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CSCI 430 - Transaction Sequence

> Client C1 requests to be added to the system.

> Client C2 requests to be added to the system.

> Client C3 requests to be added to the system.

> Manufacturer M1 requests to be added to the system.

> Manufacturer M2 requests to be added to the system.

> Manufacturer M3 requests to be added to the system.

> Manufacturer M1 product P1M1 is added to the supplier list.

> Manufacturer M1 product P2M1 is added to the supplier list.

> Manufacturer M2 product P1M2 is added to the supplier list.

> Manufacturer M2 product P2M2 is added to the supplier list.

> Manufacturer M2 product P3M2 is added to the supplier list.

> Manufacturer M3 product P1M3 is added to the supplier list.

> Client C1 places an order for P1M1, P2M2, and P3M2.

> The system generates and invoice, I1 to client C1 notifying them that products P1M1 and P2M2 will ship together, and P3M2 will ship alone.

> The system places an order with Manufacturers M1 and M2 from invoice I1

> Shipment for invoice I1 is accepted.

> Client 2 places an order for P1M2, P2M2, and P1M3.

> The system generates and invoice, I2 to client C2 notifying them that products P1M2 and P1M3 will ship together, and P2M2 will ship alone.

> The system places an order with Manufacturers M2 and M3 from invoice I2

> Shipment for invoice I2 is accepted.

> Client C1 issues a full payment for their account

> Client C2 issues a partial payment for their account.

> Manufacture M1 product P2M1 is removed from the supplier list.

> Client C3 places an order for P1M3.

> The system generates and invoice, I3 to client C3 notifying them that product P1M3 will ship.

> The system places an order with Manufacturer from invoice I3

> Shipment for invoice I3 is accepted.