Practical 3

Interaction Modelling
State Change Modelling

Some Advice (1)

- Interaction modelling
  - Write a scenario and produce a sequence diagram to illustrate it
  - Marking criteria for scenarios
    - Simple steps
    - Clear steps – non-ambiguity
  - Think carefully about the role of a system in the scenario

Some Advice (2)

- ◆ State change modelling
    - 2 statecharts based on a paragraph
        - Identify the states and the state transitions
        - Elaborate the transition labels (consideration the possible conditions, actions, events, etc.)
        - Check to see of there are any nested states (i.e. states within particular states)
    - Marking criteria
        - Meaning of states and state transitions
        - Statecharts represent object lifetimes
        - Meaning of nested states, concurrent states and history states
        - Identifying object states and events for state transitions
        - Consistency and completeness
        - Identifying nested states, concurrent states and history states