

**Problem** – Items details not getting displayed after adding navigation annotation(@UI.identification) in CDS view in Fiori List Reports.

**Scenario** –

Create a CDS view to display list report in Fiori using Fiori elements. Add annotation @UI.lineItem.. to display table columns in the list report.

```

1 @AbapCatalog.sqlViewName: 'ZLISTREPORT_V'
2 @AbapCatalog.compiler.compareFilter: true
3 @AbapCatalog.preserveKey: true
4 @AccessControl.authorizationCheck: #CHECK
5 @EndUserText.label: 'List Report for Fiori'
6 @OData.publish: true
7
8 define view ZLISTREPORT as select from zrebate_std {
9     key id,
10    @UI.lineItem: [{position: 10 }]
11    district,
12    @UI.lineItem: [{position: 20 }]
13    state,
14    @UI.lineItem: [{position: 30 }]
15    city,
16    @UI.lineItem: [{position: 40 }]
17    customername,
18    @UI.lineItem: [{position: 50 }]
19    material,
20    @UI.lineItem: [{position: 60 }]
21    materialdesc
22 }
23

```

After activating OData service in backend system and creating a project in SAP WEBIDE using List Report Template with SAP Fiori elements, the list report displays records as shown below:

< List Report

Standard \* ☹ Hide Filter Bar Filters Go

Standard ☹ ⚙

Sales District	Region	City	Name	Material	Material description	
000002	013	PUNE	JHON	000000000070001273	SEMIFINISHED	>
000002	013	PUNE	JHON	000000000070001273	SEMIFINISHED	>
000002	013	PUNE	JHON	000000000070001273	SEMIFINISHED	>
000002	013	RAMGARH	JHON	000000000070001176	FINISHED	>
000002	013	RAMGARH	JHON	000000000070001273	SEMIFINISHED	>
000009	011	HYDERABAD	ST PAUL	000000000070001176	FINISHED	>
000009	011	HYDERABAD	ST PAUL	000000000070001180	SEMI	>
000009	011	HYDERABAD	ST PAUL	000000000070001180	SEMI	>
000009	011	HYDERABAD	ST PAUL	000000000070001180	SEMI	>

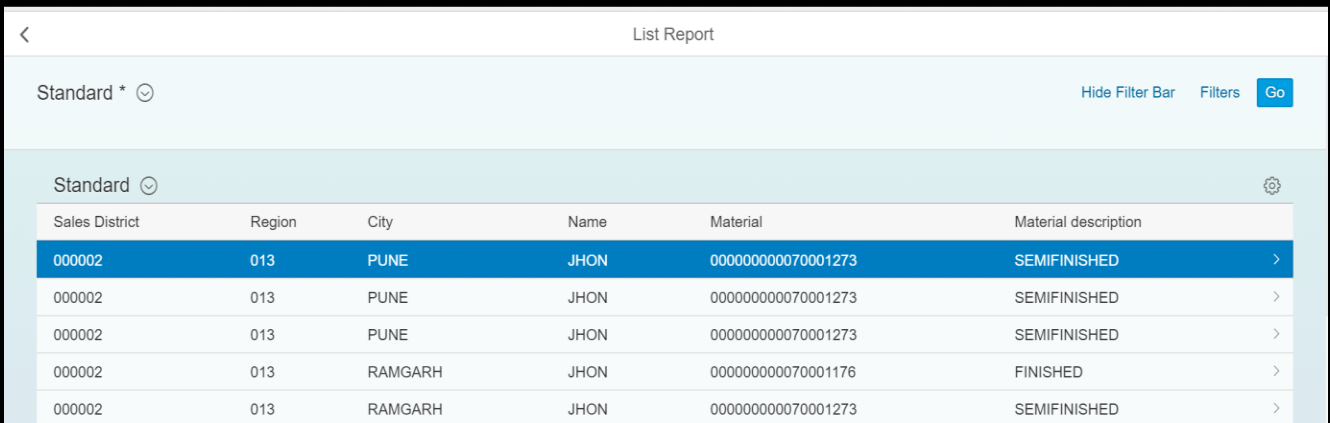
Now add navigation annotation @UI. identification in the CDS to display line item details after navigation (i.e. on click of line item). Now again activate CDS view.

```

1 @AbapCatalog.sqlViewName: 'ZLISTREPORT_V'
2 @AbapCatalog.compiler.compareFilter: true
3 @AbapCatalog.preserveKey: true
4 @AccessControl.authorizationCheck: #CHECK
5 @EndUserText.label: 'List Report for Fiori'
6 @OData.publish: true
7
8 define view ZLISTREPORT as select from zrebate_std {
9     key id,
10    @UI.lineItem: [{position: 10 }]
11    district,
12    @UI.lineItem: [{position: 20 }]
13    state,
14    @UI.lineItem: [{position: 30 }]
15    @UI.identification: [{position: 10 }]
16    city,
17    @UI.lineItem: [{position: 40 }]
18    @UI.identification: [{position: 20 }]
19    customername,
20    @UI.lineItem: [{position: 50 }]
21    @UI.identification: [{position: 30 }]
22    material,
23    @UI.lineItem: [{position: 60 }]
24    @UI.identification: [{position: 40 }]
25    materialdesc
26 }
27

```

Refresh Fiori list report page and click on any line items to navigate to display details.



Sales District	Region	City	Name	Material	Material description
000002	013	PUNE	JHON	000000000070001273	SEMIFINISHED
000002	013	PUNE	JHON	000000000070001273	SEMIFINISHED
000002	013	PUNE	JHON	000000000070001273	SEMIFINISHED
000002	013	RAMGARH	JHON	000000000070001176	FINISHED
000002	013	RAMGARH	JHON	000000000070001273	SEMIFINISHED

Item details were not getting displayed. Instead a blank screen was getting displayed.



## Solution

On analyzing and comparing the annotation file generated for the project, there were some missing xml code related to navigation annotation under annotations.xml file of the Web Ide project.

Now we will compare two Projects suppose Project 1 and Project 2 and its annotation.xml File.

XML annotation code of the project where item details are not getting displayed (let's say project 1):

```
<?xml version="1.0" encoding="utf-8"?>
<edmx:Edmx xmlns:edmx="http://docs.oasis-open.org/odata/ns/edmx" Version="4.0">
  <edmx:Reference Uri="/sap/opu/odata/sap/ZLISTREPORT_CDS/$metadata">
    <edmx:Include Alias="ZLISTREPORT_CDS" Namespace="ZLISTREPORT_CDS"/>
  </edmx:Reference>
  <edmx:DataServices>
    <Schema xmlns="http://docs.oasis-open.org/odata/ns/edm" Namespace="ZNEW_LIST.ZLISTREPORT_CDS">
      <!--=====
      Entity Type from chosen collection
      =====-->
    </Schema>
  </edmx:DataServices>
</edmx:Edmx>
```

XML annotation code of other project where item details are working fine on click of line item (let's say project 2:

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <edmx:Edmx xmlns:edmx="http://docs.oasis-open.org/odata/ns/edmx" Version="4.0">
3   <edmx:Reference Uri="/sap/bc/ui5_ui5/ui2/ushell/resources/sap/ushell/components/factsheet/vocabularies/UI.xml">
4     <edmx:Include Alias="UI" Namespace="com.sap.vocabularies.UI.v1"/>
5   </edmx:Reference>
6   <edmx:Reference Uri="/sap/opu/odata/sap/ZH33_REBLIST_CDS/$metadata">
7     <edmx:Include Alias="ZH33_REBLIST_CDS" Namespace="ZH33_REBLIST_CDS"/>
8   </edmx:Reference>
9   <edmx:Reference Uri="https://wiki.scn.sap.com/wiki/download/attachments/448470974/Common.xml?api=v2">
10    <edmx:Include Alias="Common" Namespace="com.sap.vocabularies.Common.v1"/>
11  </edmx:Reference>
12  <edmx:DataServices>
13    <Schema xmlns="http://docs.oasis-open.org/odata/ns/edmx" Namespace="H33listreport.ZH33_REBLIST_CDS">
14      <!--=====
15      Entity Type from chosen collection
16      =====-->
17      <Annotations Target="ZH33_REBLIST_CDS.ZH33_REBLISTType">
18        <Annotation Term="UI.Facets">
19          <Collection>
20            <Record Type="UI.CollectionFacet">
21              <PropertyValue Property="ID" String="GeneralInformation"/>
22              <PropertyValue Property="Label" String="{@i18n>>@GeneralInfoFacetLabel}"/>
23              <PropertyValue Property="Facets">

```

Now add below xml code to the annotation file of the project where item details are not getting displayed (Project 1 in this case). Refer to the above diagram and add the below code at the specified position:

```

<edmx:Reference
Uri="/sap/bc/ui5_ui5/ui2/ushell/resources/sap/ushell/components/factsheet/vocabularies/UI.xml">
  <edmx:Include Alias="UI" Namespace="com.sap.vocabularies.UI.v1"/>
</edmx:Reference>

```

Also add the below missing piece of code to be added after start of <Schema.. tag:

```
<Annotations Target="ZLISTREPORT_CDS.ZLISTREPORTType">
```

(Basically **Odata Service Name.CDS View concatenated with Type** => So if the CDS view name is ZG33\_LIST Then we need to specify **ZG33\_LIST\_CDS.ZG33\_LISTType**)

```

<Annotation Term="UI.Facets">
  <Collection>
    <Record Type="UI.CollectionFacet">

```

```



<PropertyValue Property="ID" String="GeneralInformation"/>
<PropertyValue Property="Label" String="{@i18n>@GeneralInfoFacetLabel}"/>
<PropertyValue Property="Facets">
  <Collection>
    <Record Type="UI.ReferenceFacet">
      <PropertyValue Property="Label" String="{@i18n>@GeneralInfoFacetLabel}"/>
      <PropertyValue Property="Target" AnnotationPath="@UI.Identification"/>
    </Record>
  </Collection>
</PropertyValue>
</Record>
</Collection>
</Annotation>
</Annotations>

```

**The above piece of code is just for @UI.identification annotation incase if the Annotation.xml file is not getting refreshed automatically with the above pieces of code.**

Now once the changes are done save the xml code. Refresh the Fiori list report page application.

Click on any line item, now the item details will get displayed as shown below.



<

**GENERAL INFORMATION**

General Information

City:  
PUNE

Name:  
JHON

Material:  
000000000070001273

Material description:  
SEMIFINISHED

