

# Blog

## How to create overview page along with list card

📅 January 23, 2019    👤 Sravya GAJAVELLI    📄 Enterprise Solutions

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### Step-1:

Login to SAP Web IDE.

### Step-2:

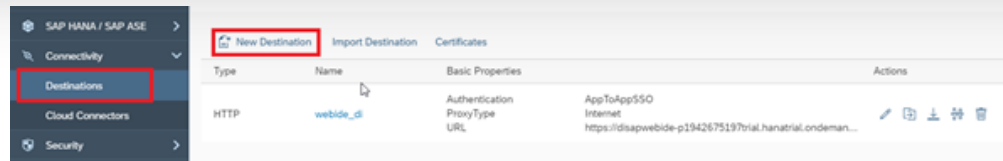
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- In the Destinations page, click on New Destination button.



- We need to give the following properties to add the Northwind destination file.

Name:	Northwind
Type:	HTTP
Description:	Northwind OData Service
URL:	http://services.odata.org
Proxy Type:	Internet
Authentication:	NoAuthentication
<b>Additional Properties</b>	
WebIDEEEnabled	True
WebIDESystem	Northwind_Data
WebIDEUsage	odata_gen

- Click on save button after entering all the properties as shown in the below screenshot.

Destination Configuration

\*Name: Northwind

Type: HTTP

Description: Northwind OData Service

\*URL: http://services.odata.org

Proxy Type: Internet

Authentication: NoAuthentication

Additional Properties

WebIDEEEnabled: true

WebIDESystem: Northwind\_Data

WebIDEUsage: odata\_gen

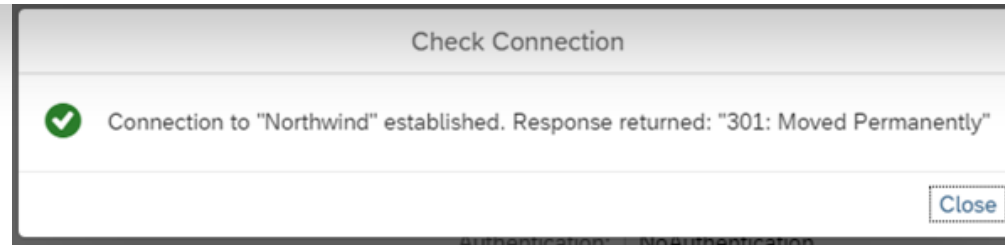
Save Cancel

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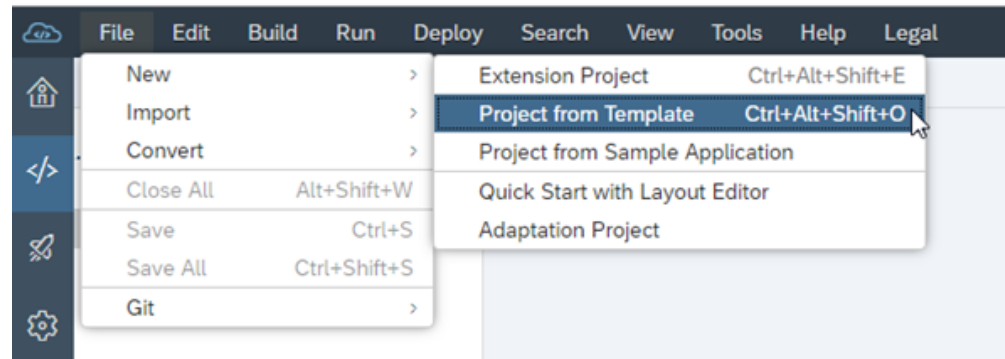
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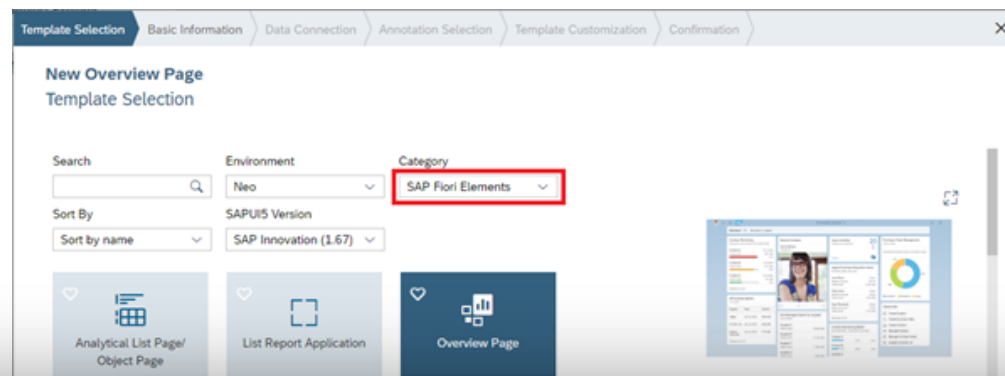
### Step-3:

Now I am going to create a new project by selecting **New Project from Template**



### Step-4:

Choose **Fiori Overview Application** template and press **Next** button.



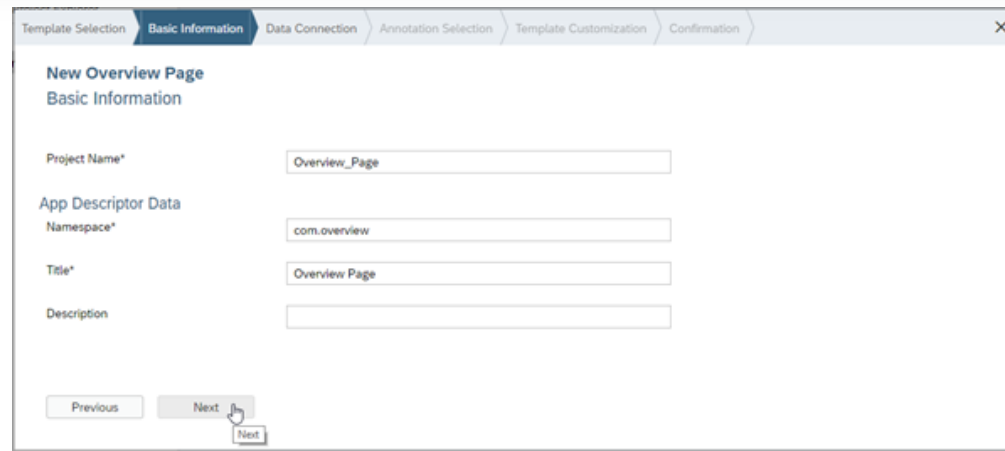
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In the Basic Information tab, give the project details like Project Name, Namespace, Title, Description and press Next button.

The screenshot shows a dialog box titled 'New Overview Page' with a 'Basic Information' tab selected. The dialog has a progress bar at the top with steps: Template Selection, Basic Information (active), Data Connection, Annotation Selection, Template Customization, and Confirmation. Below the title, there are four input fields: 'Project Name\*' with the value 'Overview\_Page', 'App Descriptor Data Namespace\*' with the value 'com.overview', 'Title\*' with the value 'Overview Page', and 'Description' which is empty. At the bottom, there are 'Previous' and 'Next' buttons. A mouse cursor is hovering over the 'Next' button, and a small 'Next' tooltip is visible.

Here I gave, Project Name as "Overview\_Page"

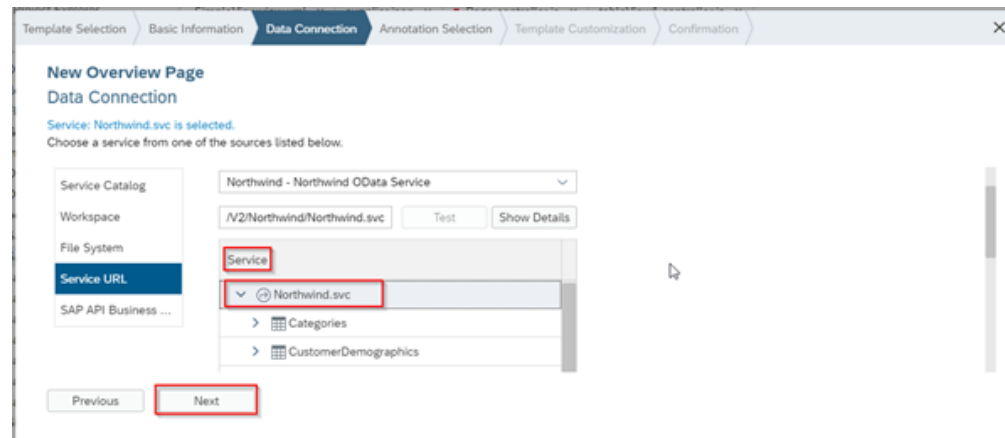
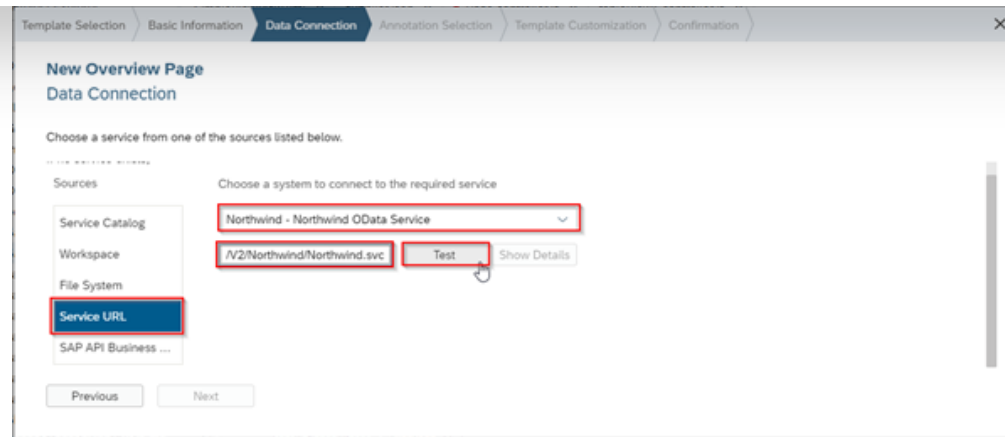
Namespace as "com.overview"

Title as "Overview Page"

#### Step-6:

Now in data connection tab, choose **Service URL** from Sources and select **Northwind OData Service** from drop down. Then we need to give northwind url and press "Test" button as shown below. If success, It will show the service and entities belong to that service when we click on test button.

Here, I gave the url as **"/V2/Northwind/Northwind.svc/"** and selected the northwind service and entity as "Employees". After that press Next button.



#### Step-7:

Leave the annotation selection tab for now, we will add the annotation file afterwards. Click on Next button.

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#### Step-8:

In Template Customization tab, give Data source alias as **“NorthwindModel”** and EntityType for Filter as **“Employee”**. Press Finish button. An application will be created in the workspace.

#### Step-9:

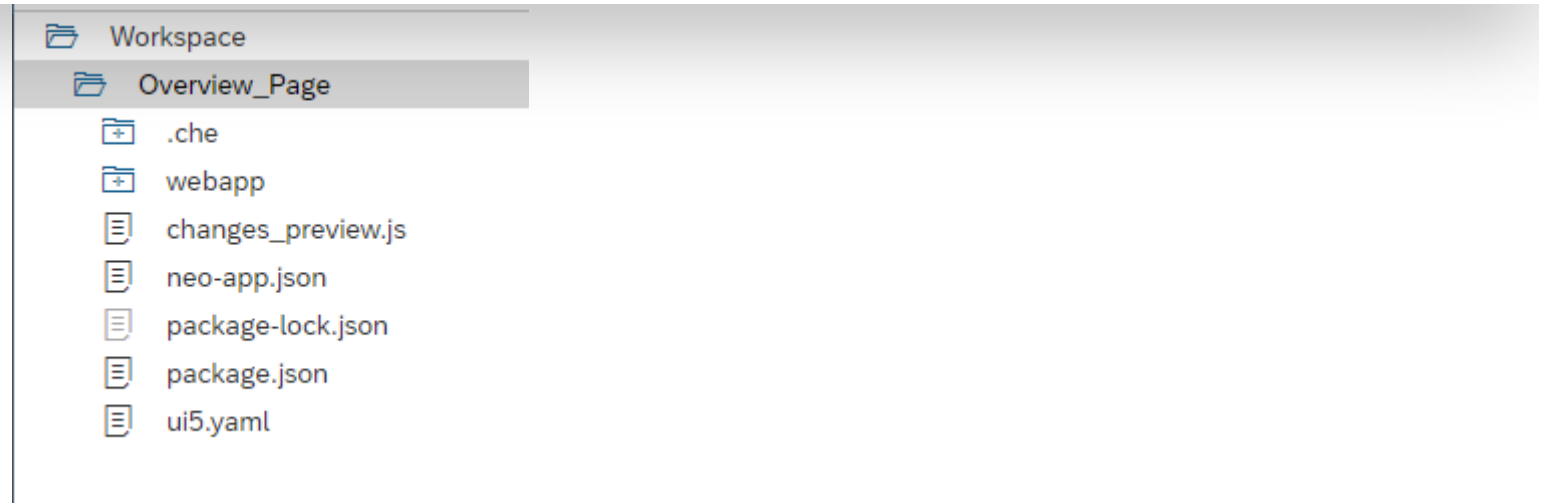
The Application is created as shown below.

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#### Step-10:

##### Annotation file creation:

Now our next step is to create an Annotation file. For that we need to do the following steps.

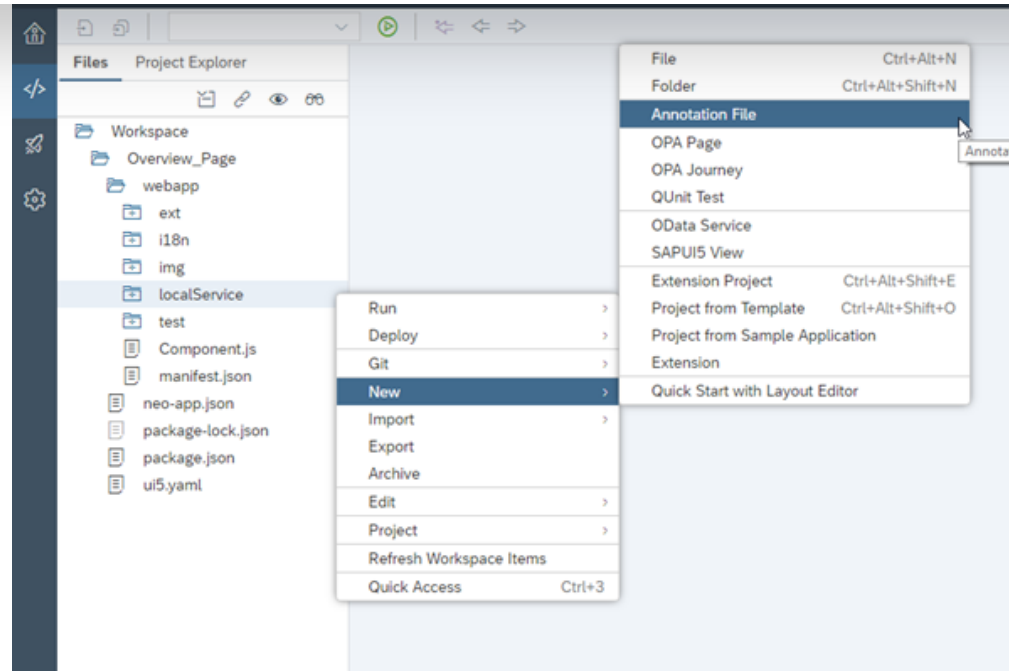
Right click on **localService** folder and select New -> Annotation File

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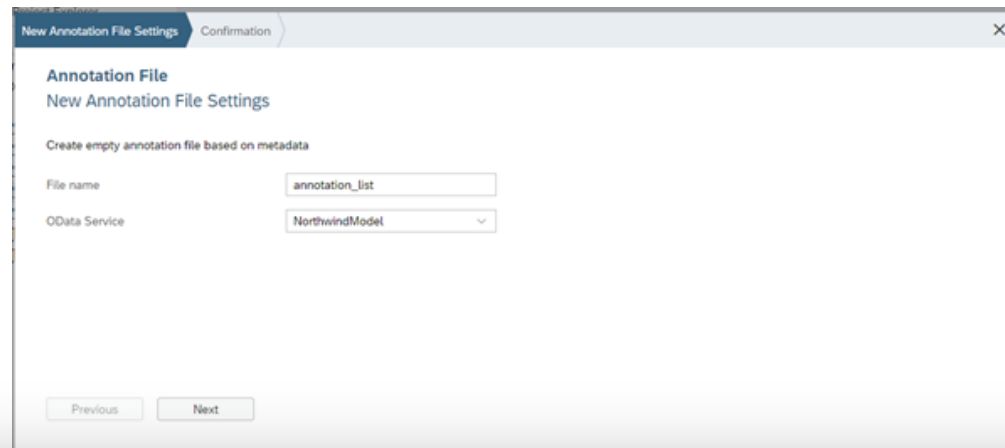
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#### Step-11:

Name the annotation file as **“annotation\_list”** and choose **oData Service**. Click on Next button.



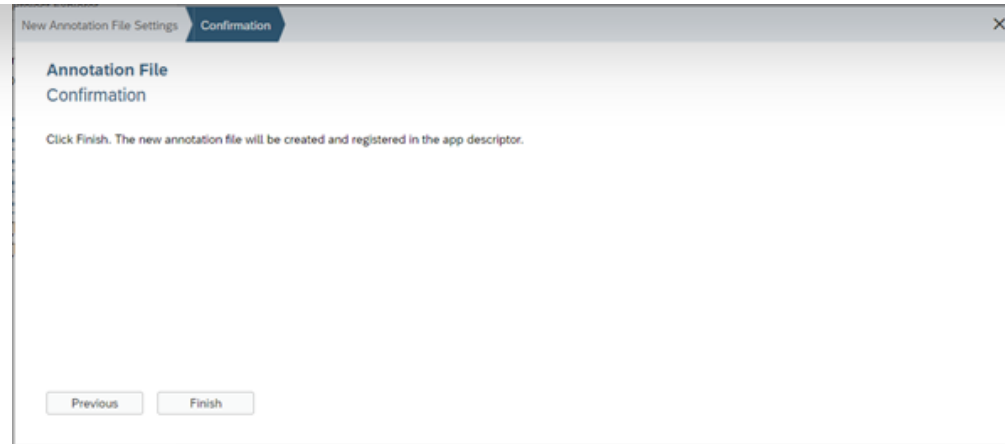
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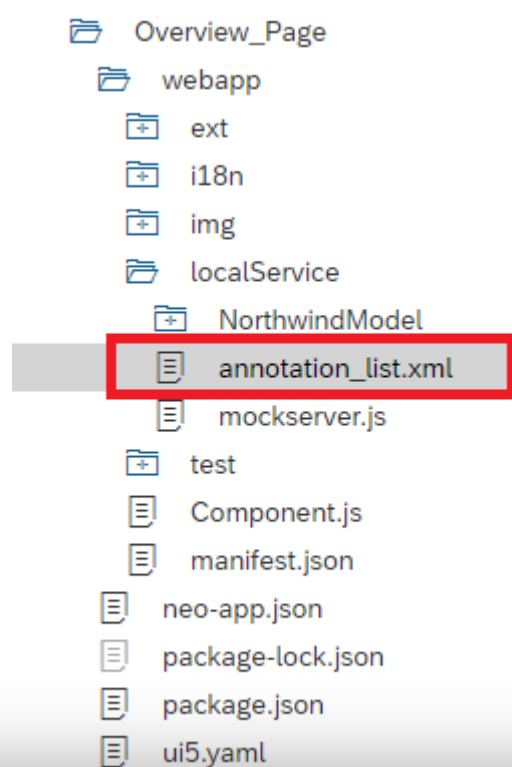
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Now we can see the Annotation file created under the folder localService.



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```
<edmx:Edmx
  xmlns:edmx="http://schemas.microsoft.com/ado/2007/06/edmx"

  xmlns:m="http://schemas.microsoft.com/ado/2007/08/dataservic
es/metadata"
  xmlns:sap="http://www.sap.com/Protocols/SAPData"
  Version="1.0">
  <edmx:Reference
    xmlns:edmx="http://docs.oasis-open.org/odata/ns/edmx"
    Uri="http://docs.oasis-open.org/odata/odata-data-
aggregation-
ext/v4.0/cs02/vocabularies/Org.OData.Aggregation.V1.xml">
    <edmx:Include Alias="Aggregation"
  Namespace="Org.OData.Aggregation.V1"/>
  </edmx:Reference>
  <edmx:Reference
    xmlns:edmx="http://docs.oasis-open.org/odata/ns/edmx"
    Uri="http://docs.oasis-
open.org/odata/odata/v4.0/errata03/os/complete/vocabularies/
Org.OData.Capabilities.V1.xml">
    <edmx:Include Alias="Capabilities"
  Namespace="Org.OData.Capabilities.V1"/>
  </edmx:Reference>
  <edmx:Reference
```

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```

70974/Common.xml?api=v2">
    <edmx:Include Alias="Common"
Namespace="com.sap.vocabularies.Common.v1"/>
</edmx:Reference>
<edmx:Reference
    xmlns:edmx="http://docs.oasis-open.org/odata/ns/edmx"

Uri="https://wiki.scn.sap.com/wiki/download/attachments/4484
70971/Communication.xml?api=v2">
    <edmx:Include Alias="vCard"
Namespace="com.sap.vocabularies.Communication.v1"/>
</edmx:Reference>
<edmx:Reference
    xmlns:edmx="http://docs.oasis-open.org/odata/ns/edmx"
    Uri="http://docs.oasis-
open.org/odata/odata/v4.0/errata03/os/complete/vocabularies/
Org.OData.Core.V1.xml">
    <edmx:Include Alias="Core" Namespace="Org.OData.Core.V1"/>
</edmx:Reference>
<edmx:Reference
    xmlns:edmx="http://docs.oasis-open.org/odata/ns/edmx"
    Uri="http://docs.oasis-
open.org/odata/odata/v4.0/errata03/os/complete/vocabularies/
Org.OData.Measures.V1.xml">
    <edmx:Include Alias="CQP"

```

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```

xmlns:edmx="http://docs.oasis-open.org/odata/ns/edmx"

Uri="https://wiki.scn.sap.com/wiki/download/attachments/4484
70968/UI.xml?api=v2">
  <edmx:Include Alias="UI"
Namespace="com.sap.vocabularies.UI.v1"/>
  </edmx:Reference>
  <edmx:DataServices m:DataServiceVersion="2.0">
    <Schema
      xmlns="http://docs.oasis-open.org/odata/ns/edm"
      Namespace="NorthwindModel" sap:schema-version="1">
      <Annotations
        xmlns="http://docs.oasis-open.org/odata/ns/edm"
        Target="NorthwindModel.Employee">
          <Annotation Qualifier="Top5Employees"
Term="UI.LineItem">
            <Collection>
              <Record Type="UI.DataField">
                <Annotation EnumMember="UI.ImportanceType/High"
Term="UI.Importance"/>
                <PropertyValue Property="Value">
                  <Apply Function="odata.concat">
                    <Path>TitleOfCourtesy</Path>
                    <String>,</String>
                    <Path>FirstName</Path>

```

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```
        </PropertyValue>
    </Record>
    <Record Type="UI.DataField">
        <Annotation EnumMember="UI.ImportanceType/High"
Term="UI.Importance"/>
        <PropertyValue Path="Title" Property="Value"/>
    </Record>
    <Record Type="UI.DataField">
        <Annotation EnumMember="UI.ImportanceType/High"
Term="UI.Importance"/>
        <PropertyValue Property="Value">
            <Apply Function="odata.concat">
                <Path>City</Path>
                <String>,</String>
                <Path>Region</Path>
                <String>,</String>
                <Path>Country</Path>
            </Apply>
        </PropertyValue>
    </Record>
</Collection>
</Annotation>
</Annotations>
</Schema>
</edmx:DataServices>
```

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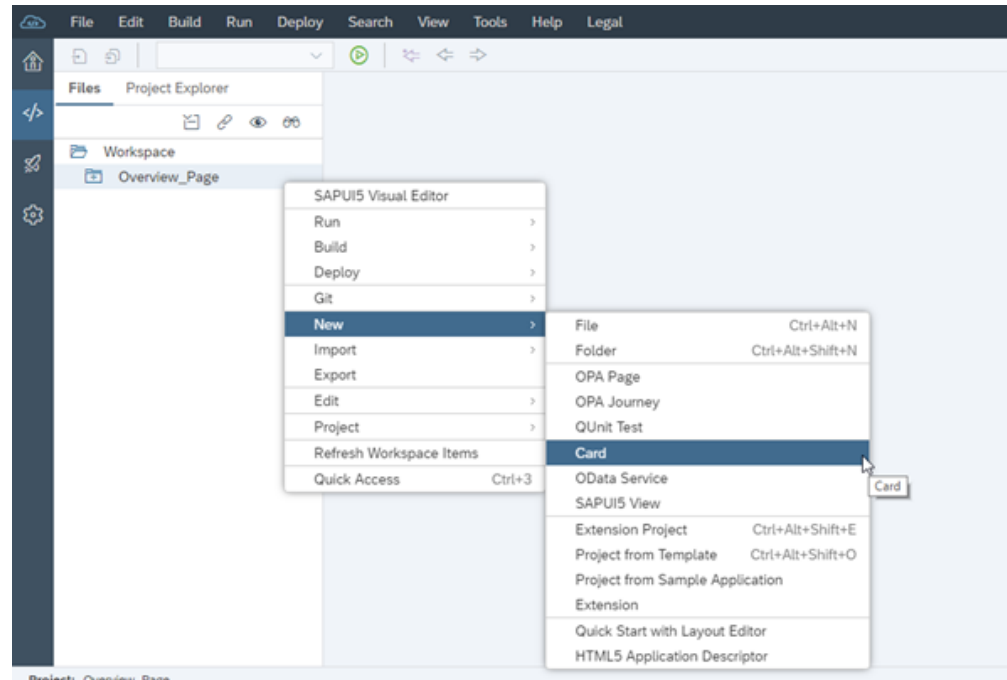
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### Step-13:

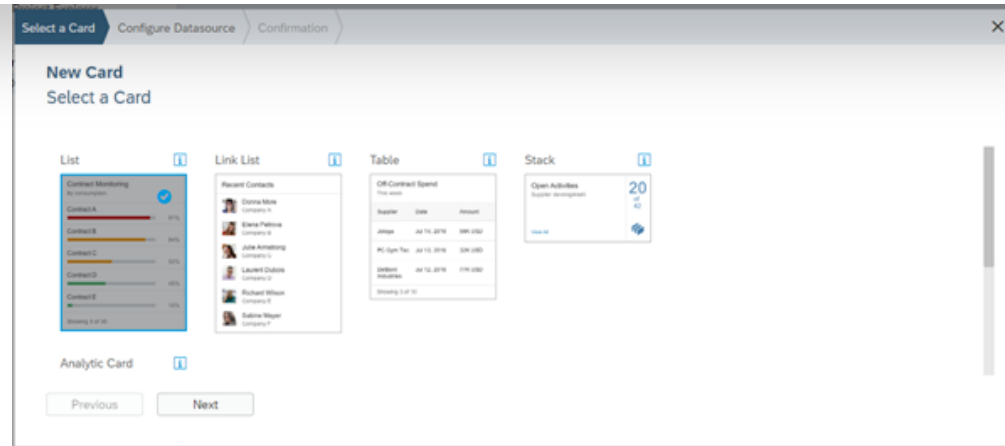
Now we can add Cards to it.

For this **Right click on application—>new—>Card**.



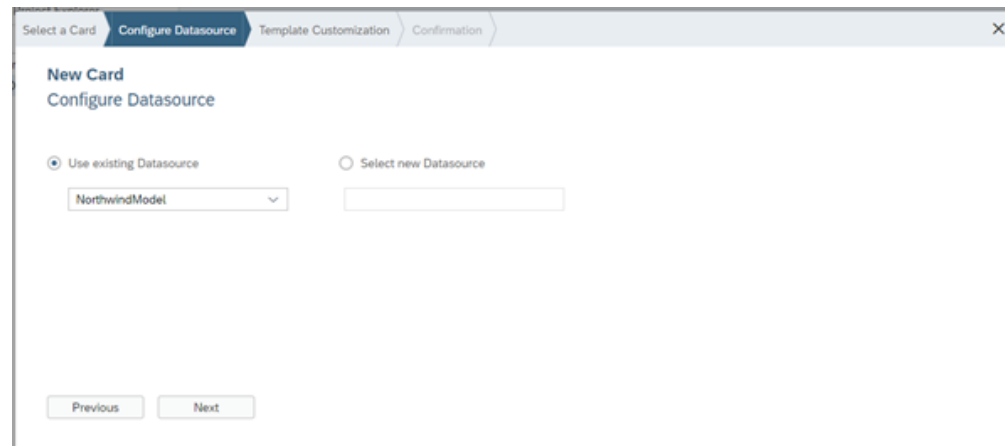
### Step-14:

Select the card. Here I am choosing List card as I want to create list card and press next button.



#### Step-15:

In the Configure Datasource tab, we will see two options. Here we can select new datasource or we can use existing datasource. I am going with our existing datasource "northwind". Choose "Use existing datasource" radio button then select "NorthwindModel". Press "Next" button.



#### Step-16:

In Template customisation section, select the Entity set we are going to use. I choose **"Employees"**. Give a title and subtitle.

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Select a Card | Configure Datasource | **Template Customization** | Confirmation

### New Card Template Customization

**General**

Entity Set\*

Title\*

Subtitle

Authorization

**Annotations**

Identification

**Contract Monitoring**  
Ranked by consumption and validity date

Contract	Duration	Value	Percentage
Contract A 10005-3345	22 months	50K USD	91%
Contract B 10005-3345	19 months	47K USD	84%
Contract C	34 months	5K USD	45%

#### Step-17:

We will see an **Annotations** section when you scroll a little bit down.

Select a Card | Configure Datasource | **Template Customization** | Confirmation

### New Card Template Customization

**Annotations**

Identification

SelectionPresentationVariant

SelectionVariant

PresentationVariant

**Annotation Path**

**Card Properties** ☐ Add OData Select

**Contract B**  
10005-3345 19 months 47K USD 84%

**Contract C**  
10005-3345 34 months 5K USD 45%

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Here we have to mention the annotation path. I am giving the annotation path as **com.sap.vocabularies.UI.v1.LineItem#Top5Employees** as I am going to show the top 5 employees on the card.

#### Step-18:

Scroll down to **Card Properties** section. Choose List Type, List Flavor, Sort by and Sort order.

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The screenshot shows a dialog box titled 'New Card' with a sub-header 'Template Customization'. The dialog has a progress bar at the top with four steps: 'Select a Card', 'Configure Datasource', 'Template Customization' (which is the active step), and 'Confirmation'. Below the header, there is a section for 'Card Properties'. It includes an 'Annotation Path' dropdown set to 'com.sap.vocabularies.UI.v1.LineItem#topError'. There is an unchecked checkbox for 'Add OData Select'. Below this are four dropdown menus: 'List Type' set to 'Extended', 'List Flavor' set to 'Standard', 'Sort By' set to 'TitleOfCourtesy', and 'Sort Order' set to 'Descending'. At the bottom, there are 'Previous' and 'Next' buttons.

Click on Finish Button.

The screenshot shows the same dialog box, but now the 'Confirmation' step is active. The sub-header is 'Confirmation'. The main text area says 'A new component will be created.' At the bottom, there are 'Previous' and 'Finish' buttons.

#### Step-19:

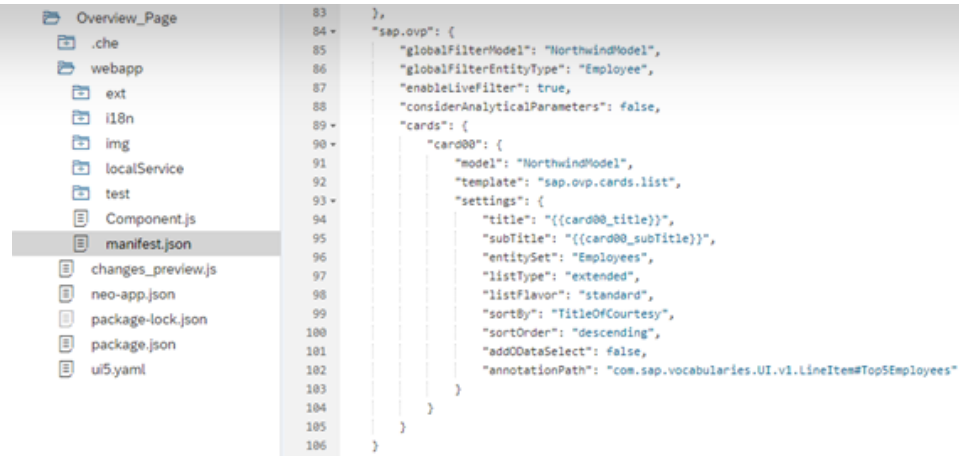
Now the card is added. While adding the card, the below code will be generated automatically by the WebIDE wizard in manifest.json file under sap.ovp section. And we can change all these properties in manifest.json cards section as shown below.

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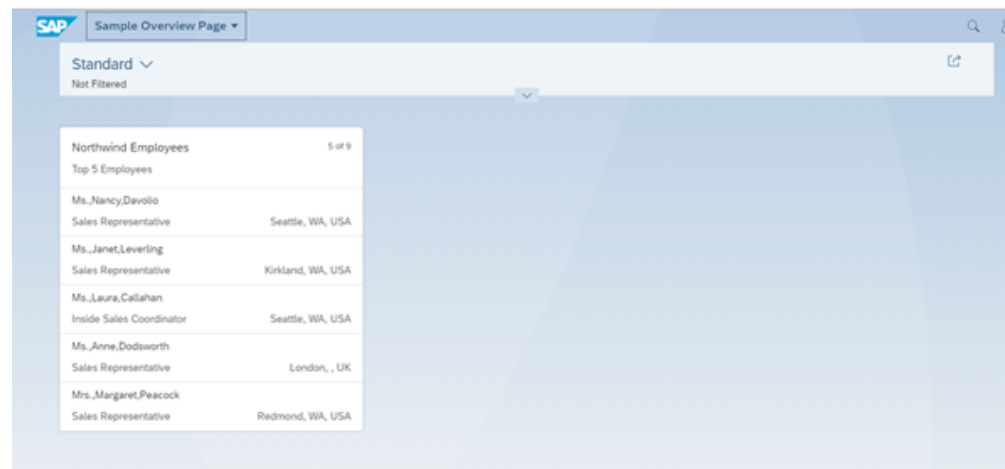
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## Step-20:

This is the output for the OVP with list card.



Similarly we can create other cards like Table card, Stack card, Analytical cards etc.

Hope this will help.

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