

# Exercise Seven

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7.1 Create a new Business Area called Product Sales 1995 using the Products\_Group, Products and Products\_Sales tables, allow a date hierarchy to be created for Products\_Sales. Note how the names of the Folders have been given additional numeric values to differentiate them from the Folders used in other Business Areas. Change the displayed names to Products, Products Group and Products Sales. Note that this cannot be done because Administrator requires unique names.

7.2 Create a mandatory condition on the Transaction Date: Year to limit records to '1995' only.

7.3 Make all audit columns invisible to the user, you first need to remove the hierarchy from the created date and updated date items.

7.3 Re-connect in Desktop as the User and select the following items, make sure that the default output is as illustrated ...

Group Number  
Group Description  
Group Name  
Product Number  
Name  
Number of Units  
Price  
Transaction Date

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Page Items: Group Number: 1 ▾ Group Name: HARDWARE ▾ Group Description: Hardware items including nuts and bolts ▾					
	Product Number	Name	Price	Transaction Date	Number Of Units
▶ 1	22	1 Hinge Pack (Rh)	£2.99	18-Jan-1995	60
▶ 2	22	1 Hinge Pack (Rh)	£2.99	19-Jan-1995	63
▶ 3	22	1 Hinge Pack (Rh)	£2.99	20-Jan-1995	66
▶ 4	22	1 Hinge Pack (Rh)	£2.99	21-Jan-1995	70
▶ 5	22	1 Hinge Pack (Rh)	£2.99	12-Feb-1995	40
▶ 6	22	1 Hinge Pack (Rh)	£2.99	13-Feb-1995	43
▶ 7	22	1 Hinge Pack (Rh)	£2.99	10-Mar-1995	33
▶ 8	22	1 Hinge Pack (Rh)	£2.99	11-Mar-1995	36
▶ 9	22	1 Hinge Pack (Rh)	£2.99	06-Jul-1995	20
▶ 10	22	1 Hinge Pack (Rh)	£2.99	07-Jul-1995	23
▶ 11	22	1 Hinge Pack (Rh)	£2.99	25-Jul-1995	83
▶ 12	22	1 Hinge Pack (Rh)	£2.99	26-Jul-1995	86
▶ 13	22	1 Hinge Pack (Rh)	£2.99	27-Jul-1995	90
▶ 14	22	1 Hinge Pack (Rh)	£2.99	28-Jul-1995	93
▶ 15	22	1 Hinge Pack (Rh)	£2.99	10-Sep-1995	33
▶ 16	22	1 Hinge Pack (Rh)	£2.99	11-Sep-1995	36
▶ 17	22	1 Hinge Pack (Rh)	£2.99	12-Sep-1995	40
▶ 18	22	1 Hinge Pack (Rh)	£2.99	13-Sep-1995	43

Make sure that ...

1. The Records are limited to the 1995 transactions only
2. The User cannot remove the condition from the query.

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7.4 Returning to the Products\_group Business Area, create an optional condition which limits the product number to 1, this should be placed on the Products\_Sales table, note that it will not limit records until items have been selected from this Folder.

7.5 Create a new workbook in Desktop to prove that the changes in ex7.4 were effective.

7.6 Create the following optional conditions in the Stock\_Sales Business Area

- a. Where the Location Id is less than 10
- b. Where the Price is between £10 and £25
- c. Where the Updated By item is not null

7.7 Create another workbook in Desktop to test ex7.6 changes.

7.8 Create an optional condition in the Stock Business Area which only selects records which have a 'D' in the Stock Description Item.

7.9 Again check that the condition works in Desktop.

7.10 Export the entire End User Layer into ex7\_10.eex.

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7.11 Create a calculation in the Stock Information Folder of the Stock Business Area, calculate the Net worth of the current holding of Stock by multiplying the Unit Price by the Number In Stock items. Call the Item 'Net Worth'.

7.12 Make changes to the above so that when the User creates a workbook by selecting the following Items, a Cross-tab produces the following ...

Section Name  
Stock Description  
Net Worth

	Net Worth						
	BATHR	BULBS	CEMEN	DOORS	HAMME	TOOLS	TREES
bath mat set	£206.77						
black and decker strimmer						£599.80	
blue circle cement			£499.00				
brass handle				£299.00			
brass knocker				£159.90			
coarse sand			£199.50				
electric shower	£319.96						
fine sand			£299.25				
hinge pack (lh)				£69.90			
hinge pack (rh)				£0.00			
hyacinth		£56.40					
mallet					£13.50		
one inch nails				£985.00			
piledriver				£67.96			
pozidrive screws 1 inch				£83.88			
pozidrive screws 3 inch				£104.85			
rose tree							£574.00
rubber plant		£299.00					
s and j spade					£274.75		
shower curtain - pink	£149.90						
shower curtain - white	£109.90						
sledgehammer				£89.88			
thistle plaster			£199.50				
thula bush							£159.90
weedkiller		£24.43					
yale lock				£149.85			

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7.13 Create an item in the Products Group Business Area for the Products\_Group Folder and set its value to the literal 'Seer Computing Ltd', call the item 'Company Name'

7.14 Test that the value is displayed within Desktop.

7.15 In the Stock Business Area create an item called 'Abbreviation' which will substring the first three characters of the Section Name, again test that this has worked within Desktop.

Export the entire End User Layer into ex7\_15.eex