

CRUD Operations using SAP Fiori

Presenting:

- A Fiori framework of CRUD Operation concept using SAP Fiori technology.
- Fiori framework consisting of four major operations in connection with the SAP system.

CRUD OPERATIONS:-

C R U D:	Create
	Read
	Update
	Delete

DETAILS

- CRUD Operations define the basic operations performed in the SAP System
- This framework performs the basic operations of Create, Read(Display), Update and Delete.
- It is in connection with the SAP System.
- The results of the CRUD operations are reflected in the table containing the data.

Pre Requisites

- **Tools:** SAP Web IDE (Version: 181220) & ODATA Service of SAP GUIs (7.50)
- **Software's** – HTML, XML, JSON, JAVA SCRIPT, CSS & SAP UI5
- **Table** (SE 11) – ZSM_PRODUCT (SAP System)

PRESENTATION

1) SCREEN:

The screenshot shows a web browser window with the title 'SAP Web IDE'. The address bar displays 'eight20s.mydomain.com:8711/sap/bc/ui5/sap/zs21crud/index.html?sap-client=800'. The page content is titled 'Invoice page' and features a table with the following data:

	PRODUCTNAME	QUANTITY	EXTENDEDPRICE	SHIPPERNAME	SHIPPEDDATE	STATUS
<input type="radio"/>	PRINTERS	2	550	TATA	20201111	Y
<input type="radio"/>	MOBILE PHONES	5	2000	SAMSUNG	20201114	Y
<input type="radio"/>	LAPTOPS	6	9000	DELL	20201110	Y
<input type="radio"/>	CHARGERS	4	8000	DELL	20201117	Y
<input type="radio"/>	HEADPHONES	2	5500	BOAT	20201119	B

Below the table are four buttons: 'Display', 'Update', 'Create', and 'Delete'. Underneath these buttons is a section titled 'Product Details' containing four input fields labeled 'PRODUCTNAME:', 'QUANTITY:', 'EXTENDEDPRICE:', and 'SHIPPERNAME:'.

- The screen shows the front page.
- Data from the SAP system is displayed.
- The CRUD operations are present in the form of buttons.

❖ CREATE Operation:

Invoice page

<input type="radio"/>	LAPTOPS	6	9000	DELL	20201110	Y
<input type="radio"/>	CHARGERS	4	8000	DELL	20201117	Y
<input type="radio"/>	HEADPHONES	2	5500	BOAT	20201119	B

Display Update Create Delete

Product Details

PRODUCTNAME:

QUANTITY:

EXTENDEDPRICE:

SHIPPERNAME:

SHIPPEDDATE:

STATUS:

Save

ADDED ENTRY:

SAP Web IDE

eight20s.mydomain.com:8711/s: x +

Not secure | eight20s.mydomain.com:8711/sap/bc/ui5_ui5/sap/zs21crud/index.html?sap-client=800

Invoice page

	PRODUCTNAME	QUANTITY	EXTENDEDPRICE	SHIPPERNAME	SHIPPEDDATE	STATUS
<input type="radio"/>	PRINTERS	2	550	TATA	20201111	Y
<input type="radio"/>	MOBILE PHONES	5	2000	SAMSUNG	20201114	Y
<input type="radio"/>	LAPTOPS	6	9000	DELL	20201110	Y
<input type="radio"/>	CHARGERS	4	8000	DELL	20201117	Y
<input type="radio"/>	HEADPHONES	2	5500	BOAT	20201119	B
<input type="radio"/>	MOUSE	3	850	DELL	20201220	B

Display Update Create Delete

Product Details

PRODUCTNAME:

QUANTITY:

EXTENDEDPRICE:

Windows 10 taskbar with icons for SAP Web IDE, File Explorer, Google Chrome, and others. System clock: 4:41 PM 11/25/2020

❖ READ (DISPLAY) Operation:

Invoice page						
	PRODUCTNAME	QUANTITY	EXTENDEDPRICE	SHIPPERNAME	SHIPPEDDATE	STATUS
<input type="radio"/>	PRINTERS	2	550	TATA	20201111	Y
<input type="radio"/>	MOBILE PHONES	5	2000	SAMSUNG	20201114	Y
<input checked="" type="radio"/>	LAPTOPS	6	9000	DELL	20201110	Y
<input type="radio"/>	CHARGERS	4	8000	DELL	20201117	Y
<input type="radio"/>	HEADPHONES	2	5500	BOAT	20201119	B
<input type="radio"/>	MOUSE	3	850	DELL	20201220	B
<div>Display Update Create Delete</div>						

AFTER CLICKING DISPLAY

Invoice page						
<input checked="" type="radio"/>	LAPTOPS	6	9000	DELL	20201110	Y
<input type="radio"/>	CHARGERS	4	8000	DELL	20201117	Y
<input type="radio"/>	HEADPHONES	2	5500	BOAT	20201119	B
<input type="radio"/>	MOUSE	3	850	DELL	20201220	B
<div>Display Update Create Delete</div>						
Product Details						
PRODUCTNAME:		LAPTOPS				
QUANTITY:		6				
EXTENDEDPRICE:		9000				
SHIPPERNAME:		DELL				
SHIPPEDDATE:		20201110				
STATUS:		Y				

❖ UPDATE Operations:

Invoice page

<input checked="" type="radio"/>	LAPTOPS	6	9000	DELL	20201110	Y
<input type="radio"/>	CHARGERS	4	8000	DELL	20201117	Y
<input type="radio"/>	HEADPHONES	2	5500	BOAT	20201119	B
<input type="radio"/>	MOUSE	3	850	DELL	20201220	B

Display

Update

Create

Delete

Product Details

PRODUCTNAME:

LAPTOPS

QUANTITY:

6

EXTENDEDPRICE:

9000

SHIPPERNAME:

DELL

SHIPPEDDATE:

20201110

STATUS:

Y

AFTER UPDATING QUANTITY

	PRODUCTNAME	QUANTITY	EXTENDEDPRICE	SHIPPERNAME	SHIPPEDDATE	STATUS
<input type="radio"/>	PRINTERS	2	550	TATA	20201111	Y
<input type="radio"/>	MOBILE PHONES	5	2000	SAMSUNG	20201114	Y
<input type="radio"/>	CHARGERS	4	8000	DELL	20201117	Y
<input type="radio"/>	HEADPHONES	2	5500	BOAT	20201119	B
<input type="radio"/>	MOUSE	3	850	DELL	20201220	B
<input checked="" type="radio"/>	LAPTOPS	4	9000	DELL	20201110	Y

Display

Update

Create

Delete

❖ DELETE OPERATION

Invoice page						
	PRODUCTNAME	QUANTITY	EXTENDEDPRICE	SHIPPERNAME	SHIPPEDDATE	STATUS
<input type="radio"/>	PRINTERS	2	550	TATA	20201111	Y
<input type="radio"/>	MOBILE PHONES	5	2000	SAMSUNG	20201114	Y
<input checked="" type="radio"/>	CHARGERS	4	8000	DELL	20201117	Y
<input type="radio"/>	HEADPHONES	2	5500	BOAT	20201119	B
<input type="radio"/>	MOUSE	3	850	DELL	20201220	B
<input type="radio"/>	LAPTOPS	4	9000	DELL	20201110	Y
Display Update Create Delete						

AFTER DELETING

Invoice page						
	PRODUCTNAME	QUANTITY	EXTENDEDPRICE	SHIPPERNAME	SHIPPEDDATE	STATUS
<input type="radio"/>	PRINTERS	2	550	TATA	20201111	Y
<input type="radio"/>	MOBILE PHONES	5	2000	SAMSUNG	20201114	Y
<input type="radio"/>	HEADPHONES	2	5500	BOAT	20201119	B
<input type="radio"/>	MOUSE	3	850	DELL	20201220	B
<input type="radio"/>	LAPTOPS	4	9000	DELL	20201110	Y
Display Update Create Delete						

END.