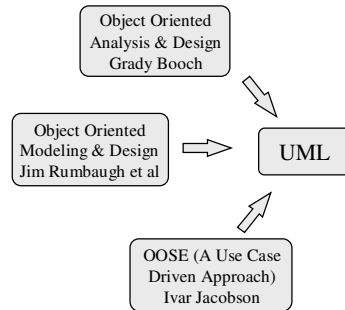


Unified Modelling Language

- ◆ Syntax only
- ◆ Comprehensive
- ◆ Language Independent
- ◆ Process Independent
- ◆ Tool Independent
- ◆ Application not well understood



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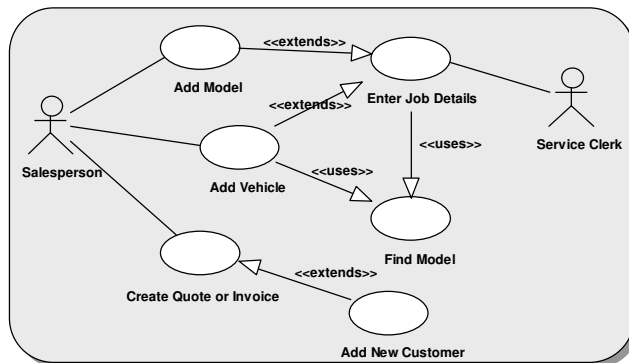
UML Diagram Types

- ◆ Use Case Diagrams
- ◆ Static Structure Diagrams
 - Object Diagrams
 - Class Diagrams
- ◆ Interaction Diagrams
 - Sequence Diagrams
 - Collaboration Diagrams
- ◆ Statechart Diagrams
- ◆ Activity Diagrams
- ◆ Implementation Diagrams
 - Component Diagrams
 - Deployment Diagrams

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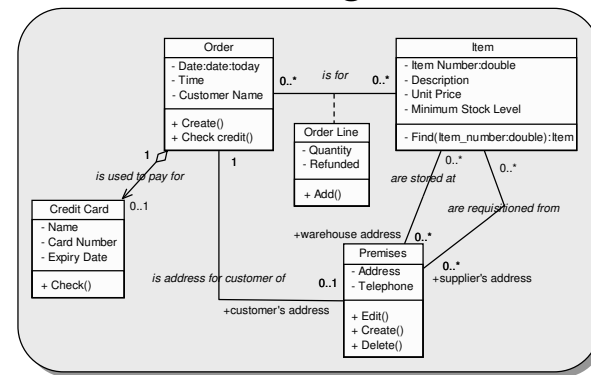
Use Case Diagram



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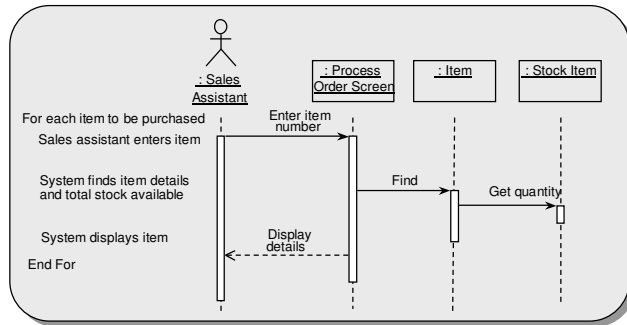
Class Diagram



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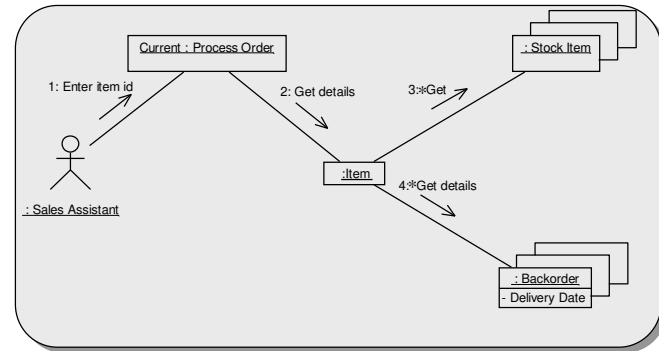
Sequence Diagram



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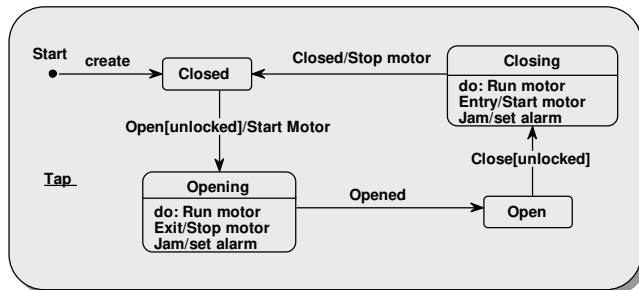
Collaboration Diagram



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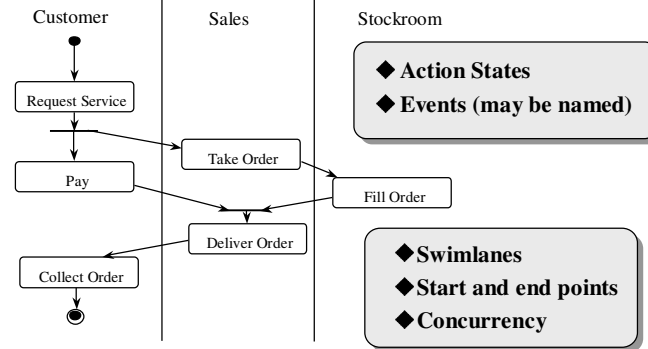
Statechart Diagram



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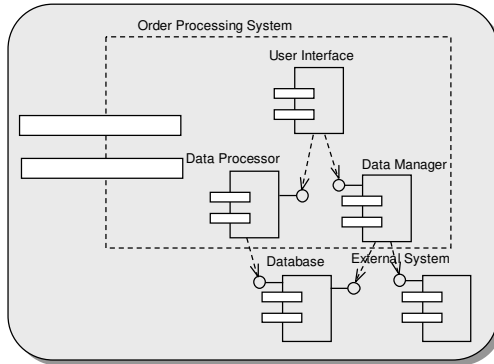
Activity Diagram



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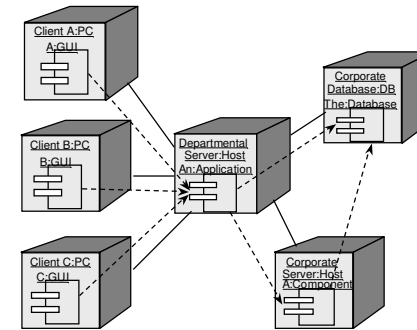
Component Diagram



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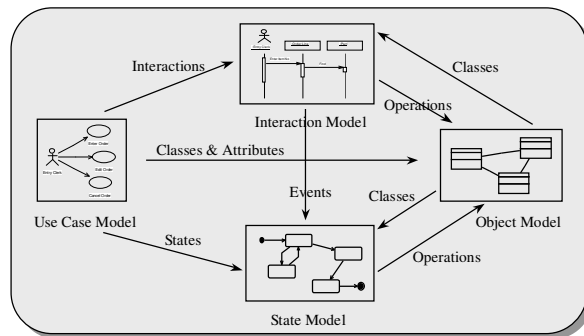
Deployment Diagram



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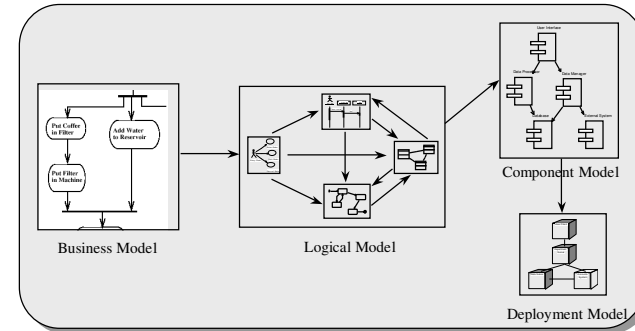
Flow of Data Between Main Views



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Flow of Data Between Subsidiary and Main Views



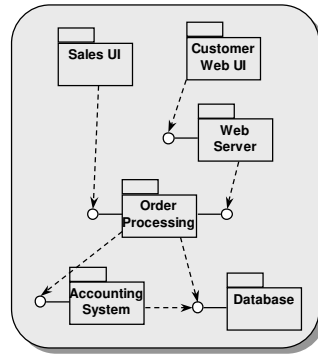
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Architecture Modelling

◆ Packages, interfaces and dependencies model

- Sub-systems
- Components
- Hierarchy
- Client-server relationships
- Architectural layering



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