**17/11 jacky Jai Debug**

**--Product detail → Back**

GO\_BLOCK('PRODUCTDETAILS');

CLEAR\_BLOCK(no\_validate);

Go\_Block('SEARCHRESULT');

--

DECLARE

CUS\_ID\_SC number (11) ;

PROD\_ID\_SC number (11);

ShoppincartCount number (3);

i NUMBER (3);

CUS\_CURRENT number (11) ;

PROD\_CURRENT number (11) ;

Begin

SELECT CUS\_ID INTO CUS\_ID\_SC

FROM CUSTOMER

WHERE CUS\_USERNAME = :LOGIN\_C.CL\_USERNAME;

SELECT PROD\_ID INTO PROD\_ID\_SC

FROM PRODUCT

WHERE PROD\_NAME = :PRODUCTDETAILS.PD\_PRO\_NAME;

SELECT COUNT(CUS\_ID)

INTO ShoppincartCount

FROM shopping\_cart;

i := 1;

FOR i IN 1..ShoppincartCount

loop

select CUS\_ID,PROD\_ID INTO CUS\_CURRENT, PROD\_CURRENT

FROM (SELECT CUS\_ID,PROD\_ID,ROWNUM RN FROM shopping\_cart)

WHERE RN = i ;

IF CUS\_CURRENT = CUS\_ID\_SC and PROD\_CURRENT = PROD\_ID\_SC THEN

UPDATE shopping\_cart SET SHOP\_QUANTITY = SHOP\_QUANTITY + :PRODUCTDETAILS.PD\_QTY

where CUS\_ID = CUS\_ID\_SC and PROD\_ID = PROD\_ID\_SC ;

GOTO OTHERCASE;

end if;

end loop;

IF LENGTH (TRIM(TRANSLATE(:PRODUCTDETAILS.PD\_QTY, '0123456789', ' '))) IS NOT NULL

THEN message('Quantity should not contain any non-numeric value.');

RAISE FORM\_TRIGGER\_FAILURE;

ELSE NULL;

END IF;

IF :PRODUCTDETAILS.PD\_QTY IS NULL THEN

MESSAGE('Please fill in the quantity.');

RAISE FORM\_TRIGGER\_FAILURE;

ELSE NULL;

END IF;

IF :PRODUCTDETAILS.PD\_QTY <= 0

THEN message('Quantity should be larger than 0.');

RAISE FORM\_TRIGGER\_FAILURE;

ELSE NULL;

END IF;

INSERT INTO SHOPPING\_CART(CUS\_ID,PROD\_ID,SHOP\_QUANTITY )VALUES (CUS\_ID\_SC,PROD\_ID\_SC ,:PRODUCTDETAILS.PD\_QTY);

<<OTHERCASE>>

forms\_ddl('commit');

end;

declare

return\_value number;

Begin

set\_alert\_property('SUCCESSFUL\_INSERT', alert\_message\_text, 'successfully added ' || :PRODUCTDETAILS.PD\_QTY || ' ' || :PRODUCTDETAILS.PD\_PRO\_NAME || ' to your shopping cart!');

return\_value := show\_alert('SUCCESSFUL\_INSERT');

IF return\_value= alert\_button1 THEN

null;

end if;

end;

17/11/2017

Declare

LOVReturnValue Boolean;

Begin

LOVReturnValue := show\_LOV('OR\_DATE\_SEARCH');

End;

DECLARE

CUS\_ID\_SC number (11) ;

OLCount number (3);

i NUMBER (3);

Begin

SELECT CUS\_ID INTO CUS\_ID\_SC

FROM CUSTOMER

WHERE CUS\_USERNAME = :LOGIN\_C.CL\_USERNAME;

SELECT COUNT(ORD\_ID)

INTO OLCount

FROM (select ORDERS\_LINE.ORD\_ID from orders\_line, ORDERS

where ORDERS\_LINE.ORD\_ID = ORDERS.ORD\_ID

AND CUS\_ID = CUS\_ID\_SC

and TO\_CHAR(ORDERS.ORD\_DATE) = :ORDERRECORD.OR\_DATE);

GO\_BLOCK('OR\_ITEM\_LIST');

CLEAR\_BLOCK(no\_validate);

i:=1;

First\_Record;

FOR i IN 1..OLCount

loop

GO\_BLOCK('OR\_ITEM\_LIST');

SELECT

PROD\_NAME,

ORDL\_QUANTITY,

PROD\_PRICE \* ORDL\_QUANTITY

INTO

:OR\_ITEM\_LIST.ORIL\_NAME,

:OR\_ITEM\_LIST.ORIL\_QUANTITY,

:OR\_ITEM\_LIST.ORIL\_SUBTOTAL

FROM (SELECT PROD\_NAME, PROD\_PRICE,ORDL\_QUANTITY, ROWNUM RN FROM PRODUCT, ORDERS\_LINE, ORDERS

WHERE PRODUCT.PROD\_ID = ORDERS\_LINE.PROD\_ID

AND ORDERS.ORD\_ID = ORDERS\_LINE.ORD\_ID

AND CUS\_ID = CUS\_ID\_SC

AND TO\_CHAR(ORDERS.ORD\_DATE) = :ORDERRECORD.OR\_DATE)

WHERE RN=i;

Next\_Record;

END LOOP;

END;

MESSAGE ('successfully purchase, Your oder ID is ' || neworder\_id || '!');

**20/11**

**Forget Password**

GO\_BLOCK('LOGIN\_C');

CLEAR\_BLOCK(no\_validate);

GO\_BLOCK('FORGETPW\_C');

**Retrieve Password**

DECLARE

USERNAME\_COUNT NUMBER (3);

Begin

SELECT COUNT(\*) INTO USERNAME\_COUNT FROM CUSTOMER

WHERE CUS\_USERNAME = :FORGETPW\_C.R\_USERNAME;

IF :FORGETPW\_C.R\_USERNAME IS NULL THEN

MESSAGE('Please enter username.');

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

IF :FORGETPW\_C.R\_EMAIL IS NULL THEN

MESSAGE('Please enter username.');

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

IF :FORGETPW\_C.R\_PHONE IS NULL THEN

MESSAGE('Please enter username.');

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

IF USERNAME\_COUNT = 0 THEN

MESSAGE('Username not EXIST. Please try again.');

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

END;

DECLARE

CORR\_EMAIL VARCHAR(32);

CORR\_PHONE VARCHAR(8);

CORR\_PASSWORD VARCHAR(20);

BEGIN

SELECT CUS\_EMAIL, CUS\_PHONE, CUS\_PASSWORD

INTO CORR\_EMAIL,CORR\_PHONE, CORR\_PASSWORD

FROM CUSTOMER

WHERE CUS\_USERNAME = :FORGETPW\_C.R\_USERNAME;

IF :FORGETPW\_C.R\_EMAIL <> CORR\_EMAIL THEN

MESSAGE('Email is not match with the Username. Please try again.');

RAISE FORM\_TRIGGER\_FAILURE;

ELSIF :FORGETPW\_C.R\_PHONE <> CORR\_PHONE THEN

MESSAGE('Email is not match with the Username. Please try again.');

RAISE FORM\_TRIGGER\_FAILURE;

ELSE

:FORGETPW\_C.R\_PASSWORD := CORR\_PASSWORD;

END IF;

End ;

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DECLARE

CUS\_ID\_SC number (11) ;

PROD\_ID\_SC number (11);

ShoppincartCount number (3);

i NUMBER (3);

CUS\_CURRENT number (11) ;

PROD\_CURRENT number (11) ;

Begin

SELECT CUS\_ID INTO CUS\_ID\_SC

FROM CUSTOMER

WHERE CUS\_USERNAME = :LOGIN\_C.CL\_USERNAME;

SELECT PROD\_ID INTO PROD\_ID\_SC

FROM PRODUCT

WHERE PROD\_NAME = :PRODUCTDETAILS.PD\_PRO\_NAME;

SELECT COUNT(CUS\_ID)

INTO ShoppincartCount

FROM shopping\_cart;

i := 1;

FOR i IN 1..ShoppincartCount

loop

select CUS\_ID,PROD\_ID INTO CUS\_CURRENT, PROD\_CURRENT

FROM (SELECT CUS\_ID,PROD\_ID,ROWNUM RN FROM shopping\_cart)

WHERE RN = i ;

IF CUS\_CURRENT = CUS\_ID\_SC and PROD\_CURRENT = PROD\_ID\_SC THEN

UPDATE shopping\_cart SET SHOP\_QUANTITY = SHOP\_QUANTITY + :PRODUCTDETAILS.PD\_QTY

where CUS\_ID = CUS\_ID\_SC and PROD\_ID = PROD\_ID\_SC ;

GOTO OTHERCASE;

end if;

end loop;

IF LENGTH (TRIM(TRANSLATE(:PRODUCTDETAILS.PD\_QTY, '0123456789', ' '))) IS NOT NULL

THEN message('Quantity should not contain any non-numeric value.');

RAISE FORM\_TRIGGER\_FAILURE;

ELSE NULL;

END IF;

IF :PRODUCTDETAILS.PD\_QTY IS NULL THEN

MESSAGE('Please fill in the quantity.');

RAISE FORM\_TRIGGER\_FAILURE;

ELSE NULL;

END IF;

IF :PRODUCTDETAILS.PD\_QTY <= 0

THEN message('Quantity should be larger than 0.');

RAISE FORM\_TRIGGER\_FAILURE;

ELSE NULL;

END IF;

INSERT INTO SHOPPING\_CART(CUS\_ID,PROD\_ID,SHOP\_QUANTITY )VALUES (CUS\_ID\_SC,PROD\_ID\_SC ,:PRODUCTDETAILS.PD\_QTY);

<<OTHERCASE>>

forms\_ddl('commit');

end;

declare

return\_value number;

Begin

set\_alert\_property('SUCCESSFUL\_INSERT', alert\_message\_text, 'Successfully added ' || :PRODUCTDETAILS.PD\_QTY || ' ' || :PRODUCTDETAILS.PD\_PRO\_NAME || ' to your shopping cart!');

return\_value := show\_alert('SUCCESSFUL\_INSERT');

IF return\_value= alert\_button1 THEN

null;

end if;

end;

**22/11/2017**

**CHECKOUT - Confirm Payment**

-- orders\_ORD\_ID (Given), ORD\_DATE (System Date) , ORD\_AMOUNT (Total Amount), ORD\_STATUS (Packing), CUS\_ID, STA\_ID

-- orders\_line - ORD\_ID (GIVEN), PROD\_ID, ORDL\_QUANTITY

DECLARE

neworder\_id number(11, 0);

largestorder number(11, 0);

CUS\_ID\_SC number;

TEMP\_PROD\_ID NUMBER;

TEMP\_QUANTITY NUMBER;

TEMP\_PROD\_NAME VARCHAR2(300);

BEGIN

SELECT Max(ORD\_ID) INTO largestorder FROM ORDERS\_LINE;

neworder\_id := largestorder + 1;

SELECT CUS\_ID INTO CUS\_ID\_SC

FROM CUSTOMER

WHERE CUS\_USERNAME = :LOGIN\_C.CL\_USERNAME;

INSERT INTO ORDERS

VALUES( neworder\_id,

SYSDATE,

:CHECKOUT.CO\_TOTALCOST,

'Pending shipment',

CUS\_ID\_SC,

'00103570562');

forms\_ddl('Commit');

GO\_BLOCK('SHOPPING\_CART\_ORDER');

FIRST\_RECORD;

LOOP

SELECT PROD\_ID INTO TEMP\_PROD\_ID FROM PRODUCT

WHERE :SHOPPING\_CART\_ORDER.CO\_PROD\_NAME = PRODUCT.PROD\_NAME;

INSERT INTO ORDERS\_LINE

(ORD\_ID,

PROD\_ID,

ORDL\_QUANTITY)VALUES

(neworder\_id,

TEMP\_PROD\_ID,

:SHOPPING\_CART\_ORDER.CO\_SHOP\_QTY);

SELECT PROD\_QUANTITY

INTO TEMP\_QUANTITY

FROM PRODUCT

WHERE PROD\_ID = TEMP\_PROD\_ID;

SELECT PROD\_NAME

INTO TEMP\_PROD\_NAME

FROM PRODUCT

WHERE PROD\_ID = TEMP\_PROD\_ID;

IF (TEMP\_QUANTITY - :SHOPPING\_CART\_ORDER.CO\_SHOP\_QTY) < 0 THEN

MESSAGE('We don''t have enough supplies for ' || TEMP\_PROD\_NAME || '. Please enter a smaller amount.');

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

IF (TEMP\_QUANTITY - :SHOPPING\_CART\_ORDER.CO\_SHOP\_QTY) = 0 THEN

MESSAGE('Sorry. We are out of stock for ' || TEMP\_PROD\_NAME || '.');

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

UPDATE PRODUCT

SET PROD\_QUANTITY = PROD\_QUANTITY - :SHOPPING\_CART\_ORDER.CO\_SHOP\_QTY

WHERE :SHOPPING\_CART\_ORDER.CO\_PROD\_NAME = PRODUCT.PROD\_NAME;

forms\_ddl('Commit');

Next\_Record;

EXIT WHEN :SHOPPING\_CART\_ORDER.CO\_PROD\_NAME is NULL;

END LOOP;

DELETE FROM SHOPPING\_CART

WHERE CUS\_ID = CUS\_ID\_SC;

forms\_ddl('Commit');

GO\_BLOCK('THANKYOU');

END;

DECLARE

CURR\_QTY NUMBER (3);

BEGIN

SELECT ORD\_QTY

INTO CURR\_QTY

FROM

IF CURR\_QTY + >99

THEN