

## **Exercise Solution: Create Add-On**

Development Tool – SAP Business One Studio

PUBLIC

## INTRODUCTION

In this exercise, you will perform the following tasks:

1. Create a new Visual Studio project
2. Customize the Menu items
3. Create items on the default form
4. Connect to DI API
5. Test the Add-On

## PREREQUISITE:

- This document is using the **C Sharp** (C#) language
- This document is using the Microsoft Visual Studio 2015
- This document is using the SAP Business One Studio for Microsoft Visual Studio 2015
- Use the demo database for SAP Business One, version for SAP HANA or SAP Business One
- Credentials: User code: **manager**

## GUIDELINES:

The screenshots provided here are for your reference only and may differ from the actual screenshots in your system.

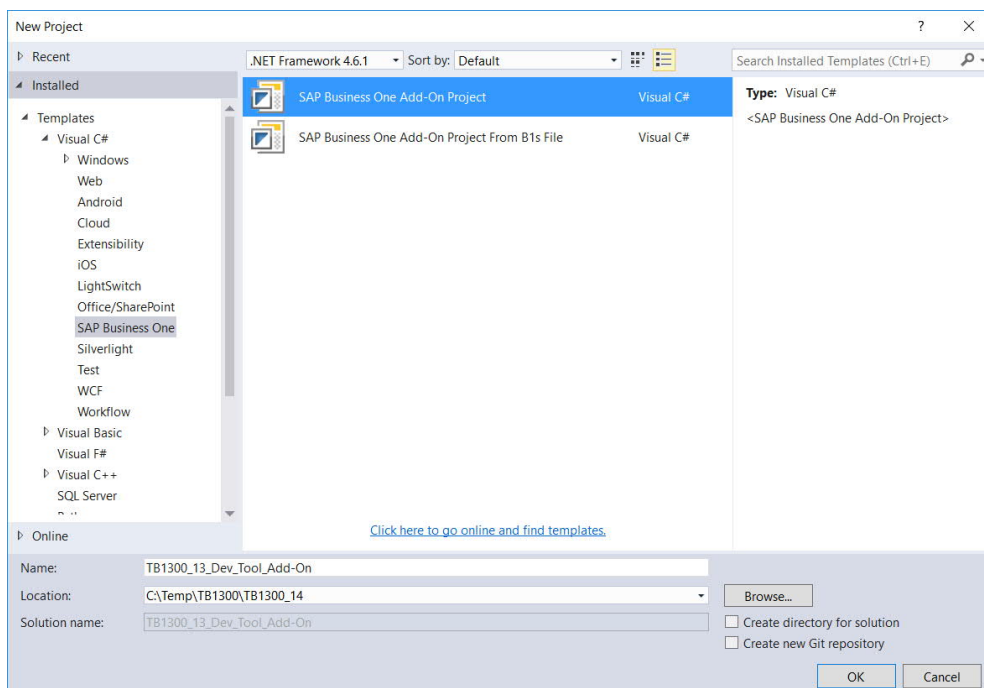
## 1. TASK – CREATE A NEW VISUAL STUDIO PROJECT

1.1. Install the SAP Business One Studio for Microsoft Visual Studio, available on the product CD

1.2. Create a new Visual Studio project.

1.2.1. Open Visual Studio and choose *File* → *New* → *Project*

Select the **SAP Business One Add-On Project** template from *Installed* → *Templates* → *SAP Business One* section



## 2. TASK – CUSTOMIZE THE MENU ITEMS

2.1. Change the menu collection to CarEvidence. Refer to the function **AddMenuItems** in class *Menu*.

```
oCreationPackage.Uni quel D = "CarEvi dence";
oCreationPackage.Stri ng = "Car Evi dence";
```

2.2. Change the menu item to CarList. Refer to the function **AddMenuItems** in class *Menu*.

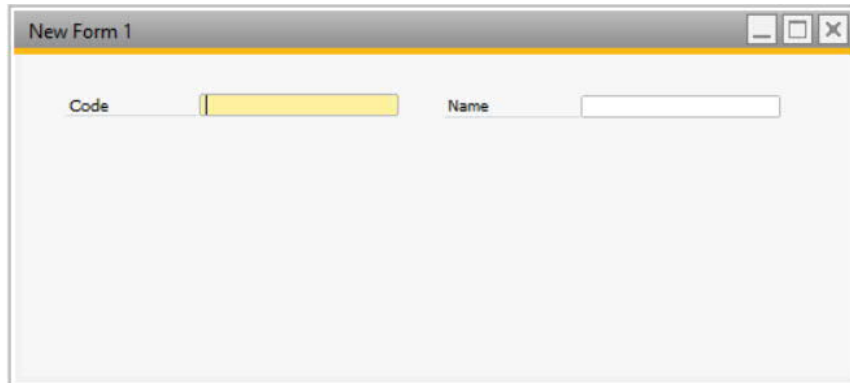
```
oMenuI tem = Appl i cati on. SBO_Appl i cati on. Menus. I tem("CarEvi dence");
oCreationPackage.Uni quel D = "CarLi st";
oCreationPackage.Stri ng = "Car Li st";
```

2.3. Reflect the menu related changes in the Menu item event handled function as well (**SBO\_Application\_MenuEvent**).

```
i f (pVal .BeforeActi on && pVal .MenuUI D == "CarLi st")
```

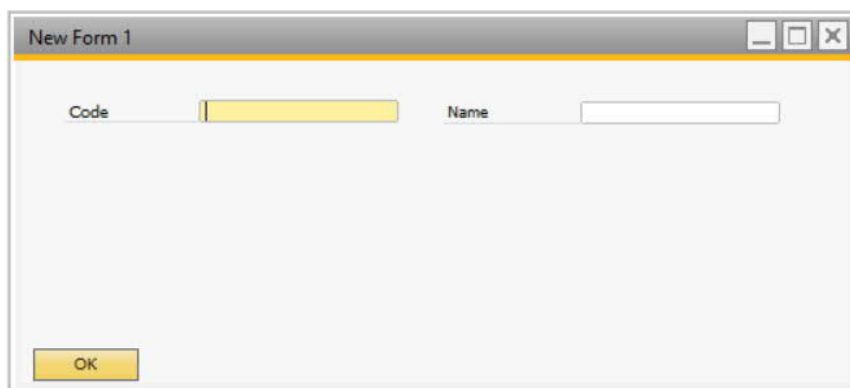
### 3. TASK – CREATE ITEMS ON THE DEFAULT FORM

3.1. Create 2 *EditText* items and 2 *StaticText* items with captions **Code** and **Name**.



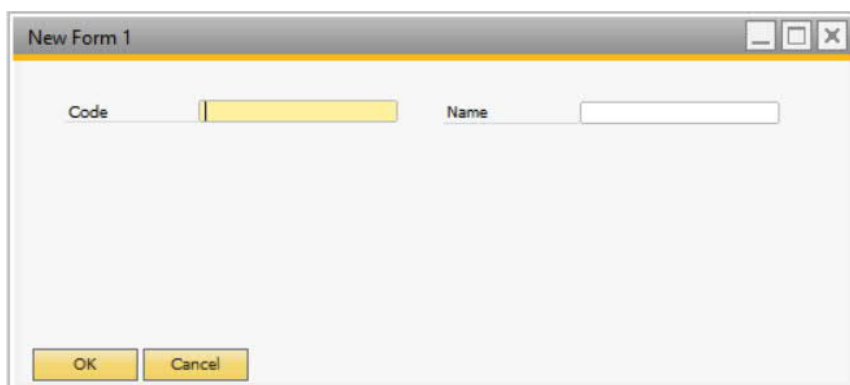
The screenshot shows a dialog box titled "New Form 1". Inside the dialog, there are two input fields. The first field is labeled "Code" and has a yellow background. The second field is labeled "Name" and has a white background. Both fields are empty.

3.2. Create button and set the *UniqueID* to value 1.



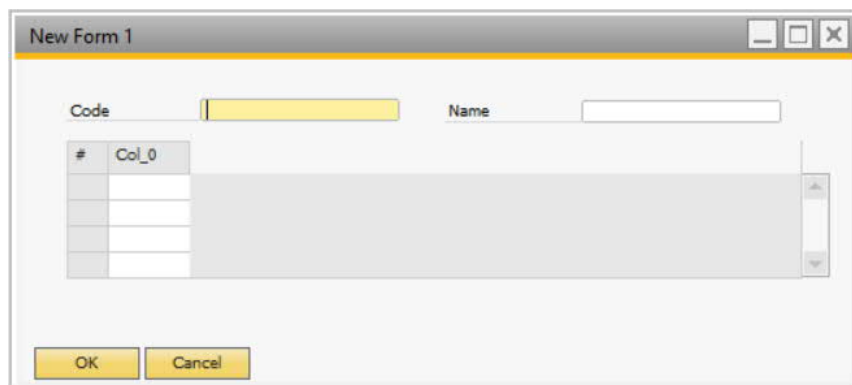
The screenshot shows the same dialog box as before, but now with an "OK" button added at the bottom left corner. The button is yellow and has the text "OK" in black.

3.3. Create button and set the *UniqueID* to value 2.



The screenshot shows the same dialog box as before, but now with two buttons added at the bottom left corner: "OK" and "Cancel". Both buttons are yellow and have their respective labels in black text.

### 3.4. Create *Matrix*.



## 4. TASK – CONNECT TO DI API

- 4.1. Define a variable for the *Company* object – ensure it is defined as a member of the add-on application class or globally.

```
public static SAPbobsCOM.Company di Company;
```

- 4.2. Use the *GetDICompany* method on *Company* object to establish the DI API based connection. This code you can call from the **Main** function.

```
di Company = (SAPbobsCOM.Company)Application.SBO_Application.Company.GetDICompany();
```

## 5. TASK – TEST THE ADD-ON

By clicking to the *Car List MenuItem* the form should be loaded in the SAP Business One.



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