

# UML

## Diagram

				URL
1	<p>The diagram shows a class hierarchy and relationships. At the top is the <b>Customer</b> class with attributes 'name' and 'address'. Below it is the <b>Payment</b> interface with the attribute 'amount'. Three classes, <b>Credit</b>, <b>Cash</b>, and <b>Check</b>, implement the <b>Payment</b> interface. To the right is the <b>Order</b> class with attributes 'date' and 'status', and methods 'calcTax', 'calcTotal', and 'calcTotalWeight'. It has an association with <b>Customer</b> (multiplicity 1 to 0..*) and a composition with <b>OrderDetail</b> (multiplicity 1 to 1..*). The <b>OrderDetail</b> class has attributes 'quantity' and 'taxStatus', and methods 'calcSubTotal' and 'calcWeight'. It has an association with the <b>Item</b> class (multiplicity 0..* to 1). The <b>Item</b> class has attributes 'shippingWeight' and 'description', and methods 'getPriceForQuantity' and 'getWeight'. A legend at the bottom identifies symbols: 1 Interface, 2 Association, 3 Class Name, 4 Fields, 5 Methods, 6 Implementation, 7 Role Name, 8 Multiplicity, and 9 Navigability.</p>	Class Diagram( )		
2		Flow Chart( )		
3		Org Chart( )		
4		Swimlane Diagram( )		
5		Entity Relationship Diagram(ERD)		
6		Sequency Diagram( )		
7		Kanban Board( )		
8		Cross-Functional Flowchart		

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