

AI Agent Studio demo.

Agent Team with Agent for tools of type “Deep Link”.

How to search the URL for a Deep Link.

Introduction/Goal

Show how to create “Agent Team” including Agent with tool of type “Deep Link”.

Some reference documentation.

<https://docs.oracle.com/en/cloud/saas/applications-common/25b/oaext/deep-links.html#Where-to-Find-Information-About-Product-Specific-Deep-Links>

URL Pattern of Deep Links

Here's a typical URL pattern of a deep link.

```
https://<pod-name>/fndSetup/faces/deepLink?
objType=<obj ID>&objKey=<name1=value1;name2=value2>&action=<action>&returnApp=<returnappURL>&returnAppParams=<re
turnAppParameter>
```

To direct users to a product-specific action page, you need to add specific parameters to the deep link URL. This table describes the parameters and gives you some examples of parameter values.

Parameter	Description	Example of Parameter Values
pod-name	The host name.	pod.oraclecloud.com
objType	The object type, such as work areas.	SUPPLIER
objKey	The object identifier.	SupplierNumber
action	<div>The action that users can do on the page that the URL opens up, for example to edit something.</div> <div>Here are a few things to know:</div> <ul style="list-style-type: none">• If you don't add any value for the action parameter, this value is considered as NONE by default. So users will be taken to a high-level page, such as an overview page or a search page.• If the value you added for the action parameter doesn't match with any action on the UI, or the user doesn't have the privileges to access that action, they will be taken to a high-level page.	<div>NONE</div> <div>VIEW</div> <div>CREATE</div> <div>EDIT</div>
returnAppURL	<div>The application URL where users will be automatically redirected to when they try to return to the previous page, or after they complete their task.</div> <div>If you're using a third party URL, make sure the application name is registered using the Manage Integration of Additional Applications page in the Setup and Maintenance work area.</div>	MyOracle
returnAppParams	Parameters for the return application URL.	type=photo

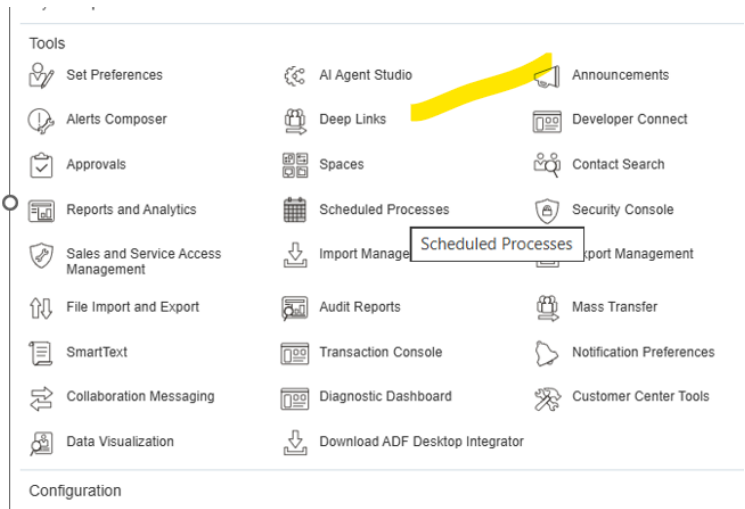
Preparatory steps.

The user to follow this demo will need the proper roles (outside the scope of this document).

Analyze-investigate how to compose the Deep Link URL.

We are going to play with the navigation to the page for Purchase Orders, Redwood version.

Here in SaaS, you could search in Tools menu:



After filtering.



But, notice at the time of this writing, the list shows ADF-Classic pages, and we want to navigate to new **Redwood page**.

If not found in above in screen shown, where to find it?

In Customer Connect “Parag Hiremath” propose this query to help with the task:

```
select fdll.object_type
      , fat.module_name
      , fatt.user_module_name
      , fatt.description
      , fdll.vb_metadata
      , fdll.page_type
      , fdll.action
      , fdll.global_item_node_id
      , fdll.taskflow_id
      , fdll.taskflow_label
      , fdll.taskflow_params
      , fdll.seed_data_source
      , upper(regexp_substr(fdll.seed_data_source, '[^/]+', 1, 1)) module
      , fdll.mobile_enabled
      , to_char(fdll.creation_date, 'yyyy-mm-dd hh24:mi:ss') creation_date
      , fdll.created_by
      , to_char(fdll.last_update_date, 'yyyy-mm-dd hh24:mi:ss') last_update_date
      , fdll.last_updated_by
from fnd_deep_link_list fdll
join fnd_appl_taxonomy fat on fdll.module_id = fat.module_id
join fnd_appl_taxonomy_tl fatt on fatt.module_id = fat.module_id and fatt.language =
userenv('lang')
where 1 = 1
      and (lower(fdll.object_type) like '%redwood%'
            or lower(fdll.page_type) like '%redwood%'
            or lower(fdll.vb_metadata) like '%redwood%'
            or lower(fdll.taskflow_label) like '%redwood%')
```

After building a quick BI-Publisher report, we have not found our deep link for Purchase Orders Redwood.

What else can we do?

Review in AI Agent Studio in Business Objects tab, in demo instances if you have similar deep link available to copy from.

We have not found what we searched, but we found these 2 interesting samples for future use:

Parameter Name	Description	Data Type	Sample Value
InvoiceId	The Internal ID of the Invoice	string	300000136616859

```
/fscmUI/faces/deeplink?objType=AP_VIEWINVOICE&action=VIEW&objKey=InvoiceId={InvoiceId}
```

Edit deeplink - AR Transaction View Link

Family FIN	Product Other
Name AR Transaction View Link	Code ORA_FIN_OTHER_ARTRANSACTIONVIEWLINK
Relative url <code>/fscmUI/faces/deeplink?objType=AR_TRANSACTION&action=EDIT&objKey=transactionNumber={TransactionNumber};buName=</code>	Description A link allowing a user to view AR Invoice Details
Message Click {deeplink} for details of this Transaction	

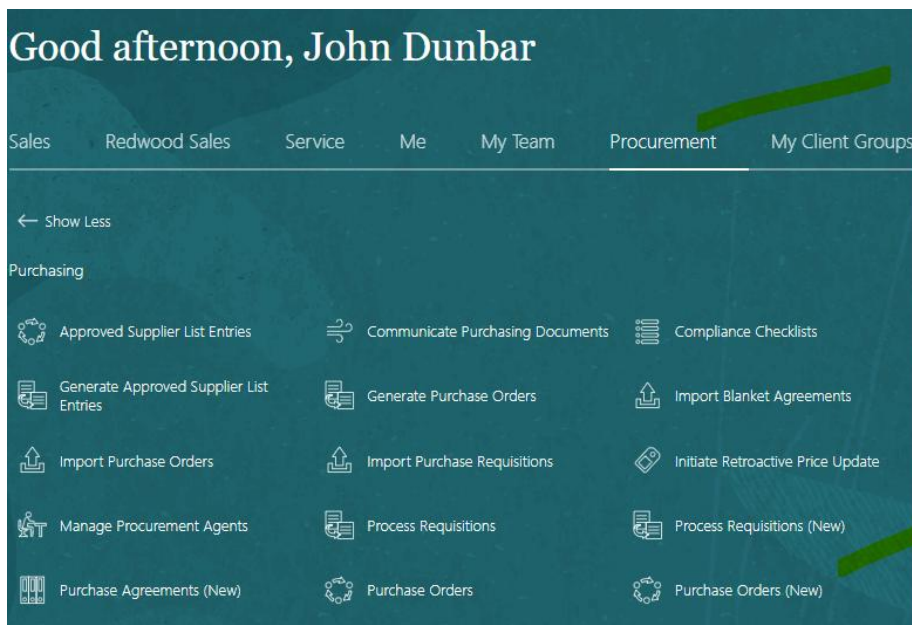
Parameter Name	Description	Data Type	Sample Value
TransactionNumber	The Transaction Number	string	36765

`/fscmUI/faces/deeplink?objType=AR_TRANSACTION&action=EDIT&objKey=transactionNumber={TransactionNumber};buName=`

Recommended to keep both.

As we cannot find Deep Link to copy data for our purchase orders, what else can we do?

In our case we will try to find using this approach, navigate and query one Purchase Order on Redwood page.



After querying, click on one purchase order.

Purchase Orders

Invoice Holds: 2 Overdue: 131 Draft and Rejected: 36 Processing Errors: 1

Try an order number, supplier, or item

Purchase Orders All Requisitioning BU Order Status Buyer Supplier Filters

3076 items

Edit Duplicate Communicate More Actions Orders Schedules Download Print

Order	Order Status	Order Description	Supplier	Total	Buyer	Requisition	Requisition BU
US165180	Open	Tools costs	EcoSupply	29.53 USD	Calvin Roth	204153	US1 Busine
US165179	Open	Tools costs	Midtown Computer Supplies	610.00 USD	Calvin Roth	204153	US1 Busine
US165178	Open	Tools costs	Office Depot	59.07 USD	Calvin Roth	204153	US1 Busine
US165159	Closed	Marketing Assistance	EIP Inc	92,845.05 USD	Calvin Roth		US1 Busine
US165160	Closed	Exhibition Fees	EIP Inc	247,588.26 USD	Calvin Roth		US1 Busine

Purchase Orders Action Status

Get the URL above in your browser.

Purchase Order US165180 Open

Old-to Legal Entity: US1 Legal Entity Creation Date: 9/19/25 Order Date: 9/19/25

Highlights (generated by AI)
The purchase order includes recycled plastic scissors.

Supplier EcoSupply	Supplier Site EcoSupply US1	Buyer Calvin Roth	Total 29.53 USD
Ship-to Location eattle	Requester Calvin Roth	Description Tools costs	

Paste in notepad and analyze:

<https://fa-zzzz-saasfademo1.ds-fa.oraclepdemos.com/fscmUI/redwood/purchase-orders/view?intent=POUser&poHeaderId=300000313731051&selectedTab=schedulesTab>

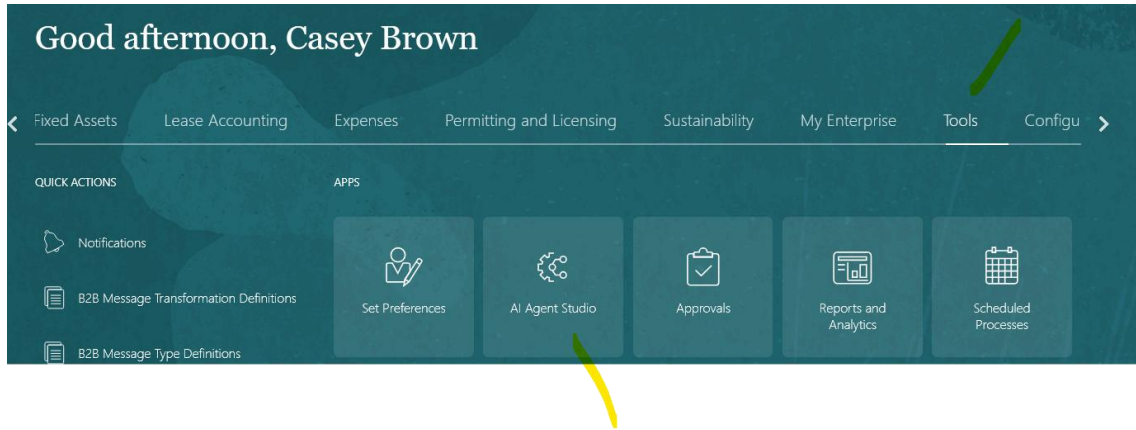
Then, isolate the suffix after the POD prefix:

```
/fscmUI/redwood/purchase-
orders/view?intent=POUser&poHeaderId=300000313731051&selectedTab=sched
ulesTab
```

Then prepare for our Deep Link.

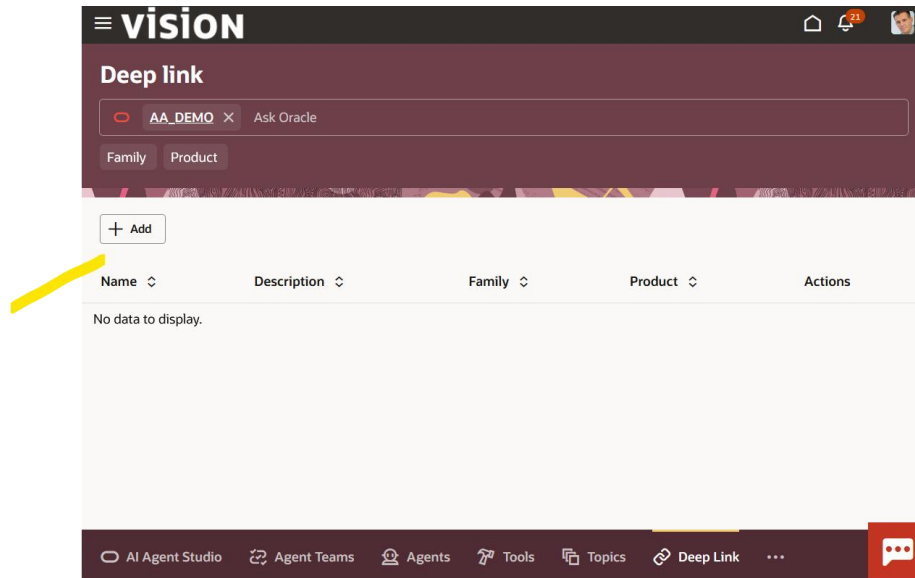
/fscmUI/redwood/purchase-orders/view?intent=POUser&poHeaderId={poHeaderId}&selectedTab=schedulesTab

Now we can start our demo, access AI Agent Studio.



Steps.

1. Navigate to proper tab (below) and create the Deep Link using “Add” button



Notice parameter below:

The screenshot shows the 'Create a new deeplink' form. It has a title bar with 'Cancel' and 'Create' buttons. The form contains several input fields: 'Family' (dropdown menu with 'PRC' selected), 'Product' (dropdown menu with 'Purchasing' selected), 'Name' (text input with 'AA_DEEP_LINK_01'), 'Code' (text input with 'ORA_PRC_PURCHASING_AADEEPLINK01'), 'Relative url' (text input with 'intent=POUser&poHeaderId={poHeaderId}&selectedTab=schedulesTab'), 'Description' (text input with 'Demo PO'), and 'Message' (text input with 'Click {deepLink} for details.'). Below these fields, there's a table with columns: Parameter Name, Description, Data Type, and Sample Value. The table has one row with 'poHeaderId' as the parameter name and 'string' as the data type.

/fscmUI/redwood/purchase-orders/view?intent=POUser&poHeaderId={poHeaderId}&selectedTab=schedulesTab

In our testing when saving we got this error.

Let's follow detailed instructions after getting these errors.

Create a new deeplink

❗ The parameter 'poHeaderId' has no sample value. Please provide a valid sample value.

❗ The parameter 'poHeaderId' has no description. Please provide a valid description.

Family PRC	Product Purchasing
Name AA_DEMO_PO_DL_01	Code ORA_PRC_PURCHASING_AADEMOPDL01
Relative url redwood/purchase-orders/view?intent=POUser&poHeaderId={poHeaderId}&selectedTab=schedulesTab	Description Demo
Message Click {deepLink} for details.	

Parameter Name	Description	Data Type	Sample Value
poHeaderId	Demo	string	1

So, let us add the required information and save.

- To create the tool, navigate to proper “Tools” tab, and click “Add”.

VISION

Tools Library

AAXX X Family CX X Search by tool name, code, or description

Product Tool Type Created By Created On

0 items + Add

Tool Name	Description	Tool Code	Type	Family	Actions
There is nothing here so far.					

AI Agent Studio Agent Teams Agents **Tools** Topics Deep Link Business Object

Fill in this data.

AA_TOOL_PO_DL_01

Cancel

Create

Tool Type
Deep Link

Tool Name
AA_TOOL_PO_DL_01

Tool Code
AATOOLPODL01

Family

Product

Description
Demo

Require human approval

AI Agent Studio

Agent Teams

Agents

Tools

Topics

Deep Link

Business Object

Filter and select the record for your DeepLink and click “Add” below.

Add a deep link

PO_DL

×

Search by deep link name or description

Family

Product

1 item

Name

Family

Product

AA_DEMO_PO_DL_01

PRC

Purchasing

Cancel


Add

Require human approval

☐








Enable if you want human approval before running the tool.

Deep link

AA_DEMO_PO_DL_01 

Message


Click {deepLink} for details.

B I U       

AI Agent Studio Agent Teams Agents Tools Topics Deep Link Business Object

Then click “Create” button above.

3. Create the Agent Team. Navigate to proper tab and fill in the data.

AA_AGENT_TEAM_PO_DL 

Details LLM Questions Security

Agent Team Name
AA_AGENT_TEAM_PO_DL

Agent Team Code
AAAGENTTEAMPODL

Family
PRC

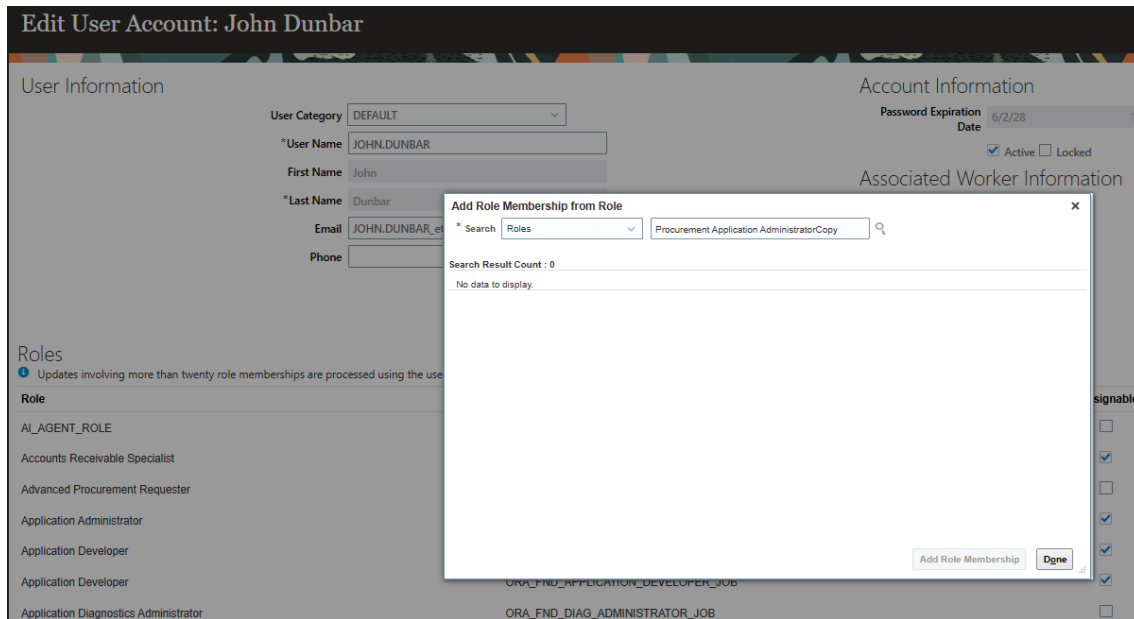
Product
Purchasing

Maximum Interactions
10

Description
Demo

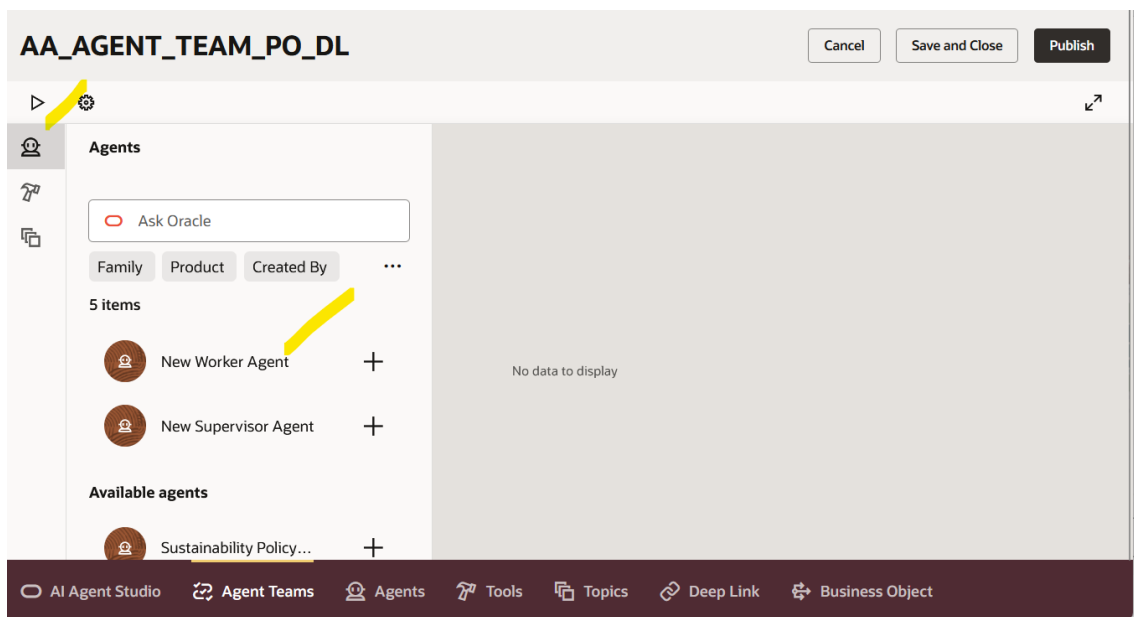
Cancel Create

Make sure your user has this role or similar to being able to query purchase orders:



We will create the Agent for our tool “on the fly” in our Agent Team.

Click as shown.



Fill in the data.

AA_AGENT_PO_DL

Worker Agent

Details

LLM

Agent Name

AA_AGENT_PO_DL

Agent Code

AAAGENTPODL

Family

PRC

Product

Purchasing

Maximum Interactions

10

Description

Demo

Cancel

Create

Prompt

Enter Po Header Id

Cancel

Create

Click on Create and we will get this.

vision

Cancel

Save and Close

Publish

AA_AGENT_TEAM_PO_DL

Agents

Ask Oracle

Family Product Created By

5 items

New Worker Agent

New Supervisor Agent

Available agents

Sustainability Policy...

AA_AGENT_PO_DL

Demo

Tools(0)

Topics(0)

AI Agent Studio

Agent Teams

Agents

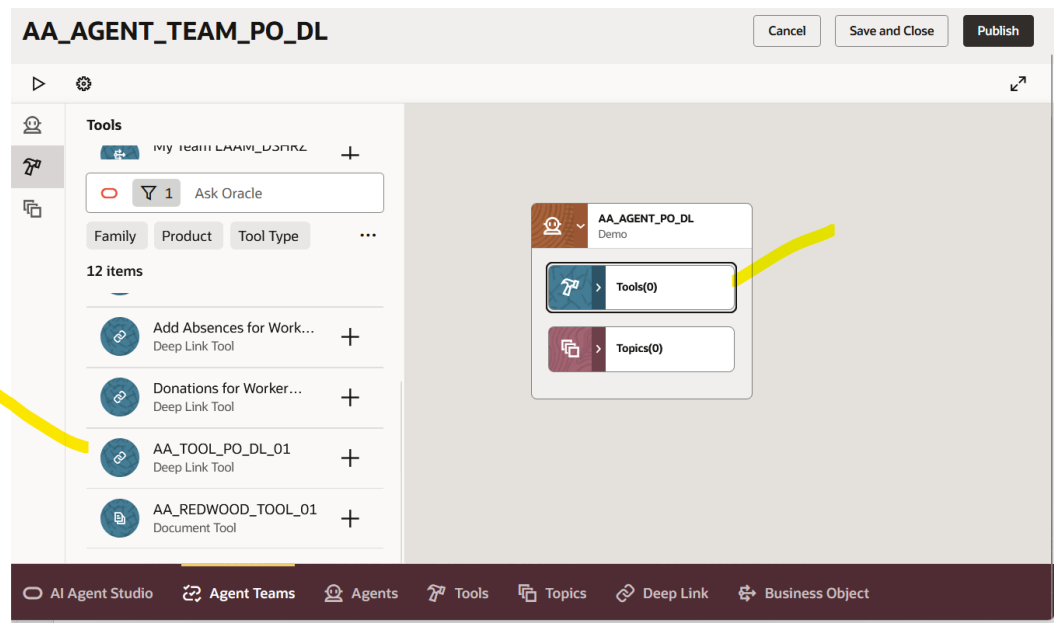
Tools

Topics

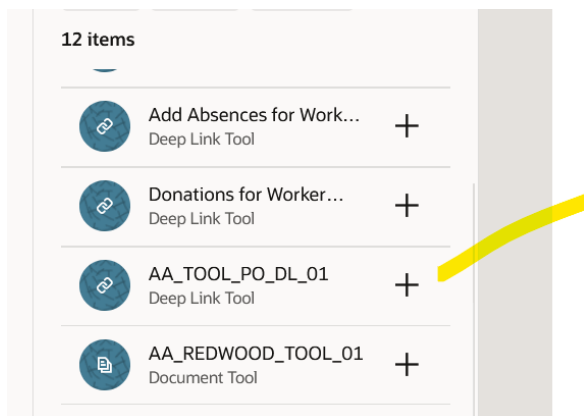
Deep Link

Business Object

Now, select “Tools” and use the filter to be able to add your tool.



Click on (+) Plus icon.



Then Add.

AA_TOOL_PO_DL_01

Deep Link Tool

Tool Type

Deep Link

Tool Code

AAToolPODL01

Product

Purchasing

Description

Demo

Require human approval

☐

Tool Name

AA_TOOL_PO_DL_01

Family

PRC

Deep link

AA_DEMO_PO_DL_01

Message

Click {deepLink} for details

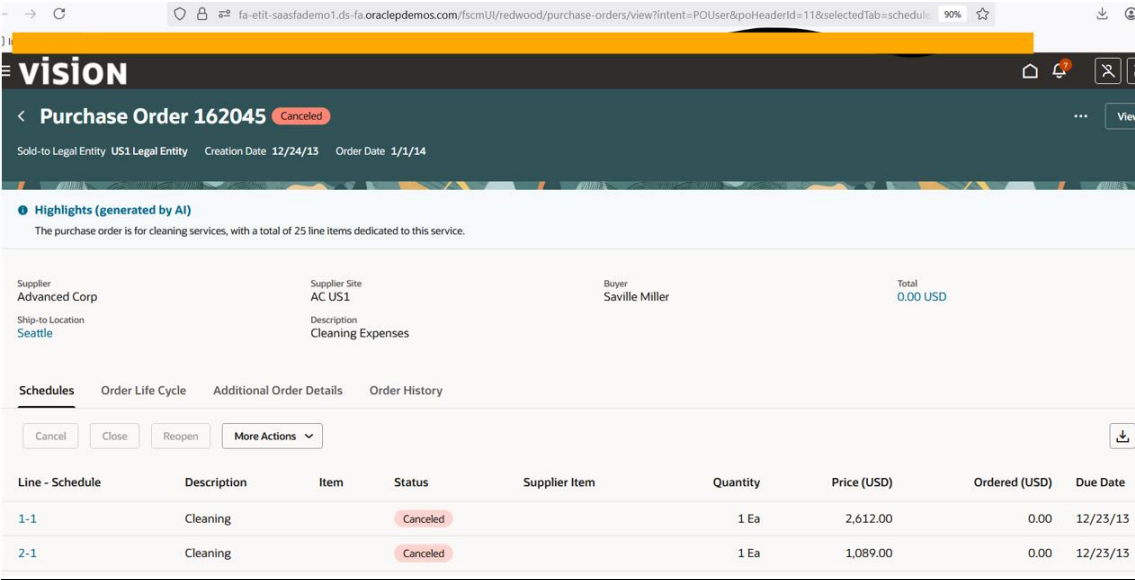
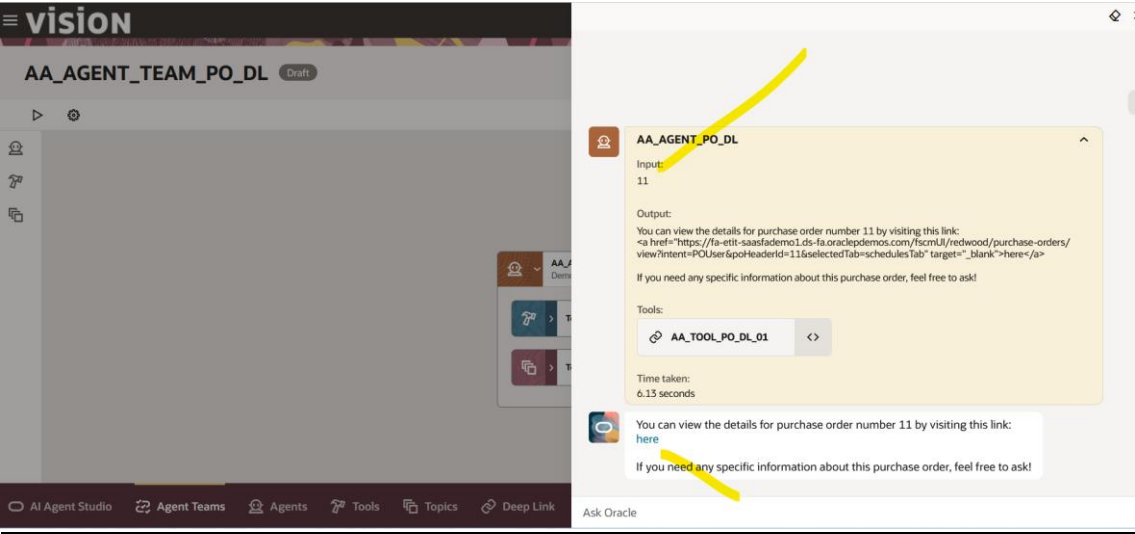
Cancel

Add

Then “Save and Close”.

Test.

Click on above-left triangle icon for unit testing.



Conclusion.

We are now able to search Deep links in SaaS, reviewing documentation and the system.

We also know how to build an Agent Team containing an Agent with a tool of type “Deep link”.

We are aware that the user will not know the Purchase Order Id.

This demo is for learning purposes; in a future chapter we will combine additional tools to get a complete user friendly flow.

This would be a brick to build in the coming chapters more complex artifacts.

Technical

Code example	Comments
NA	NA