**Assignment 3 & 4 Mandatory**

**Assignment 1 – Menu Enhancement**

**Hints:**

1. Identify if menu exit with function code +XXXX is available for the transaction by validating the GUI status of the main program

(System -> Status -> Double click on GUI Status.

1. Identify the function module exit in the PAI of the screen to write the business behavior of the menu.
2. Identify the enhancement name for the customer exits identified in step1 using SMOD.
3. Create a project in CMOD and assign the enhancement name identified in step2.
4. Incorporate the code in the customer exit and activate the project.

**Requirement: Add a custom menu in transaction ZXXXXX to call transaction ZXXXXX.**

**Assignment 2 – Screen Enhancement**

Add custom tab to the transaction VF01/VF02/VF03 Header detail screen

<http://saptechnical.com/Tutorials/ExitsBADIs/VF01/Header.htm>

**Assignment 3 – Business Add in (BADI)-Single Use**

**Hint:**

1. **SE18 should be used to define a BADI**
2. **SE19 should be used to implement the BADI Definition.**

**Requirement:** Define and implement a custom BADI in SE18 to divide two numbers.

Step1: Define a BADI (ZBADI\_DEMO\_01…05) in SE18.

Step2: Double click on the interface created to define the methods, parameters and exceptions.

Step3: Define an instance method DIVIDE\_NUMBERS.

Step4: Define two importing parameter’s (I\_NUM1 & I\_NUM2) and one exporting parameter (E\_RESULT) of type integer

Step5: Define an exception if division is carried out using null value.

Step6: Create an implementation (ZBADI\_DEMO\_IMP\_01...05) by specifying the BADI name that was created in step1.u

Step7: Double click on the method and write the source code to divide the two numbers.

Step8: Create a wrapper program (ZDEMO\_BADI\_01…05).

Step9: Define a reference variable of type BADI interface.

Step10: Define selection screen with two parameters of type integers

Step11: Call method GET\_INSTANCE of the class CL\_EXITHANDLER to get the BADI instance

Step12: Call method DIVIDE\_NUMBERS using this instance and pass the two selection parameters.

**Assignment 4 – Business Add in (BADI)-Multiple Use**

**Hint:**

1. **SE18 should be used to define a BADI**
2. **SE19 should be used to implement the BADI Definition.**

**Requirement:** Define and implement a custom BADI in SE18 to get Booking Data & Emailid.

Step1: Define a BADI (ZBADI\_DEMO\_01…05) in SE18.

Step2: Double click on the interface created to define the methods, parameters and exceptions.

Step3: Input Carrid & Connid Table SCARR Get, Email Data.

Step4: Input Carrid & Connid Table SBOOK Get Booking Data.

Step5: Define an exception if no data is present.

Step6: Create an implementation (ZBADI\_DEMO\_IMP\_01...05) by specifying the BADI name that was created in step1.

Step7: Create a wrapper program (ZDEMO\_BADI\_01…05).

Step8: Define a reference variable of type BADI interface.

Step9: Define selection screen with two parameters of type integers

Step10: Call method GET\_INSTANCE of the class CL\_EXITHANDLER to get the BADI instance

Step11: Call method DIVIDE\_NUMBERS using this instance and pass the two selection parameters.

Create a program to display Data of Sflight

CARRID

CONNID

FLDATE

PRICE

CURRENCY

PLANETYPE

SEATSMAX

**URL-SCARR---(From Badi)**