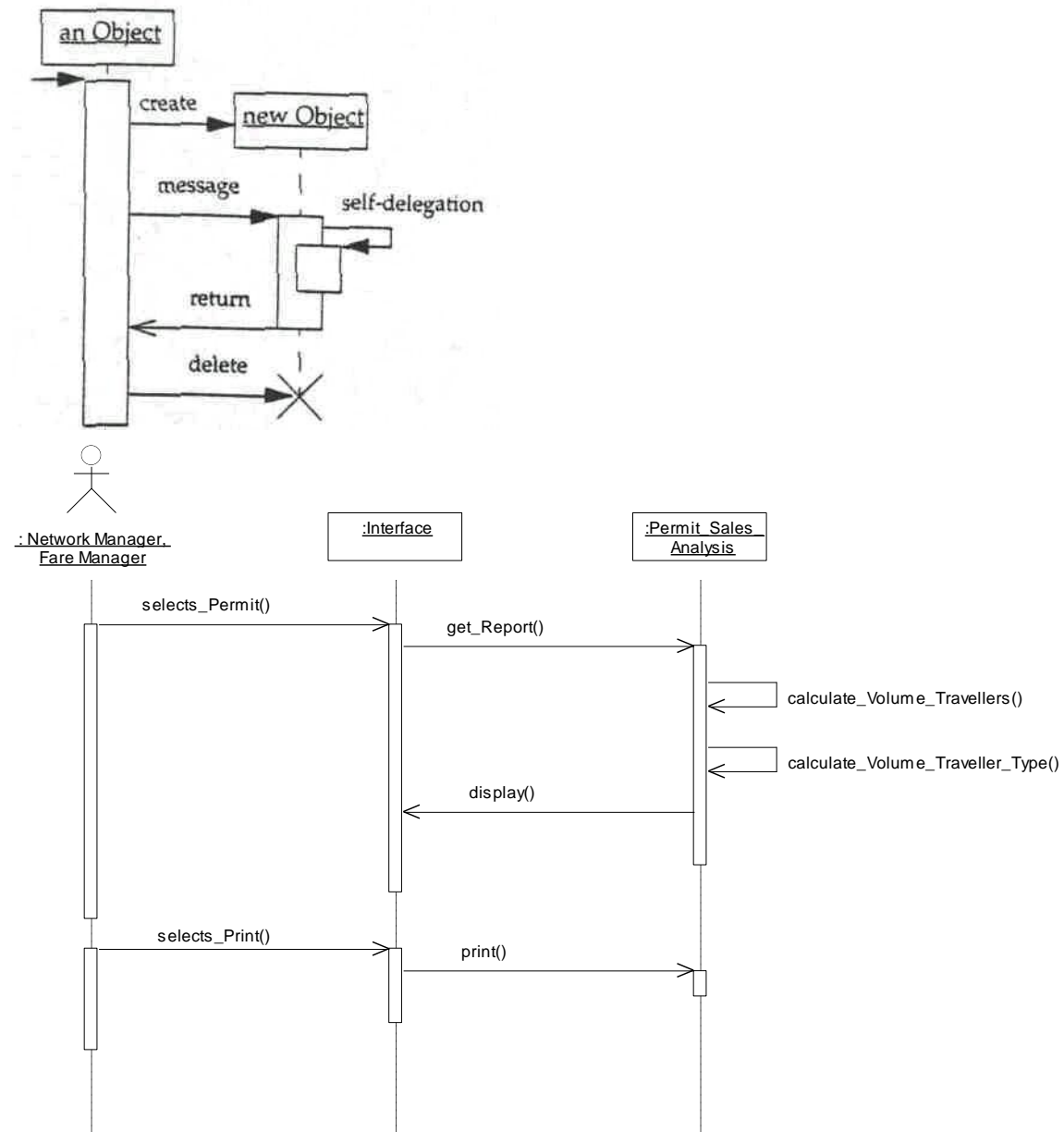
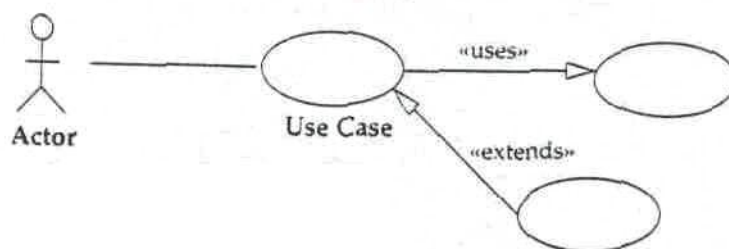


UML DIAGRAMS FOR ELEC3609

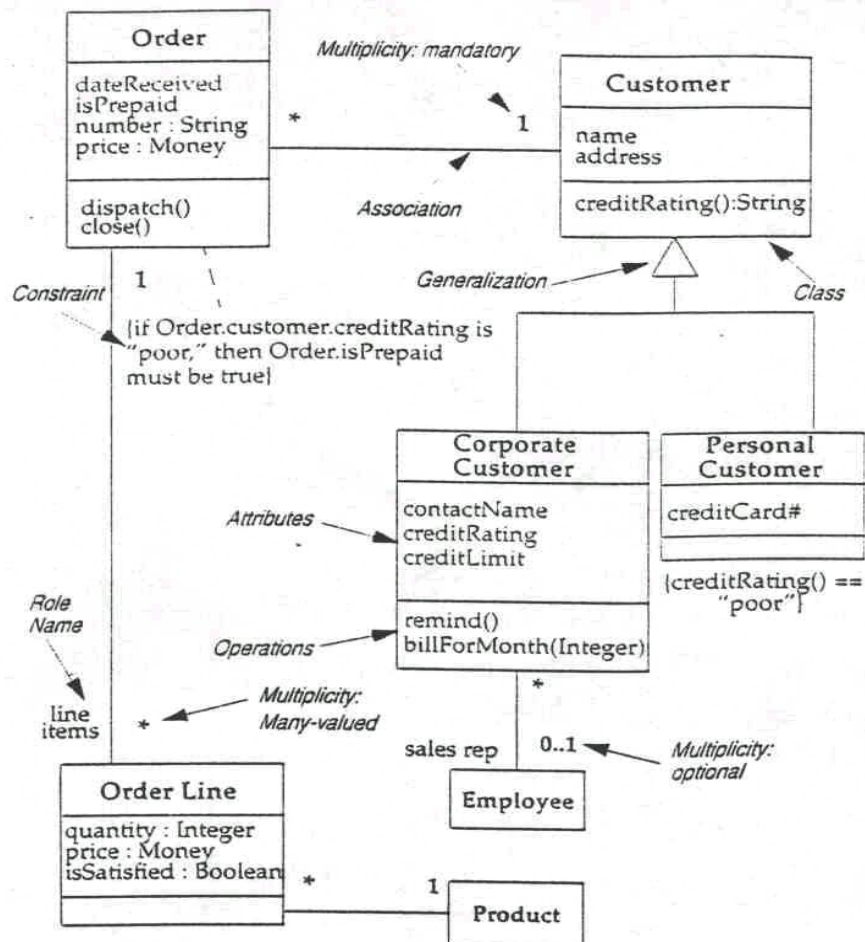
Sequence Diagram



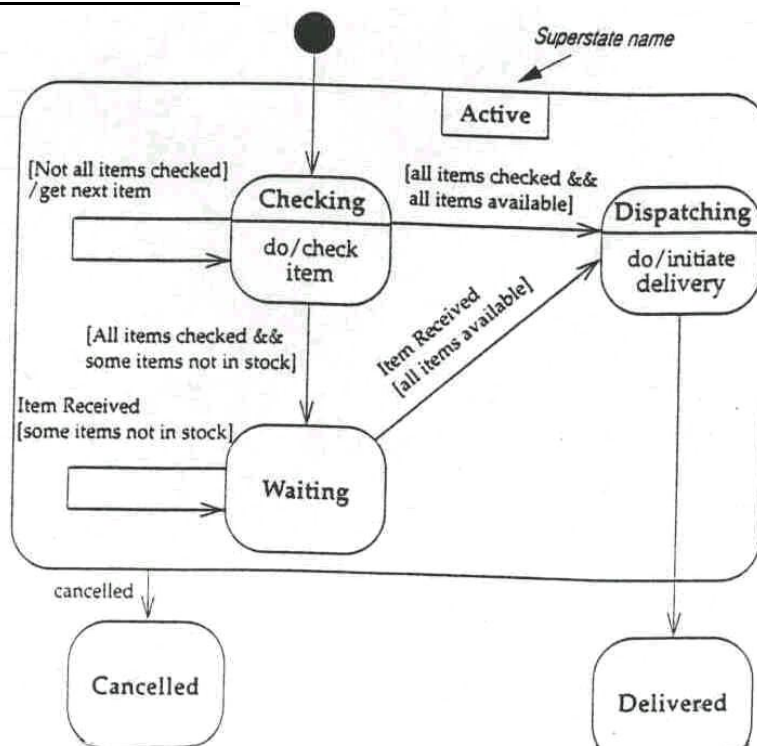
Use Case Diagram



CLASS DIAGRAM



STATEDIAGRAM



Sample Use Case DESCRIPTION

USE CASE 5	Buy Goods	
Goal in Context	Buyer issues request directly to our company, expects goods shipped and to be billed.	
Scope & Level	Company, Summary	
Preconditions	We know Buyer, their address, etc.	
Success End Condition	Buyer has goods, we have money for the goods.	
Failed End Condition	We have not sent the goods, Buyer has not spent the money.	
Primary, Secondary Actors	Buyer, any agent (or computer) acting for the customer. Credit card company, bank, shipping service	
Trigger	purchase request comes in.	
DESCRIPTION	Step	Action
	1	Buyer calls in with a purchase request
	2	Company captures buyer's name, address, requested goods, etc.
	3	Company gives buyer information on goods, prices, delivery dates, etc.
	4	Buyer signs for order.
	5	Company creates order, ships order to buyer.
	6	Company ships invoice to buyer.
	7	Buyers pays invoice.
EXTENSIONS	Step	Branching Action
	3a	Company is out of one of the ordered items: 3a1. Renegotiate order.
	4a	Buyer pays directly with credit card: 4a1. Take payment by credit card (use case 44)