SAP Mobility 101

Tutorial 14 – Delete entry

# Objective of Exercise

## Build an example application

The objective of this exercise is to delete an entry from the data model

## Note

* For this tutorial we will use the mock data created in tutorial 12

# Task 1: Select the item

Create a function that will handle the event of the item selected.

select: **function**(e){

}

From the handleRowPress function we have already created, copy the following code into the function:

**var** name = sap.ui.getCore().byId("Productslist").getSelectedItem();

**var** path1 = name.oBindingContexts.data1.sPath;

**var** item = sap.ui.getCore().getModel('data1').getProperty(path1);console.log(item);

test the code to see if the correct item is retrieved.

# Task 2: Delete function

Incorporate the same technique used above in a delete function that would be called when a delete button is clicked.

The delete button

**var** Dbutton = **new** sap.m.Button({

text: "Delete",

press: oController.DeleteEntry

});

Delete handling function:

DeleteEntry: **function**(){

**var** name = sap.ui.getCore().byId("Productslist").getSelectedItem();

**var** path1 = name.oBindingContexts.data1.sPath;

**var** item = sap.ui.getCore().getModel('data1').getProperty(path1);

console.log(item);

}

# Task 3: Confirm deletion

Create a dialog that asks if the user wants to delete the item.

**var** Deletedialog = **new** sap.m.Dialog('deleteDialog',{

title: "Delete Product",

contents: [

**new** sap.m.Label({text: "Are you sure to delete this product?"})

],

The dialog should either confirm the action or cancel the action.

buttons: [

**new** sap.m.Button({

text: "cancel",

press: **function**(){

}

}),

**new** sap.m.Button({

text: "confirm",

press: **function**(){

})

]

# Task 4: Cancel operation

Close the dialog and destroy all element of the dialog when the operation is canceled.

**new** sap.m.Button({

text: "cancel",

press: **function**(){

Deletedialog.close();

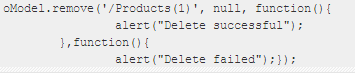
sap.ui.getCore().byId("deleteDialog").destroy();

}

}),

# Task 5: remove entry

The context of the remove function should contain the path to that specific object:



Thus get the path using the code created in task 1.

**var** name = sap.ui.getCore().byId("Productslist").getSelectedItem();

**var** path1 = name.oBindingContexts.data1.sPath;

console.log(path1);

Use this path to point the remove method to the correct entry.

Refresh the model and destroy and close the dialog.

**new** sap.m.Button({

text: "confirm",

press: **function**(){ sap.ui.getCore().getModel('data1').remove(path1, item);

sap.ui.getCore().getModel('data1').refresh();

Deletedialog.close();

sap.ui.getCore().byId("deleteDialog").destroy();

}

})

Save and run to test your results

## Final delete function

DeleteEntry: **function**(){

**var** name = sap.ui.getCore().byId("Productslist").getSelectedItem();

**var** path1 = name.oBindingContexts.data1.sPath;

console.log(path1);

**var** Deletedialog = **new** sap.m.Dialog('deleteDialog',{

title: "Delete Product",

contents: [

**new** sap.m.Label({text: "Are you sure to delete this product?"})

],

buttons: [

**new** sap.m.Button({

text: "cancel",

press: **function**(){

Deletedialog.close();

sap.ui.getCore().byId("deleteDialog").destroy();

}

}),

**new** sap.m.Button({

text: "confirm",

press: **function**(){

sap.ui.getCore().getModel('data1').remove(path1, item); sap.ui.getCore().getModel('data1').refresh();

Deletedialog.close();

sap.ui.getCore().byId("deleteDialog").destroy();

}

})

]

});

Deletedialog.open();

}