

AI for Fusion.

Basic RAG example AI agent using HCM features.

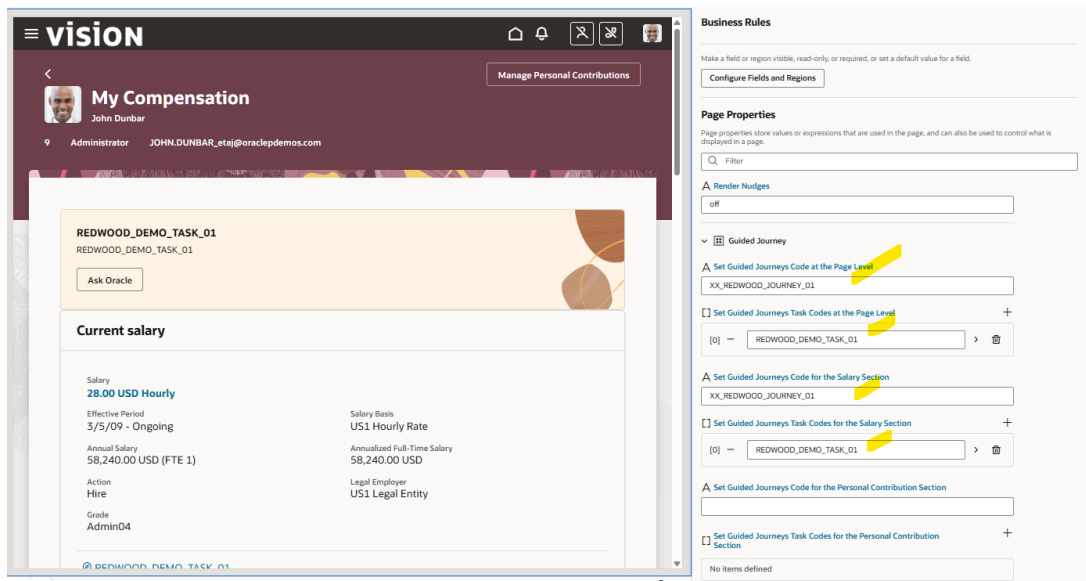
Agent shown on Redwood page (HCM) and in ADF-Classic (Expenses Reports).

Introduction/Goal

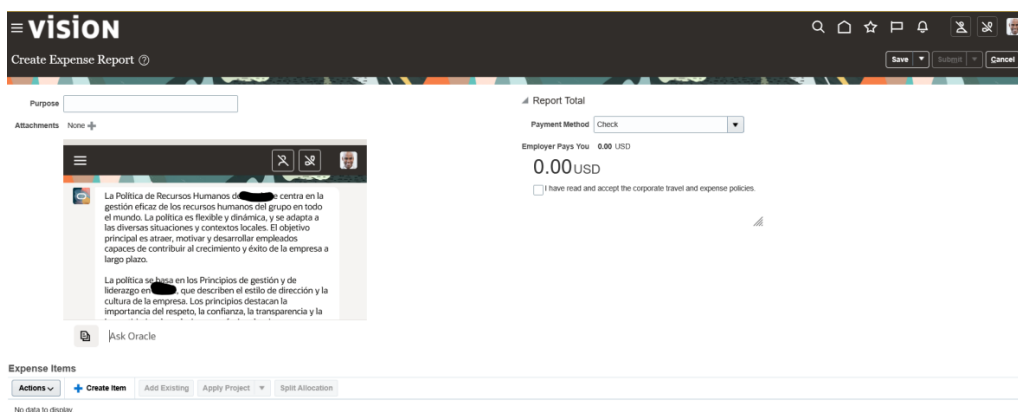
We are going to create our first RAG AI Agent in Fusion.

Then, we will embed the agent in Fusion in these ways:

- 1) Natural way using Journey Guides in a Redwood page.



- 2) Using Page Composer to include in Classic-ADF Page.



Preparatory steps. Profiles and roles.

Set profile option values to Y:

- ORA_HCM_VBCS_PWA_ENABLED
- ORA_PER_GUIDED_JOURNEYS_SETUP_REDWOOD_ENABLED
- ORA_PER_AGENT_TASK_TYPE_GUIDED_JOURNEYS_ENABLED

This should be done in SaaS. Menu-Setup and Maintenance.

Search: “Manage Administrator Profile Values”.

The screenshot shows the Oracle Vision interface. At the top, there's a search bar with the text "Manage Administrator Profile Values" and a magnifying glass icon. Below the search bar, it says "Match With Tasks, Task Lists, Business Objects". The main heading is "Manage Administrator Profile Values" with a help icon. Below this, there are search filters: "Search : Profile Option", "Profile Option Code" (ORA_HCM_VBCS_PWA_ENABLED), "Profile Display Name", "Category", "Application", and "Module". The "Search Results : Profile Options" section shows a table with one result:

Profile Option Code	Profile Display Name	Application	Module	Start Date	End Date	Description
ORA_HCM_VBCS_PWA_ENABLED	Enable VBCS Progressive Web Ap...	Global Human Resources	Global Human Resources	11/22/22		Enable VBCS Progressive Web Application User Interfaces across HCM application

Below the table, there's a section for "ORA_HCM_VBCS_PWA_ENABLED: Profile Values". It includes a table with columns: "Profile Level", "Product Name", "User Name", and "Profile Value". The "Profile Value" column shows a dropdown menu with the value "Y".

Privileges required:

- HRC_MANAGE_AI_AGENT_PRIV (no needed for end users).
- HRC_ACCESS_AI_AGENT_CHAT_PRIV

Privileges should be linked to roles and these roles to the users. In our demo instances this is already done.

After setting up above privileges run Job “Import User and Role Application Security Data”.

Preparatory steps. Create Agent.

1) Tool + Document.

If with your roles, you cannot access this menu:



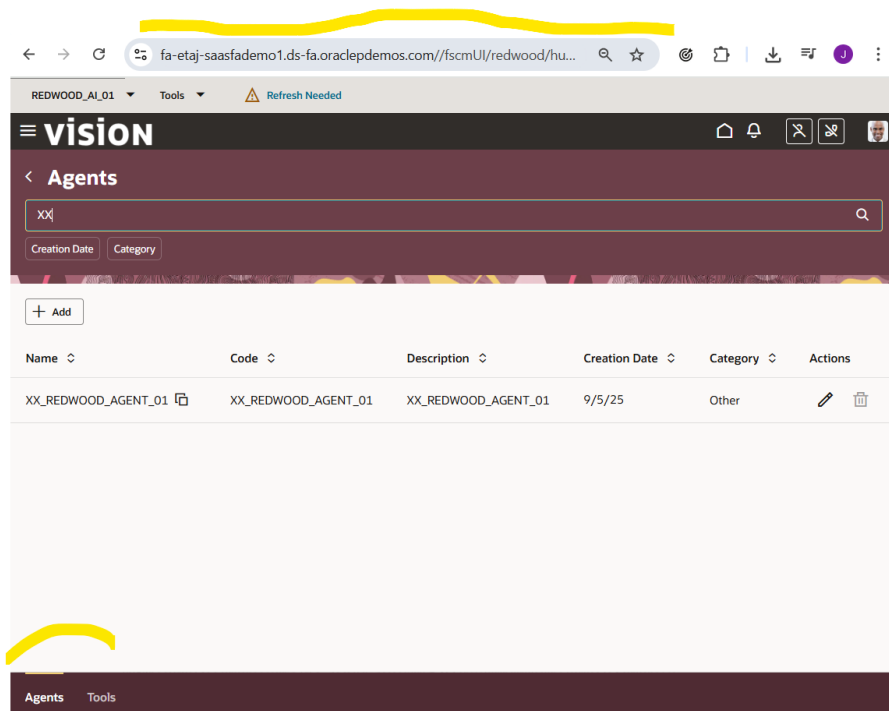
Use this URL.

<https://xxxdbpqy.ds-fa.oraclepdemos.com/fscmUI/redwood/human-resources/gen-ai/launch>

This is the suffix to add to your POD.

/fscmUI/redwood/human-resources/gen-ai/launch

You will see this page, click on “Tools” tab.



Now click on “Add” button and fill in the page the data.

Name: XX_REDWOOD_TOOL_01.

New Documents Tool

CancelAdd

Name

XX_REDWOOD_TOOL_01

Description

XX_REDWOOD_TOOL_01

Documents

+ Add

Name

XX_REDWOOD_TOOL_01_DOC_01

Description

XX_REDWOOD_TOOL_01_DOC_01

Drag and Drop

Select or drop files here.

Drag and drop your PDF file with HR policies, technical document, instructions, company rules or similar.

Sorry we cannot share ours; we are playing with PDF document from internet, nothing special.

Description

XX_REDWOOD_TOOL_01_DOC_01

Drag and Drop

Select or drop files here.

PDF

politica-de-recursos-humanos.pdf

132.22 KB

Last updated on 9/4/25

Download

More

Click on “Save” button and “Add”.

New Documents Tool

Cancel

Add

Name

XX_REDWOOD_TOOL_01

Description

XX_REDWOOD_TOOL_01

Documents

+ Add

XX_REDWOOD_TOOL_01_DOC_01

XX_REDWOOD_TOOL_01_DOC_01

Published Date

Not available

Deleted Date

Not available

Draft

Add as many documents as you need.

You will now have a “Draft” document.

In the next steps the document will be “indexed” by Oracle AI tools (scope for this is outside this document).

First, re-query the “Tool” that we just created.

Click “Edit”.

vision

25

< Tools

XX

Creation Date

Created By

+ Add

Name	Description	Creation Date	Created By	Tool Type	Actions
XX_REDWOOD_TOOL_01	XX_REDWOOD_TOOL_01	9/4/25	John Dunbar	Document	<div></div> <div></div> <div></div>

Click “Edit” again.

XX_REDWOOD_TOOL_01

CancelSave

Name

XX_REDWOOD_TOOL_01

Description

XX_REDWOOD_TOOL_01

Documents

+ Add

XX_REDWOOD_TOOL_01_DOC_01

XX_REDWOOD_TOOL_01_DOC_01

Created by John Dunbar on 9/4/25



Published Date

Not available

Deleted Date







Not available

Draft

Change here to “Ready to publish”.

vision

XX_REDWOOD_TOOL_01

CancelSave

Name

XX_REDWOOD_TOOL_01

Description

XX_REDWOOD_TOOL_01

Documents

+ Add


XX_REDWOOD_TOOL_01_DOC_01

Name

XX_REDWOOD_TOOL_01_DOC_01

Status

Ready to publish

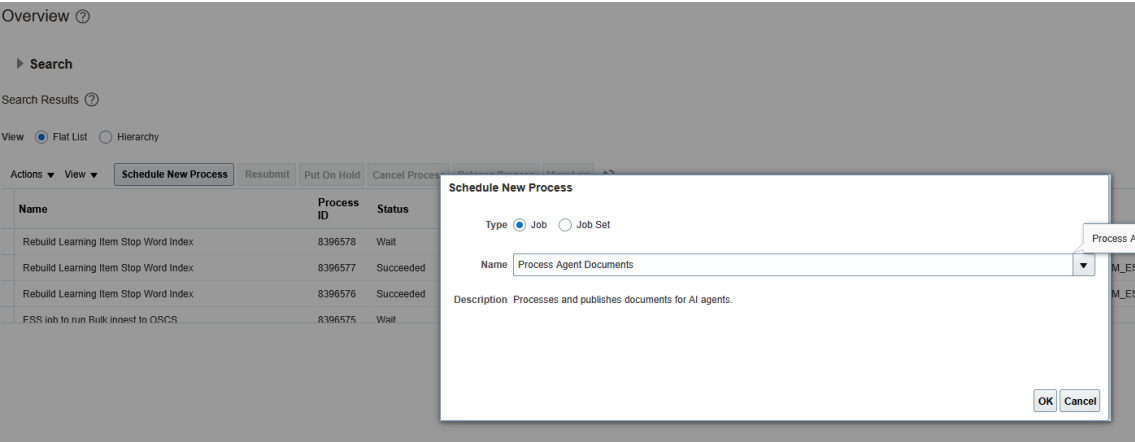


Save (below button) and Save (above button).

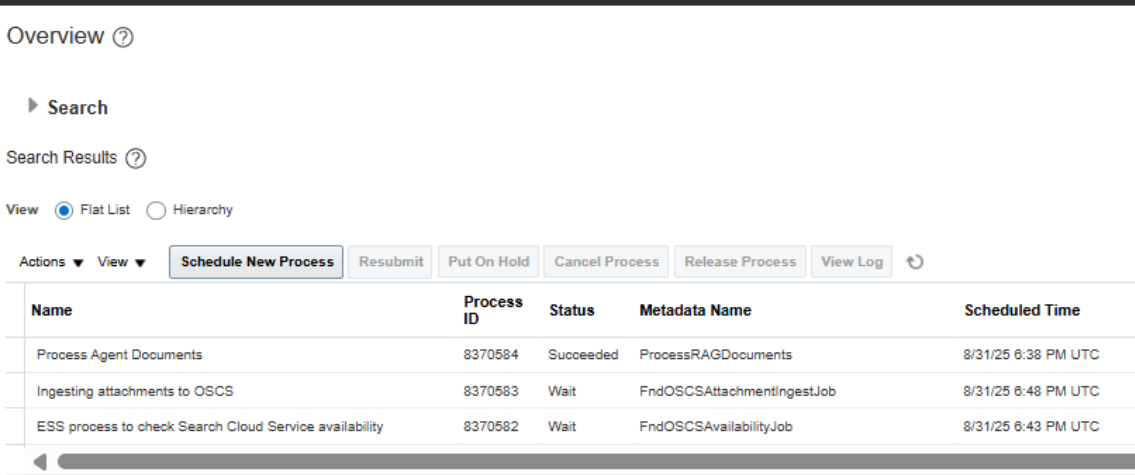
For indexing the document run the Job “Process Agent Documents” in Scheduled Processes menu.



Select.



Wait to finish.



After running job if we re-query we should see the following change.

XX_REDWOOD_TOOL_01

CancelSave

Name

XX_REDWOOD_TOOL_01

Description

XX_REDWOOD_TOOL_01

Documents

+ Add

XX_REDWOOD_TOOL_01_DOC_01

XX_REDWOOD_TOOL_01_DOC_01

Created by John Dunbar on 9/4/25

Published Date

9/4/25

Deleted Date

Not available

Published

2) Agent.

Now go to “Agents” tab and click on “Add” button.

Category “Others”.

Name: XX_REDWOOD_AGENT_01.

New Agent

CancelAdd

Name

XX_REDWOOD_AGENT_01

Code

XX_REDWOOD_AGENT_01

Description

XX_REDWOOD_AGENT_01

Category

Other

Tools

+ Add

Name

XX_REDWOOD_TOOL_01

Cancel

Save

Now click “Save” button and “Add” button.

Agents

XX

Creation Date

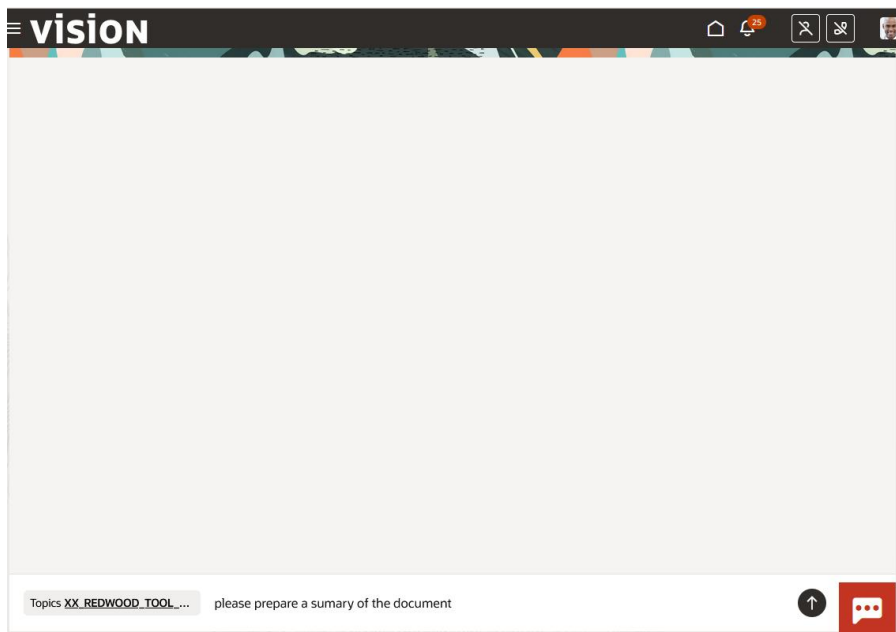
Category

+ Add

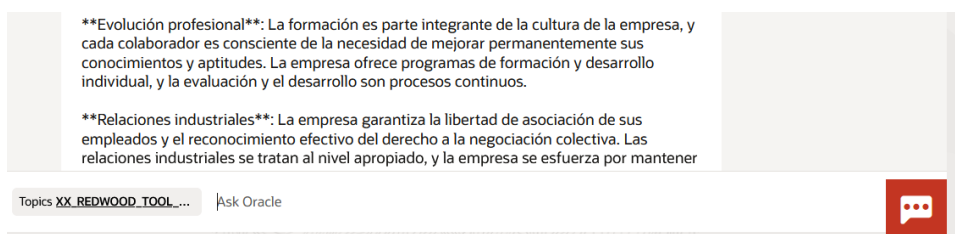
Name	Code	Description	Creation Date	Category	Actions
XX_REDWOOD_AGENT_01	XX_REDWOOD_AGENT_01	XX_REDWOOD_AGENT_01	9/4/25	Other	

At this point you already can play with an plain URL and test, if you have the proper roles.

https://fa-zzzz-saasfademo1.ds-fa.oraclepdemos.com:443/fscmUI//redwood/human-resources/chat-agent/launch?agentCode=XX_REDWOOD_AGENT_01



This is the answer



What do we have for now?

An “Agent” with a linked PDF document that can already be queried by employees with Fusion access and proper roles. Below the scenes RAG technology has been applied.

3) Journey.

Guided Journey.

< XX_REDWOOD_JOURNEY_01 Draft

Activate

Overview

Security

Basic details

Name

XX_REDWOOD_JOURNEY_01

Code

XX_REDWOOD_JOURNEY_01

Allow access for external users

No

Description

Background image

+ Add

Good evening, John Dunbar

Sales

Redwood Sales

Service

Me

My Team

Procurement

My Client Groups

Help Desk

Product Manage >

← Show Less

Employment

Add Assignment

Additional Assignment Info

Additional Person Info

Allocate Checklists

Areas of Responsibility

Benefit Life Events

Cancel Work Relationship

Change Assignment

Journeys Setup

Category Security

Electronic Signature Configurations

Guided Journey

Journey Configurations

Journey Console

Journey Integrations

Journey Scheduled Allocations

Journey Templates

Journeys Setup

Task Groups

Task Library

< Guided Journey

Search by name

Q

Status Active X

Clear (1)

+ Create

Import

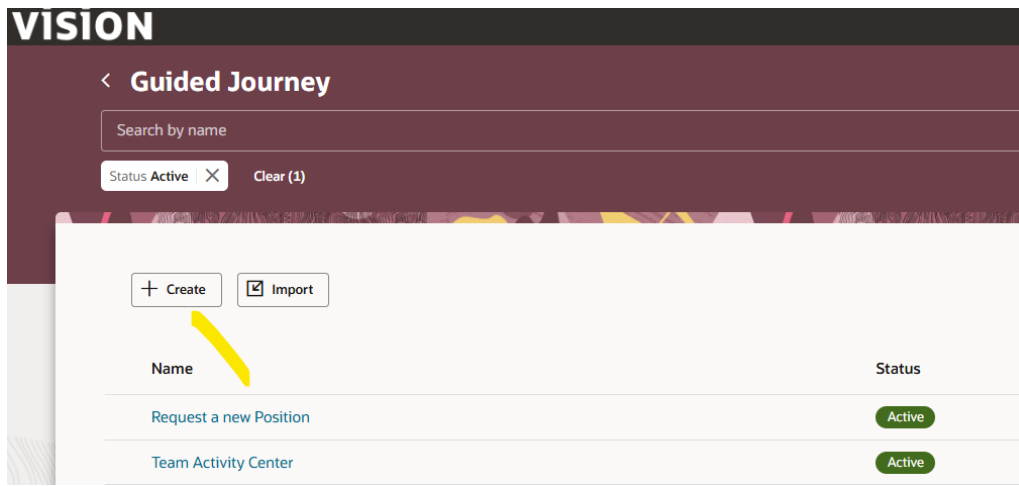
Sort By Last Updated - Latest to Oldest

Name	Status	Description	Actions
Request a new Position	Active		≡ ...
Team Activity Center	Active	Agent Team Activity Center	≡ ...
Payslip Analyst	Active	Agent Payslip Analyst	≡ ...
Benefits Analyst	Active	Agent Benefits Analyst	≡ ...
Work Instruction Authoring Advisor	Active		≡ ...

Create

10

AI for Fusion CookBook



New Journey ⌵

Creation Method

☒ New ☐ Use existing ☐ AI Assist

Name
XX_REDWOOD_JOURNEY_01

Code
XX_REDWOOD_JOURNEY_01

Allow access for external users
☐

Click on “Create Draft”.

Name: XX_REDWOOD_JOURNEY_01.

<

XX_REDWOOD_JOURNEY_01

Draft

Guided Journey

Overview

Security

Basic details

Name

XX_REDWOOD_JOURNEY_01

Code

XX_REDWOOD_JOURNEY_01

Allow access for external users

No

Description

Background image

+

Add

Tasks

+

Add

Add your first task.

Click on “Tasks” button

Task Name: REDWOOD_DEMO_TASK_01.

Overview

Advanced

Agent

Analytics

Document

Embedded Learning

External URL

Manual Task

Questionnaire

Report

Task Type
External URL

Task Description
REDWOOD_DEMO_TASK_01

Code
REDWOOD_DEMO_TASK

≡ ▼ ≡ ≡ 🔗 🖨️ ✂️ ↶ ↷

Task URL

Required

Task Type
Agent

Agent Type
RAG Agent

Agent
XX_REDWOOD_AGENT_01

< XX_REDWOOD_JOURNEY_01 Draft

Activate

Guided Journey

Overview Security

Basic details

Name
XX_REDWOOD_JOURNEY_01

Code
XX_REDWOOD_JOURNEY_01

Allow access for external users
No

Description

Background image

+ Add

Tasks

+ Add

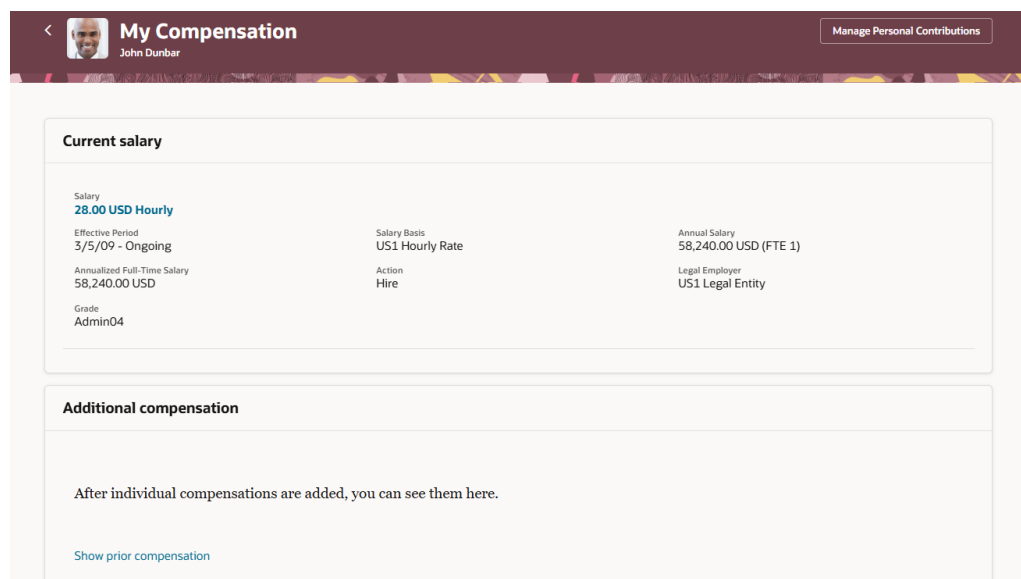
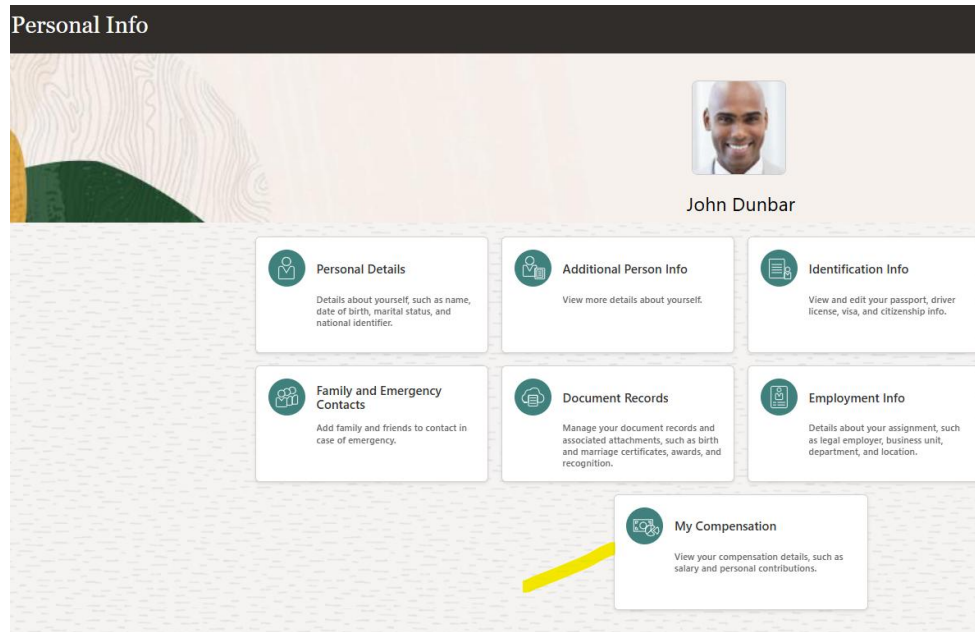
REDWOOD_DEMO_TASK_01
REDWOOD_DEMO_TASK_01

Task Type
Agent

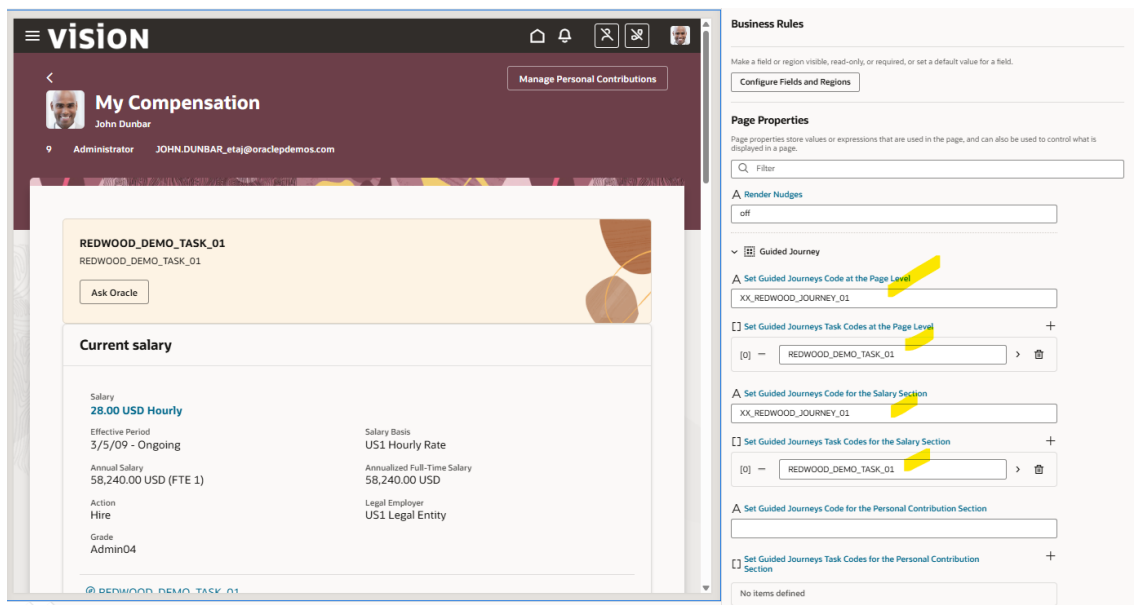
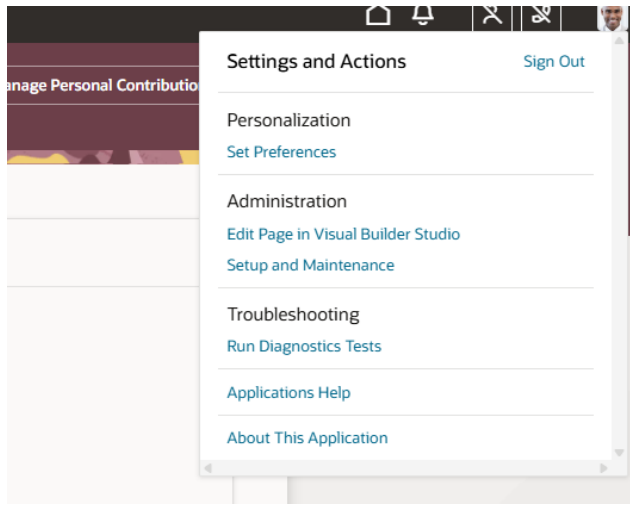
Active

4) VB Customization.

Name: XX_REDWOOD_JOURNEY_01.



Enter Visual Builder.



If we Publish our VB extension, all users will have access to this feature.

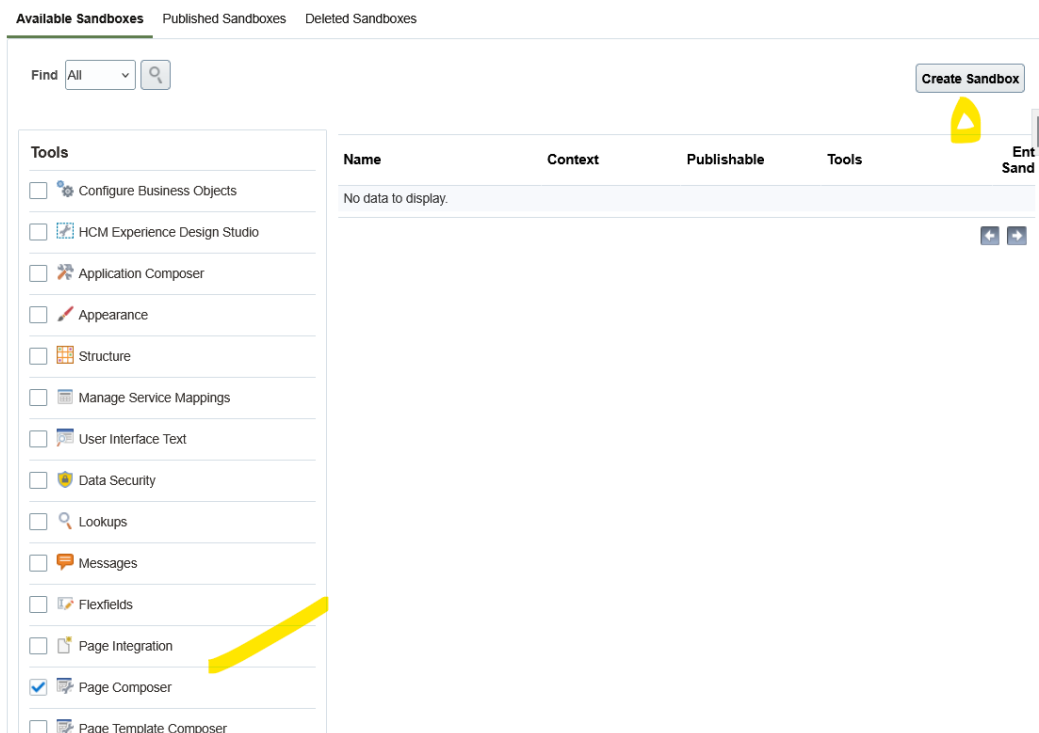
Publish action is outside the scope of this document. Search blogs or review our books related to Redwood.

5) Cusotmization in Page Composer to embed in ADF-Classic page.

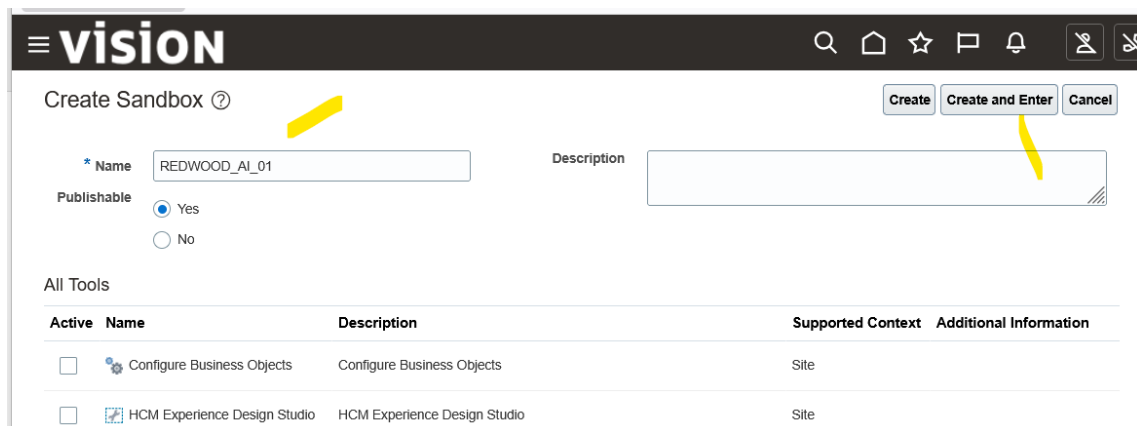
When you have your URL with your agent working you could embed it in ADF-Classic page and see what happens.

https://fa-zzzz-saasfademo1.ds-fa.oraclepdemos.com:443/fscmUI//redwood/human-resources/chat-agent/launch?agentCode=XX_REDWOOD_AGENT_01

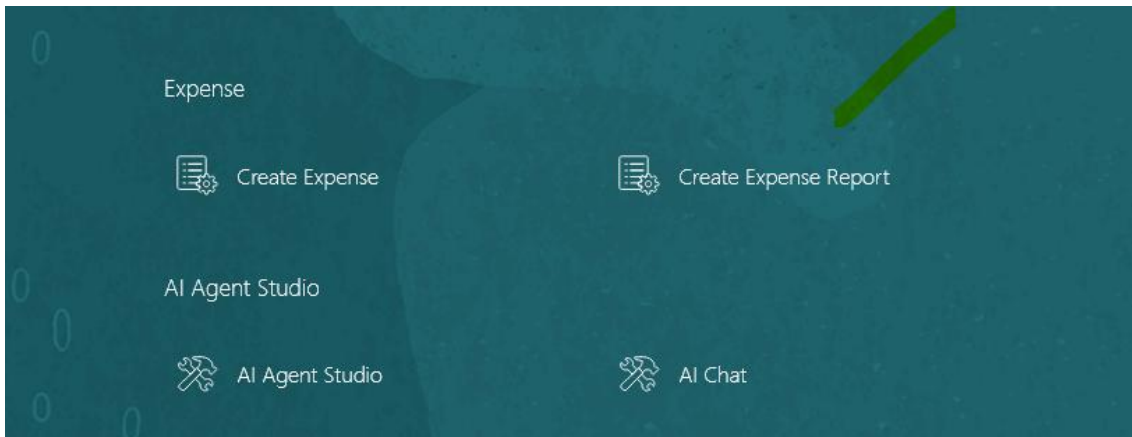
In SaaS, menú-configuration-Sandboxes.



Now click as shown to create.



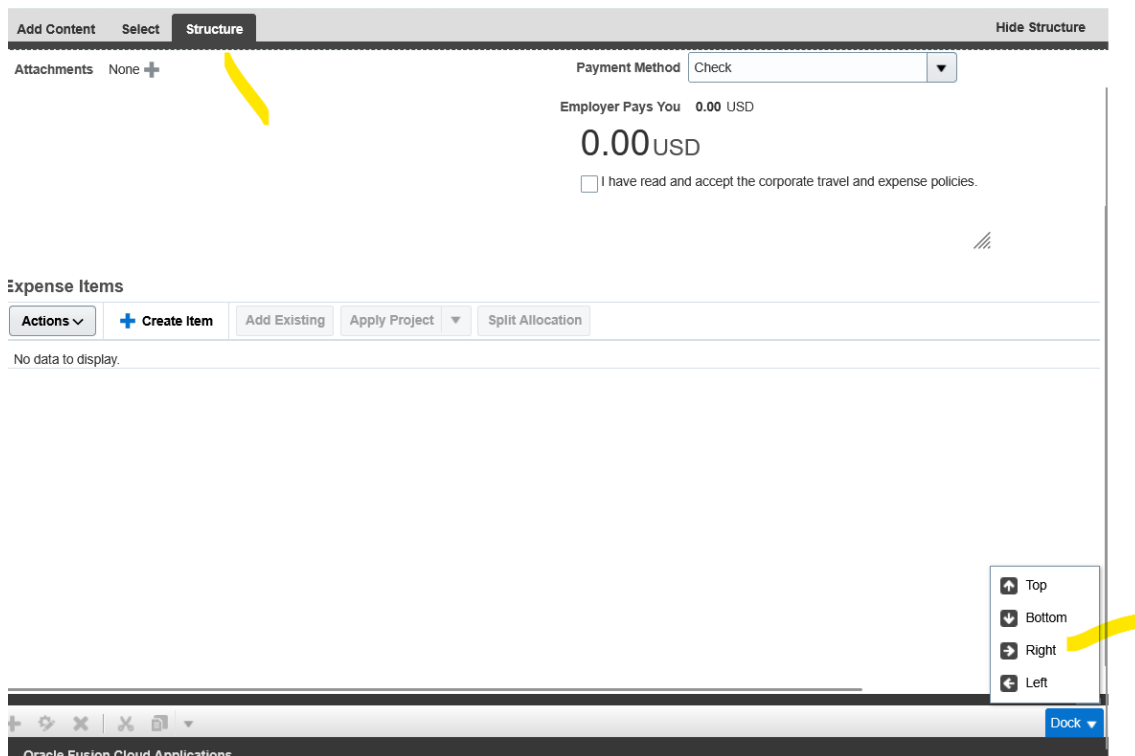
Now navigate SaaS: Menu-Me-Show More-Create Expense Reports



Now enter “Page Composer” tool and let’s see what we can do.

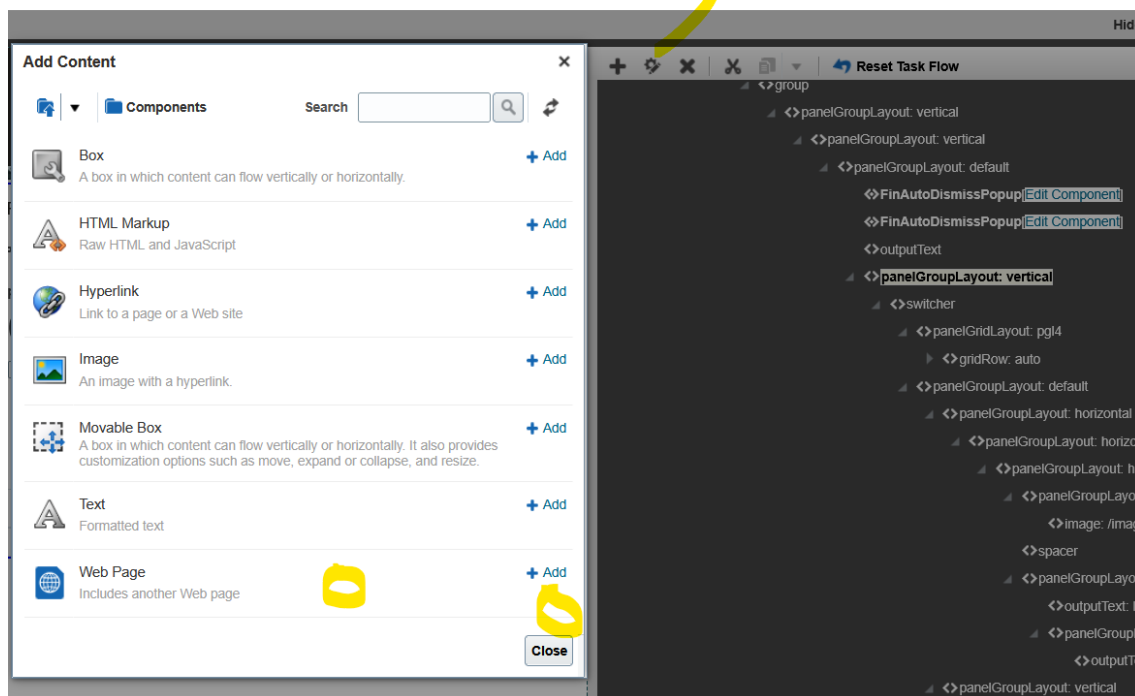
A screenshot of a web application interface. At the top, there's a yellow header bar with "REDWOOD_AI_01" and a "Tools" dropdown menu. The dropdown menu is open, showing "Page Composer" and "Add More...". Below the header, the main content area has a dark background with the "visio" logo and the text "Create Expense Report". There are several input fields and buttons: "Purpose", "Attachments", "Report Total", "Payment Method", "Employer Pays You", and "0.00USD". A checkbox is present for accepting corporate travel and expense policies. At the bottom, there's a section for "Expense Items" with buttons for "Actions", "Create Item", "Add Existing", "Apply Project", and "Split Allocation".

Click as shown.

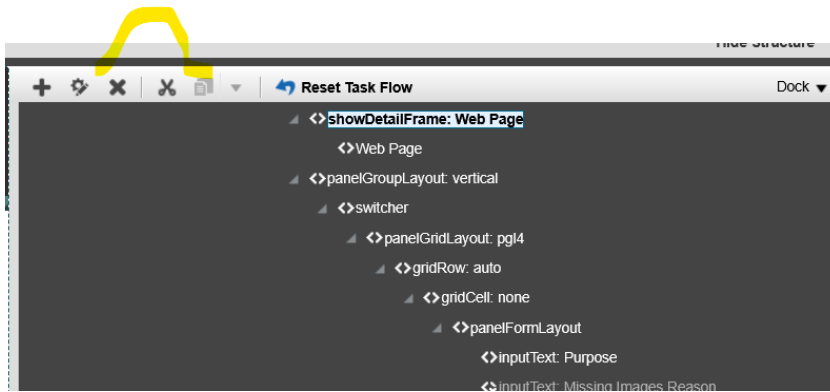


Play with tool to select on the right side of the page where you want to place your embedded agent.

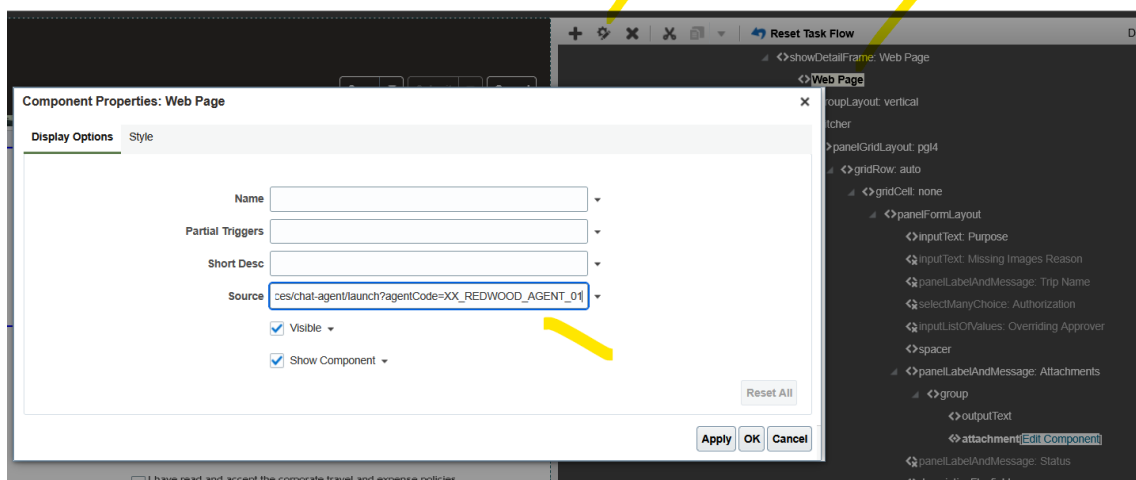
Now click as shown.



Recommended: play with cut and paste features to get the component in the desired place.



Now include your URL and play with the options, as size, title, etc.



First approach, not very user friendly.

Let's make some adjustments.

In the component parent of our page, we can play with these options in “Basic” tab.

In Advanced tab we have this:

Component Properties: Web Page

Display OptionsStyleContent Style

BasicAdvanced

Show Actions on Hover

☐

Display Shadow

☐

Allow Minimize

☒

Stretch Content

true

Allow Move

enabled

Size.

Component Properties: Web Page

Display OptionsStyleContent Style

Color

Background Color

Transparent

Width

500px

Height

350px

Font

Font Size

Feel free to play with options.

We have used these.

Component Properties: Web Page

Display OptionsStyleContent Style

BasicAdvanced

Text

Redwood DEMO for AI Agent

Short Desc

Redwood DEMO for AI Agent

Chrome Style

#{changeModeBean.inEdit}

Header Options

Font Color

Font

Font Size

Font Style

B *I* U ~~S~~

Display Header

#{changeModeBean.inEditMode}

Allow Remove

☒

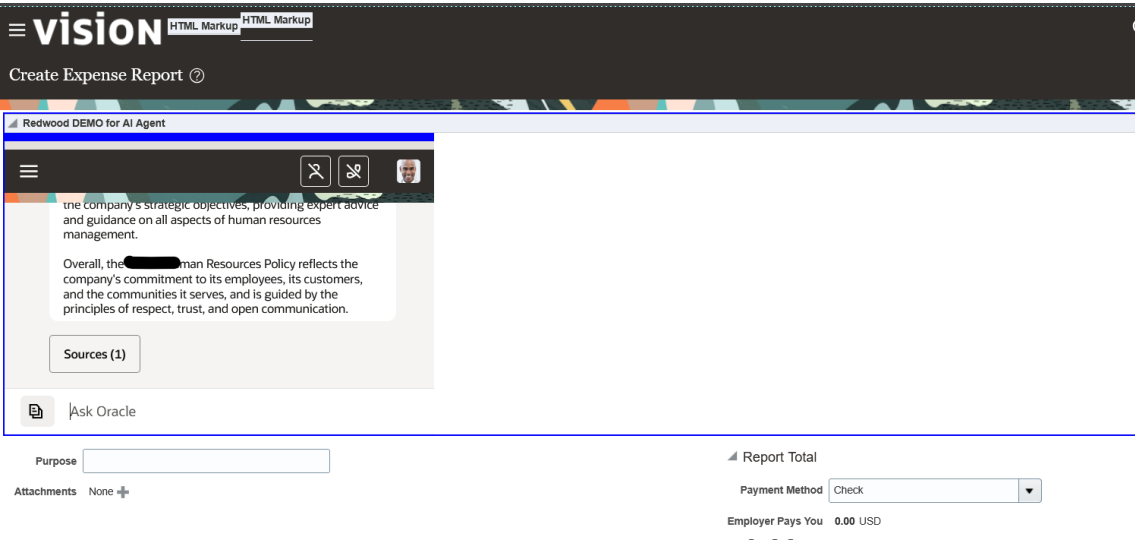
Allow Resize

#{changeModeBean.inEditMode ? 'always' : 'never'}

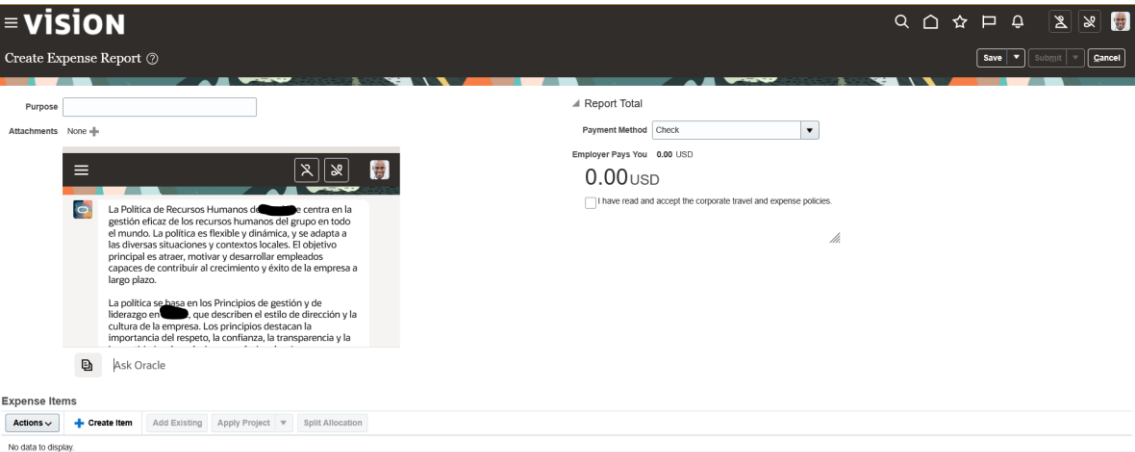
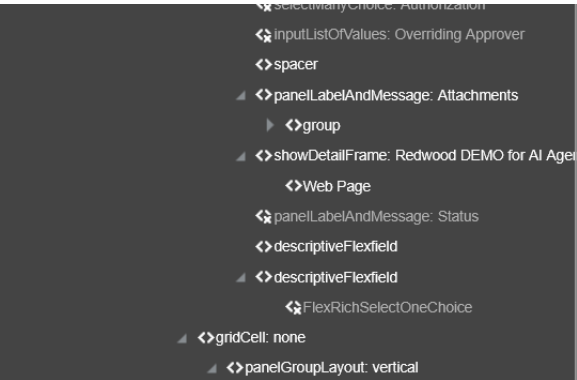
Show Component

☒

This is our result.



Notice the look and feel improves a bit moving our components below attachments.



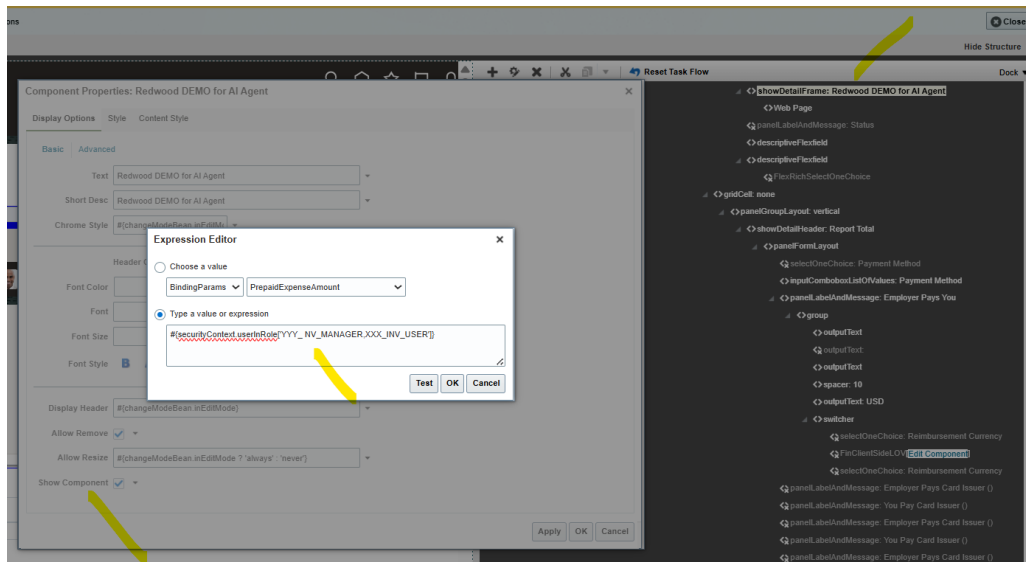
Show/hide component.

Notice that we can hide/show our component using roles. We mean show for example for new employees but hide for others.

The syntax to use SaaS roles to control who is able to see the new option would be as follows.

```
{securityContext.userInRole['YYY_NV_MANAGER,XXX_INV_USER']}
```

This should be applied here:



Conclusion

Demo showing a basic RAG example with AI Fusion features, in Redwood page and in ADF-Classic.

As of now the menu for SaaS is shown, which is not perfect, we are investigating how to remove it.

Remember is a demo for learning purposes.

Technical

Code example	Comments
	NA
	NA