

Oracle Apps Workflow Case Study

1. Create a Workflow for the below requirement: Customer wants Sales Order details to be approved by Sales Manager, once Sales Order is booked. They also want an acknowledgement to be sent to their customers after Order has been booked.
 - a. Create a Role Sales Manager, Sales Person and Customer and assign a valid employee/user to each role
 - b. Create a Custom Table to hold the below information : Order Number, Sales Person, Approved By, Approval Status
 - c. Design the Workflow Process :
 - i. Get Order Details & Insert into Custom Table
 - ii. Notify Sales Manager : Notification should contain Sales Order Header Information and Line Details:

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Customer :

Sales order Number:

Payment Terms : CA

Freight Terms : EXW

Quote Date : 07/09/09

Organization :

Price List :

Sales Order Category : Employee-Domestic

Sales Person :

Quote Currency : USD

Link to Oracle Applications to view Sales Order Screen

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Extended List Price – Unit List Price * Quantity

Frozen Cost – Unit Cost

Extended Frozen Cost – Frozen Cost * Quantity

Notification should have two buttons – Approve and Reject.

- d. On Approval of Notification, Notify the Customer of the Sales Order Approval. Update Custom Table Approval Status and Approved By for the Sales Order.
- e. On Rejection, Notify Sales Person of the Sales Order Rejection. Update Custom Table Approval Status and Approved By for the Sales Order.
- f. Write a PLSQL Script to call the Workflow Main Process and demonstrate the flow.

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2. For the same Workflow, send a Notification with the Line Details instead of the link to Oracle applications in the below format:

Line	Item	Item Description	Quantity	List Price	Extended List Price	Frozen Cost	Extended Frozen Cost
900	013601-GENT	Winmag Licence Intrusion Technology	1	1600	1600	635.11	635.11

Extended List Price : Unit List Price * Quantity

Frozen Cost : Unit Cost

Extended Frozen Cost : Frozen Cost * Quantity

Hint:

- Use Document Type Attribute to store Line Details
- Use TABLE OF Cursor to get line details – sample:
TYPE cursor_c_lines_get_table IS TABLE OF c_lines_get%ROWTYPE
INDEX BY BINARY_INTEGER;
d_cur_line_get_tab cursor_c_lines_get_table;
- Workflow Procedure to be used:
PROCEDURE P1 (
p_document_id in varchar2,
p_display_type in varchar2,
p_document in out varchar2,
p_document_type in out varchar2)
- Pass the item type and item key in the document id.
- Use fnd_global.newline for declaring a New Line Varchar2 Variable