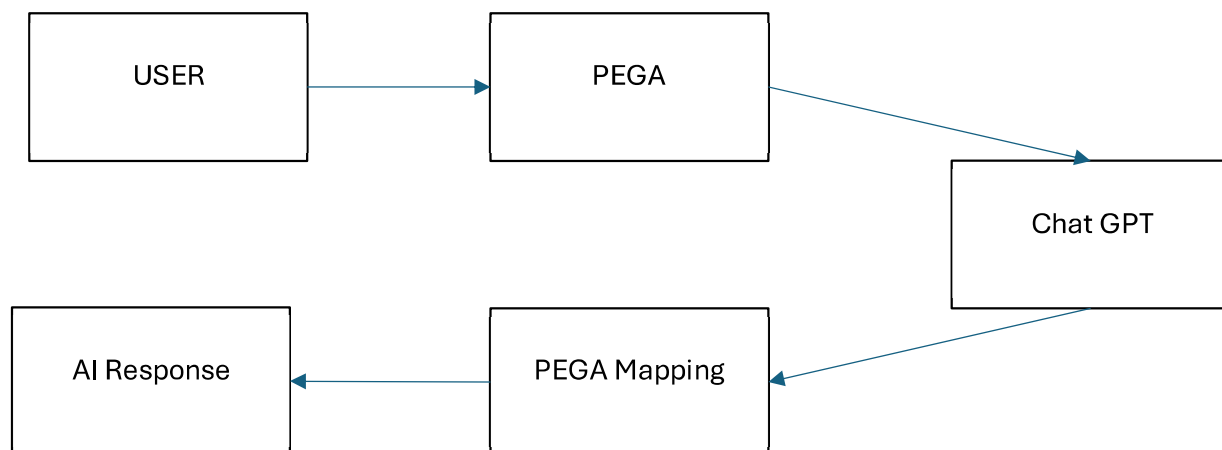


Use and POC of PEGA Gen AI Connect:

Gen AI Connect:

This is a new rule that is introduced as a part of PEGA infinity, and its basic functionality is to connect with the outside third-party AI like ChatGPT or any other AI that we can configure as an AI source. Once we receive a response from outside AI then PEGA processes the response and maps to the respective property.

Working Model:

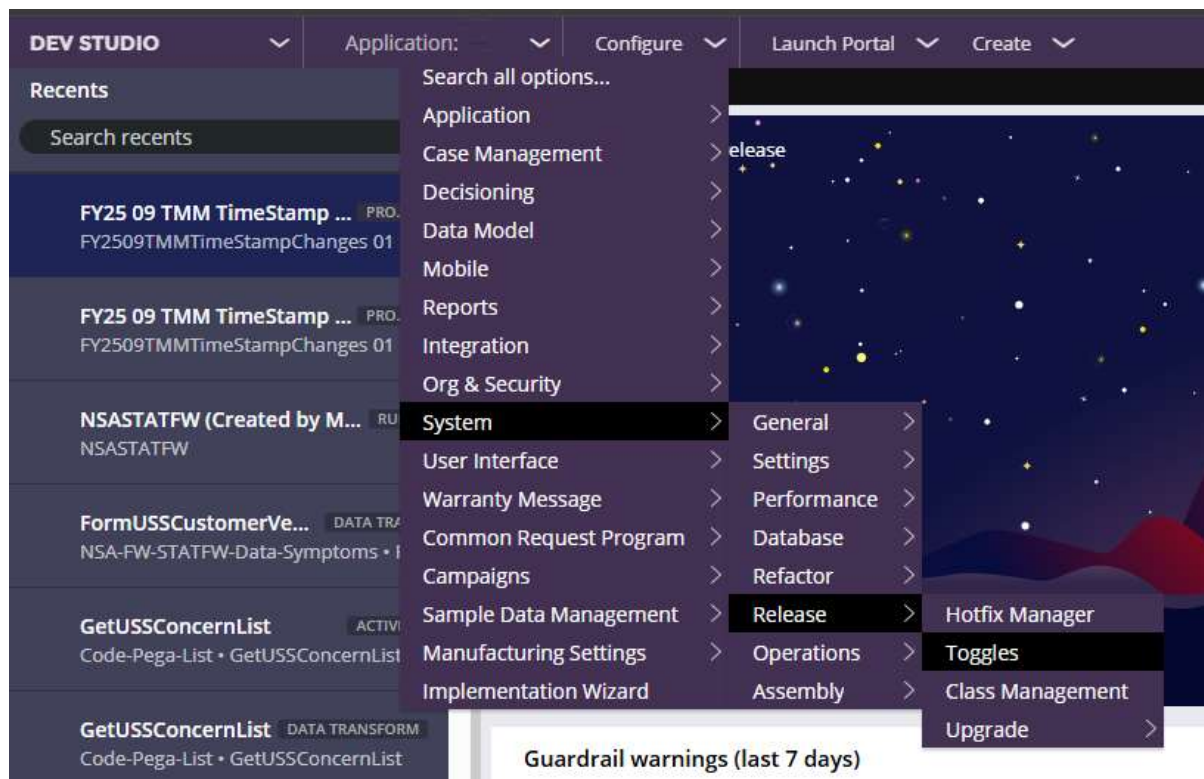


POC:

I have A simple Gen AI connect Path that we have included in the Realtime is the enters the place that he want to visit for a vacation and we are going to summarize the given input of the user using this rule.

Steps to configure:

1. Open Dev Studio, Click Configure -> System -> Release -> Toggles. This opens “Toggles Management”.



2. Check for “EnableGenerativeAI” identifier and click the pencil icon to open that identifier.

PegaRULES	EnableGenerativeAI	seguv	ON	Open When 🔗
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3. Enable the toggle in Associated ruleset based on your preference for accessing the Pega GenAI.

Edit toggle



Warning : This is a beta feature that may be changed or completely reversed in future. Please refer to feature documentation for more details.

Application context★

PegaRULES

Toggle identifier

EnableGenerativeAI

Short description

Toggle for enabling Connect-GenerativeAI feature

Additional details

External ID 

Associated ruleset

Pega-ProcessCommander



Enable toggle for all



Only my access group:



Only myself:

☒ This toggle has an associated when rule created in:

Development branch

[No branch]

Ruleset

Pega-IntegrationArchitect

Version

08-23-01

4. In the Case type “Travel package” at first step we are giving an option to user describe the place that they want to visit in the property name as “Describe Spot”.

Constellation

Label

Description

Traveler Details

Name

Aadhaar Id

Age

Country

Describe Spot

Template
Default form
Edit

Layout
1 column

Instructions
Case step instructions

Fields

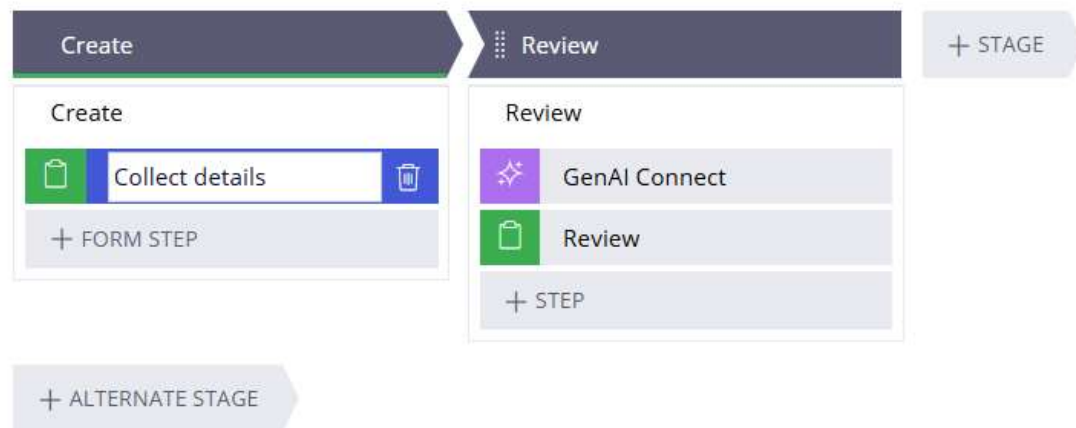
Primary fields	View		
Traveler Details	Field group	+	
Name	Text (single line)		
123 Aadhaar Id	Integer		
Age	Text (single line)		
Country	Text (single line)		
Describe Spot	Text (paragraph)		

+ Add

> Advanced

5. Once this step is done the next step in the flow is Gen AI connect step where we are using the connect rule.

Case Lifecycle



6. Created a New rule called “SumSpot” in the work class and provided the response property as “AIDescribeResponse” and request property as “SumSPT”. Where there is a field value Column for User prompt .

The screenshot shows the 'GenAI Connect: Sum Spot [Available]' configuration page. The top navigation bar includes 'Home', 'Travel Package', and 'SumSpot'. The main header displays 'ID: SumSpot' and 'RS: MyPOC:01-01-03'. Below the header, there are tabs for 'Request & Response', 'Advanced', 'Parameters', 'Test cases', and 'History'. The 'Request & Response' tab is active, showing two panels: 'Request' and 'Response'.

Request Panel:

- ☐ Customize system prompt
- System prompt: pzDefaultSystemPrompt (with a help icon)
- User prompt: SumSPT (with a help icon)
- Include attachment field for analysis: ☐

Response Panel:

- Expected Response Mode: ☒ Structured - Single, ☐ Structured - List, ☐ Unstructured
- To property: AIDescribeResponse (with a help icon)
- + Add property

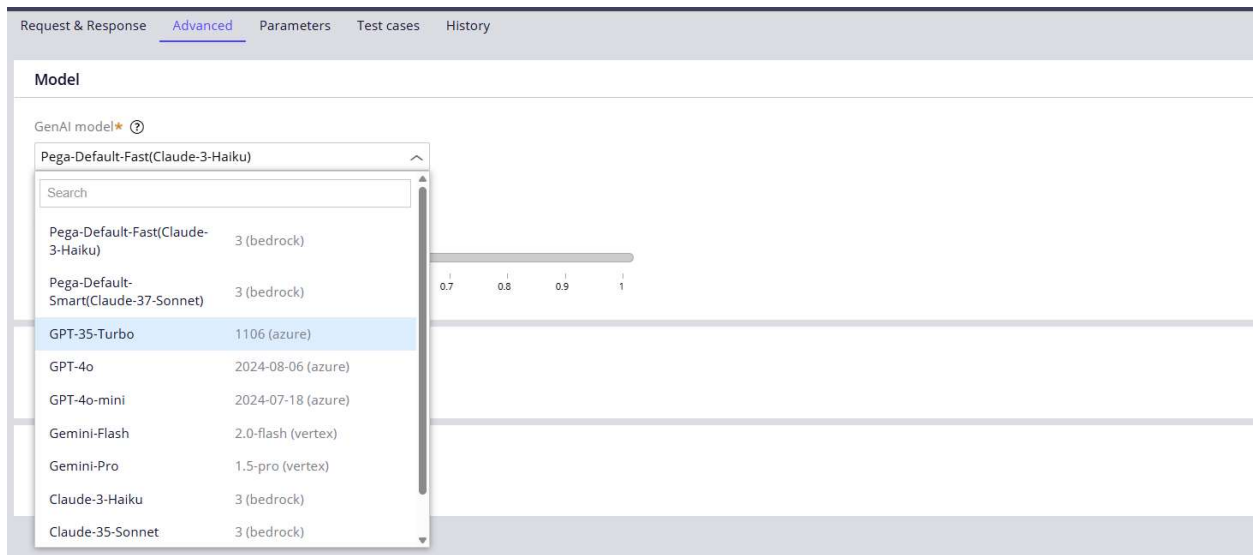
Inside the User prompt we have given the property that user mentions the description.

This section is titled 'Translate from SumSPT'. It shows a 'To' field with the value 'Summarize it in one line from {DescribeSpot}'. Below this, a note states: 'Extra whitespaces will be collapsed to single space by browser'. At the bottom, there is a section for 'Field Value Parameters' with a table header:

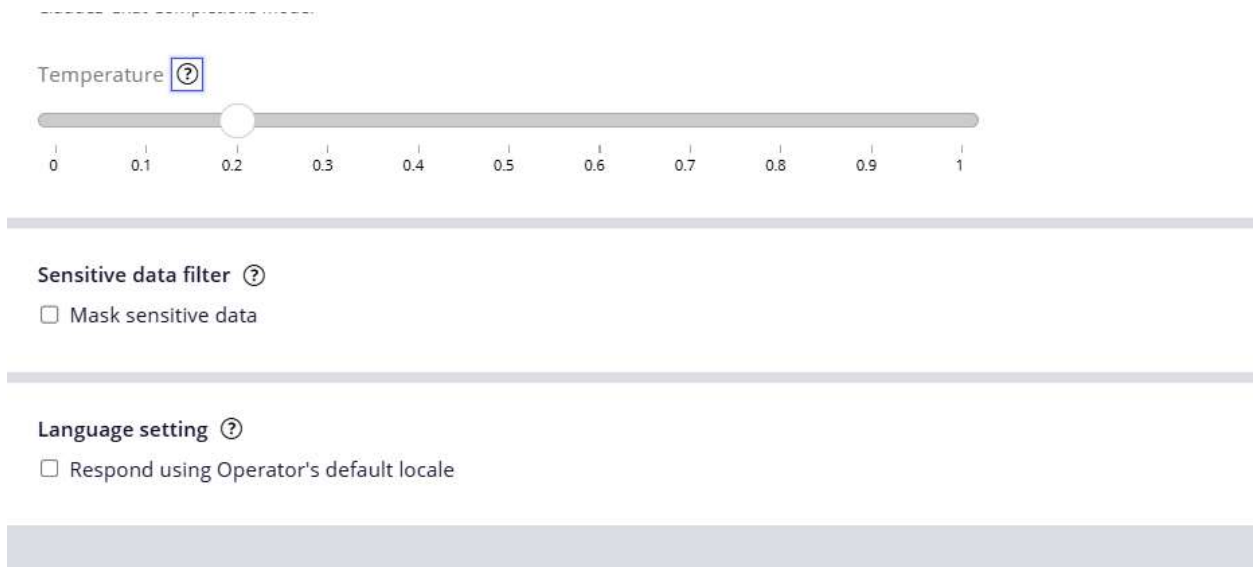
Parameter	Default
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Then In the Advance tab of the Gen AI connect rule I have mentioned the Default AI model as “PEGA-Default-Fast(Claude-3-Haiku)”.

There are other AI models that we can connect to as well.



There is a temperature bar which gives a control of how our response should be if it is close to '1' then the response will be more creative if it is close to '0' then the response will be more coherent.



There are other options as well:

Sensitive data filter: Any sensitive data that needed to be hidden we can mask using this option.

Language Setting: This is more of localization of the response.

7. After the configurations then the response of the ai is being shown in the next step of process in the “Review”.

Preview as
Constellation

Review describe

AI Describe Response

Edit View: review

Template
Default form
Edit

Name *
review

Layout
1 column

Instructions
Case step instructions

Fields

Review describe View Settings Delete

+ Add

> Advanced

8. Running the Case.

Create Travel Package (T-1081)

Traveler Details

Name
John Doe

Aadhaar Id
123,456,789

Age
35

Country
India

Describe Spot

Paris, the vibrant capital of France and the world's fashion, art, and luxury capital, is known for its iconic landmarks, romantic atmosphere, and rich history. The Eiffel Tower, an engineering marvel, dominates the skyline, while the Louvre houses masterpieces like the Mona Lisa. The Seine River flows through the city, dividing it into the Left and Right Banks, which are adorned with historic architecture and lively boulevards. With its bohemian districts, world-class cuisine, vibrant arts scene, and pedestrian-friendly streets, Paris offers a unique blend of historical grandeur and modern sophistication that draws millions of tourists annually

Cancel Fill form with AI Submit



Review

Assigned to Opr • In T-1081 • Urgency 10

Review describe

AI Describe Response

Paris, the vibrant capital of France, is renowned for its iconic landmarks, romantic atmosphere, i

Cancel

✦ Fill form with AI

Save for later

Submit

Debugging:

When we try to trace the rule we could able to see that a Connect Rest is being called in backend named as “pxConnectToGenerativeAI”.

List of rules that It Can be refered:

1. Flow Shape.
2. Data page.
3. Ai Agents.