Exercise 10N – Enhance Behavior with Action and Validation.

How to enhance behavior definition for projection view

SAP Partner Workshop	**20 min**

Description

In this exercise, you'll learn how:

- How to enhance behavior definition for projection view

Prerequisites
- You have completed the steps mentioned until Exercise 10M

Target group

- Developers
- People interested in learning about development in ABAP env in SAP Cloud Platform with focus on RAP model.

Goal

The goal of this exercise is to enhance behavior implementation with actions and validations.

Open the behavior implementation `ZC_TRAVEL_M_XXX` and replace your code with following:

projection;

define behavior for ZC_TRAVEL_M_XXX alias TravelProcessor

use etag

{

// scenario specific field control

field (mandatory) BeginDate, EndDate, CustomerID;

use create;

use update;

use delete;

use action acceptTravel;

}

Click Save (Ctrl-S) and Activate (Ctrl-F3).

Replace XXX with the name which you had choosen earlier.

An example :

projection;

define behavior for ZC_TRAVEL_M_XXX alias TravelProcessor

use etag

{

// scenario specific field control

field (mandatory) BeginDate, EndDate, CustomerID;

use create;

use update;

use delete;

use action acceptTravel;

}

Now Lets check the UI behaviour.

Switch to your service binding and double click on `TravelProcessor`.

Let's verify the validations which we had added as part of behavior definition and implementation.

Begin date 20190823 must not be after end date 20190714 for travel 00000005

Join or create a team

1

Travel

*Travel ID [1,...,99999999]:	*Customer ID:	*End Date:	*Status [O(Open)|A(Accepted)|X(Canceled)]:
1	999	14 Jul 2019	A

*Agency ID:	*Starting Date:	Total Price:	Remarks:
70010	10 Jun 2019	3,500.00 USD	Trip to ASUG Orlando

×

Customer 000999 unknown
Customer ID

Join or create a team

⚠ 1

Save   Cancel

Travel

5   Delete

Travel

*Travel ID [1,...,99999999]:   *Customer ID: *End Date: *Status [O(Open)|A(Accepted)|X(Canceled)]:
5   11   14 Jul 2019   Z

*Agency ID: *Starting Date: Total Price: Remarks:
70010   10 Jun 2019   3,500.00   USD   Trip to ASUG Orlando

⊘ Travel status not valid for travel Z
   Status [O(Open)|A(Accepted)|X(Canceled)]

                                                    Join or create a team

[!] 1   Save   Cancel

Action to set the status of the Accept Travel = 'A'.

	Travel ID	Agency ID	Customer ID	Starting Date	End Date	Total Price	Booking Status	
○	1	Sunshine Travel (70001)	Neubasler (77)	24 Jun 2019	28 Jun 2019	1,780.00 USD	A	›
○	2	Your Choice (70005)	Buchholm (5)	13 Jun 2019	16 Jul 2019	1,150.00 USD	A	›
◉	3	Travel from Walldorf (70010)	Buchholm (11)	10 Jun 2019	14 Jul 2019	1,800.00 USD	A	›
○	4	Travel from Walldorf (70010)	Buchholm (11)	10 Jun 2019	14 Jul 2019	2,800.00 USD	X	›
○	5	Travel from Walldorf (70010)	Buchholm (11)	10 Jun 2019	14 Jul 2019	3,500.00 USD	A	›

Travels (5)   Standard ⌄

Accept Travel   Delete   Create   ⚙