

SEIS-610

Diagram Review

1

Diagrams This Semester

- Data Flow Diagrams (DFD)
- Flow Charts/Decision Trees
- Petri Nets
- State Machines
- CRC Cards (I know, not really a diagram)
- Class Diagrams
- Sequence Diagrams

2

Data Flow Diagram

FIGURE 12.3 The data flow diagram for Sally's Software Shop: second refinement.

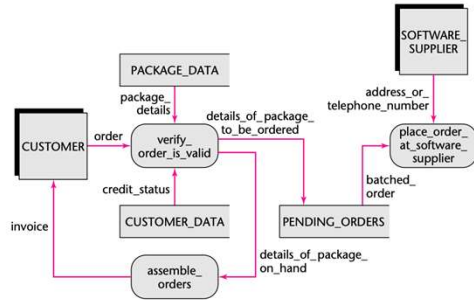
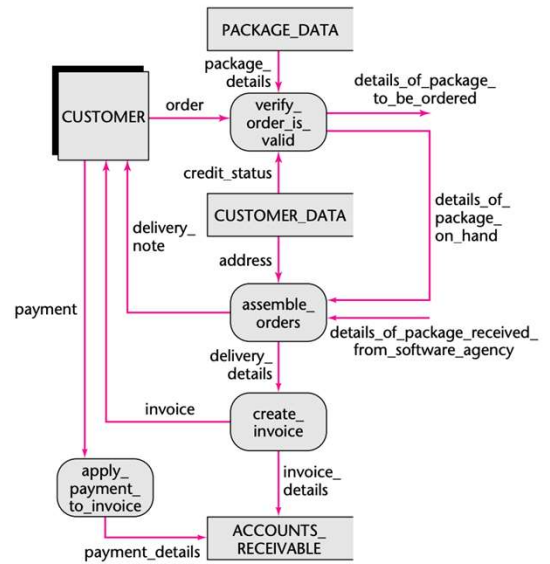
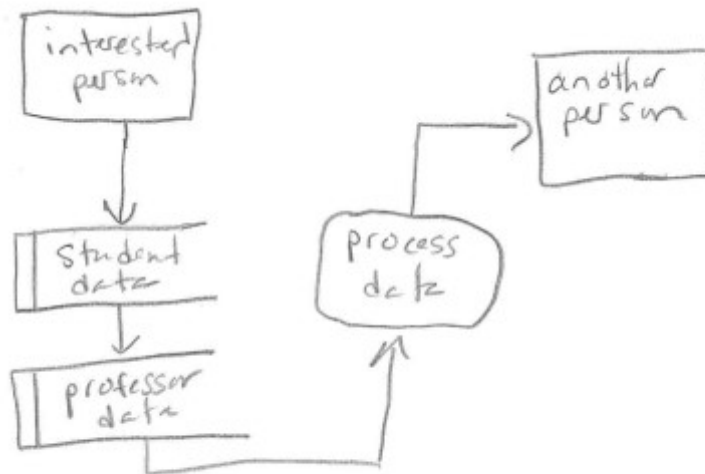


FIGURE 12.4 The data flow diagram for Sally's Software Shop: part of third refinement.



3



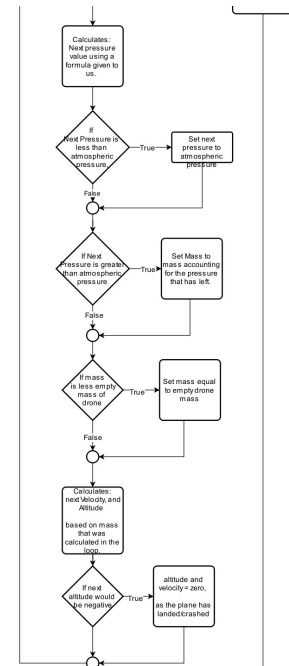
4

Decision Tree and Flow Charts

FIGURE 12.7

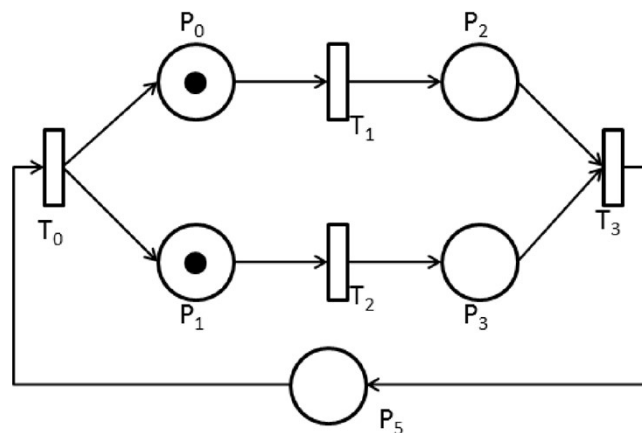
Determine football seat prices

A decision tree describing seating prices for college football games.



5

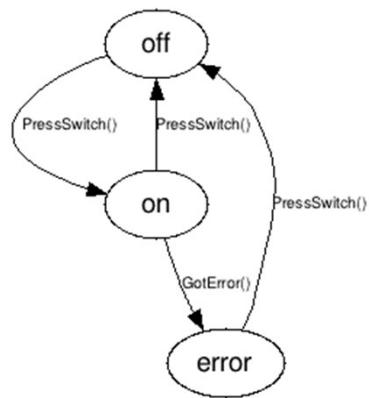
Petri Nets



<https://www.intechopen.com/books/petri-nets-manufacturing-and-computer-science/a-petri-net-based-approach-to-the-quantification-of-data-center-dependability>

6

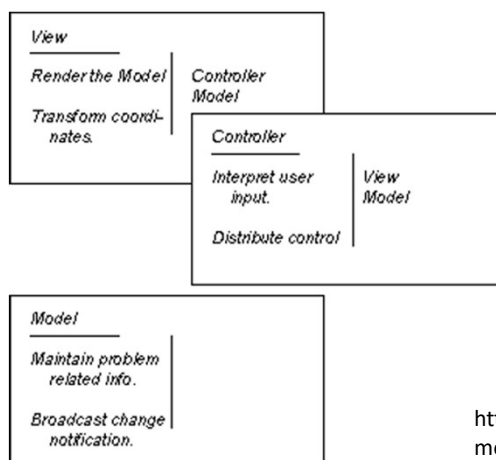
State Machine



<https://stackoverflow.com/questions/5923767/simple-state-machine-example-in-c>

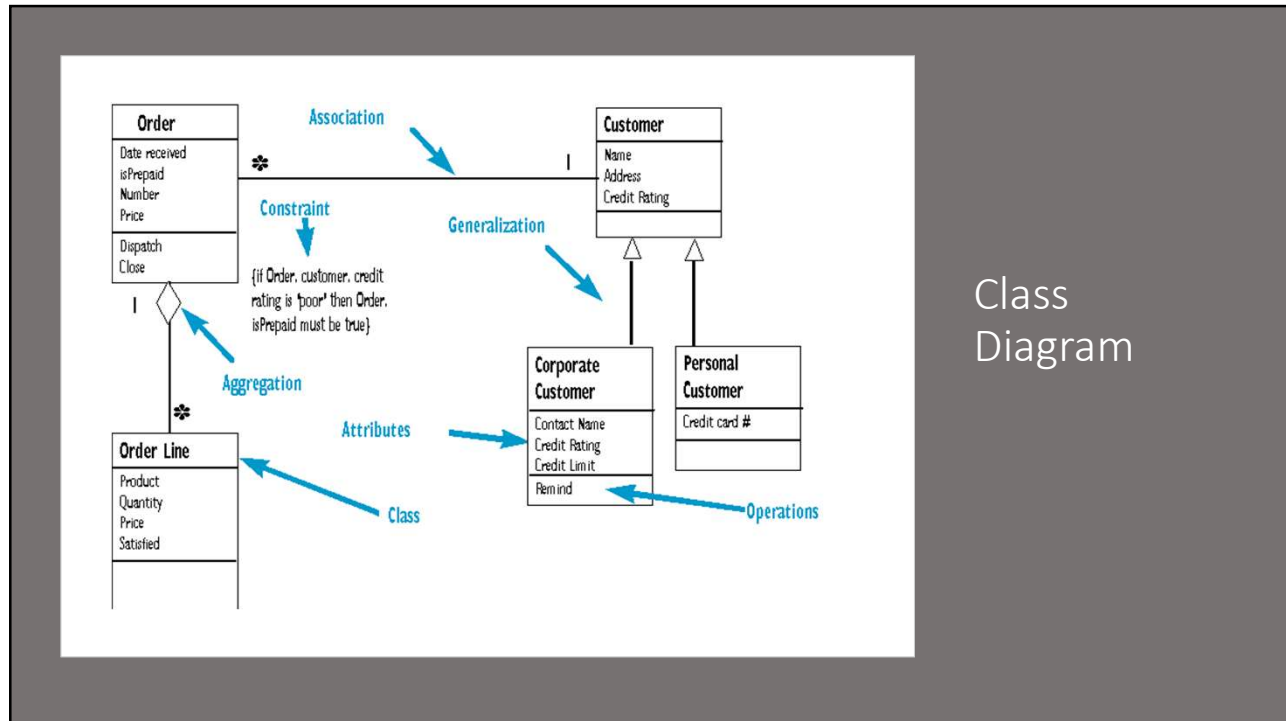
7

CRC Cards

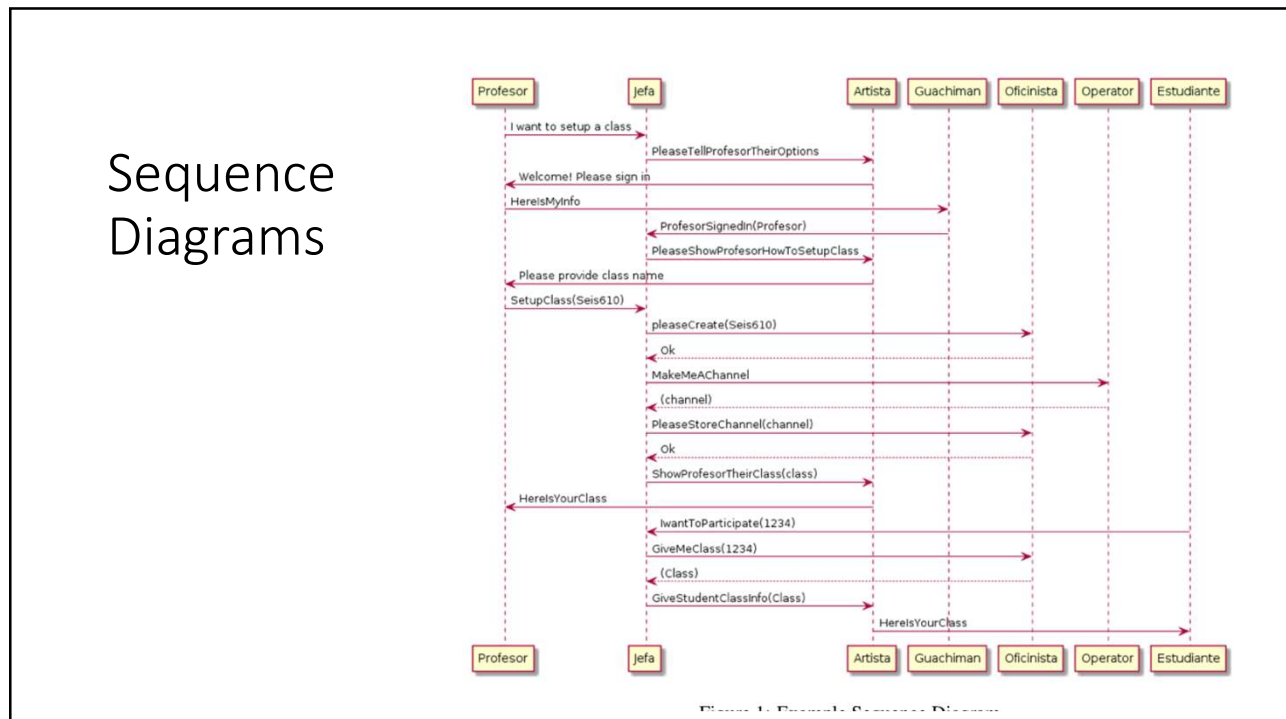


<https://stackoverflow.com/questions/29286240/crc-card-for-model-view-controller>

8



9



10

The End