

Buyer Information Model (UML Class Diagram)

Figure 1 shows the PIM level information model for the buyer. This contains 7 entities: Buyer, Order, Orderline, Lineitem, Item, InvoiceLine and Invoice.

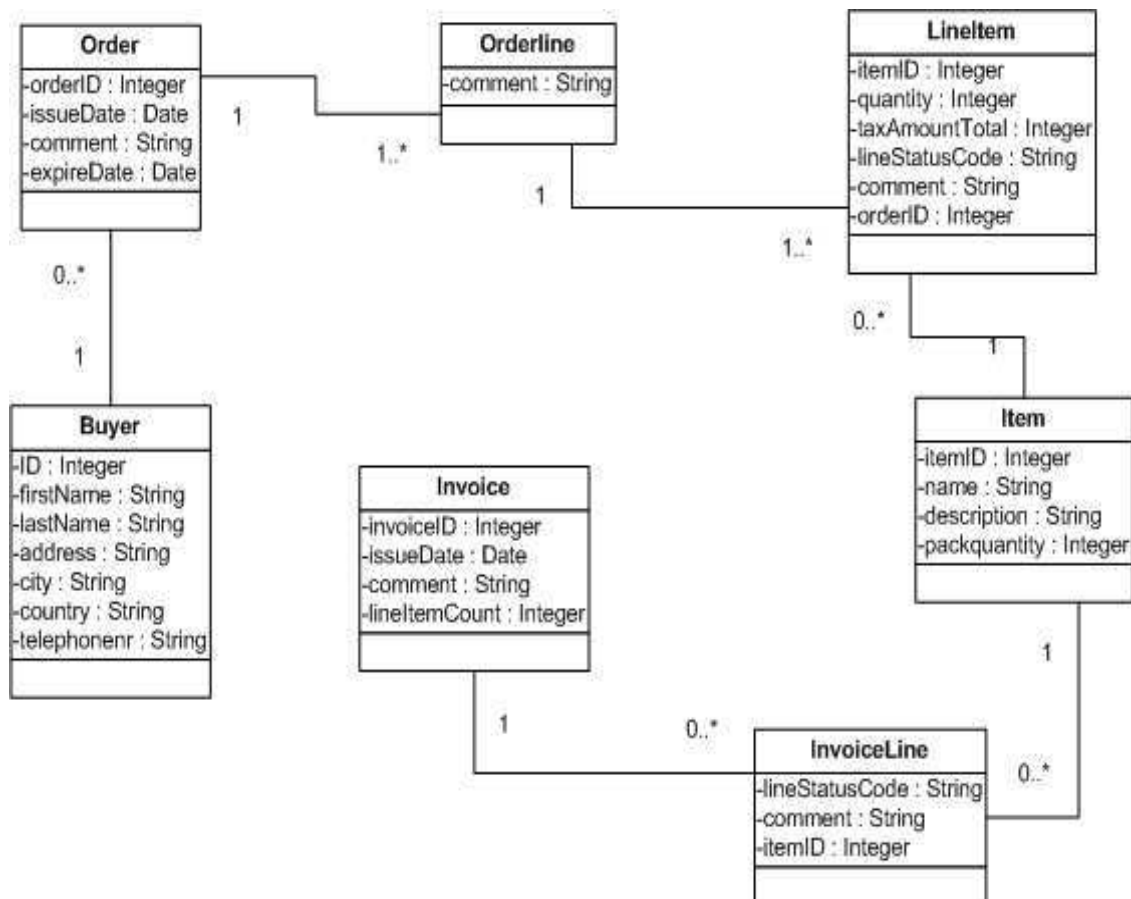


Figure 1: PIM Information Model for Buyer

Seller Information Model (UML Class Diagram)

Below, Figure 2 shows the analogue information model for the seller side. This consists of the following entities: Customer, PricedDocument, PurchaseOrderline, PurchaseOrder, Item, InvoiceLine and Invoice.

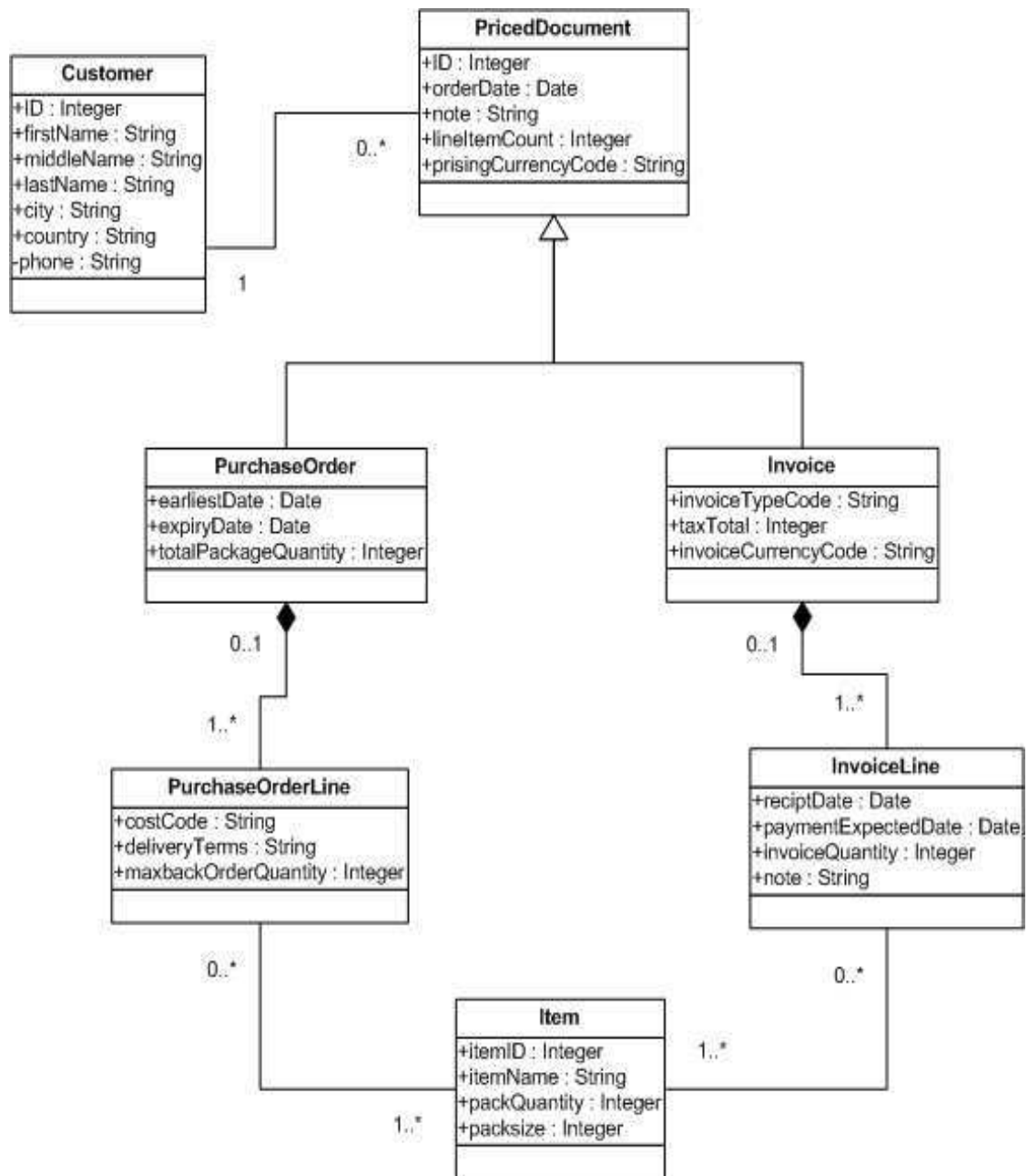


Figure 2: PIM Information Model for Seller

In order to complete these diagrams could be completed if required with SoaML elements like messages types and attachments. As shown in the following figures:

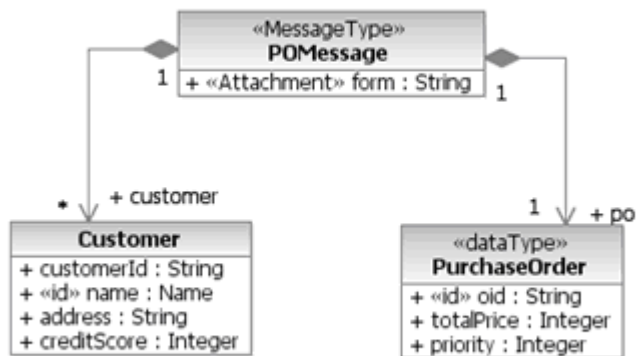


Figure 3 shows a MessageTypes that may be used to define the information exchanged between service consumers and providers.

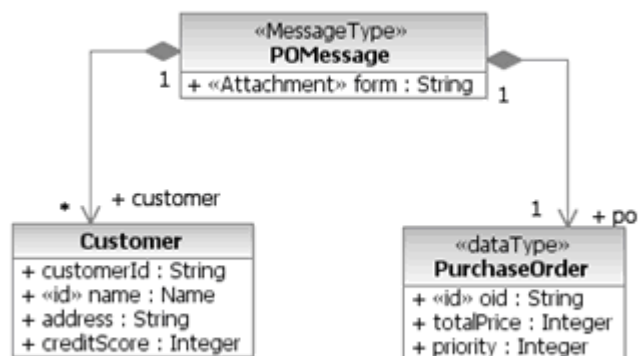


Figure 3: MessageTypes in Purchase Order Processing

Figure 4 shows an InvoiceContent Attachment to the Invoice MessageType. This attachment contains the detailed information about the Invoice.



Figure 4: The InvoiceContent Attachment