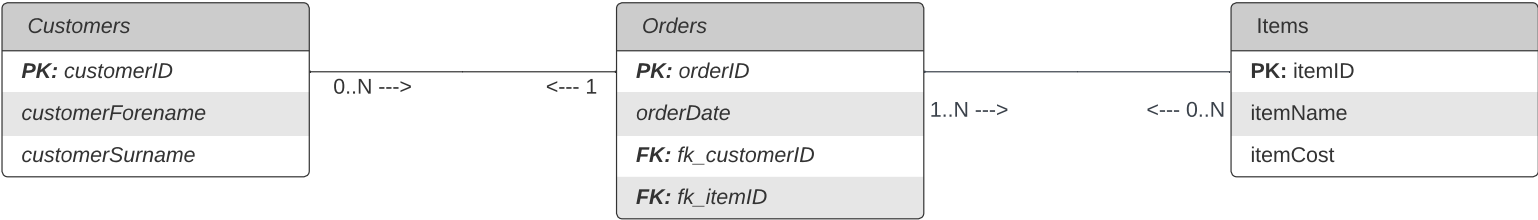


Fundamental Project EDR (UML)

Emily Bradfield | July 20, 2022



	...a customer	...an item	...an order
A customer...	X	-	places
An item...	-	X	is in
An order...	is made by	contains	X

A customer may place 0 orders to many orders
An order may be placed by exactly one customer
An otder may contain one item to many items
An item may be in one order to many orders

VIEWS CREATED

OrderView (VIEW)	JOINS Orders (o) AND Items (i) ON i.itemID=o.fk_itemID
orderID_itemized	o.orderID
invoiceID	o.purchaseID
orderDate	o.orderDate
itemName	i.itemName
itemCost	i.itemCost
itemQuantity	o.itemQuantity

Subtotal (VIEW)	JOINS Orders (o) AND Items (i) ON i.itemID=o.fk_itemID
o.purchaseID	o.orderID
orderDate	o.orderDate
o.fk_customerID	o.fk_customerID
subtotal	(i.itemCost * o.itemQuantity)

Invoices (VIEW, GROUP BY s.purchaseID)	JOINS Subtotal (s) AND Customers (c) ON s.fk_customerID=c.customerID
OrderID	s.purchaseID
Forename	c.Forename
Surname	c.Surname
OrderDate	s.orderDate
OrderTotal	SUM (s.subtotal)