



Use Case Diagrams & Sequence Diagrams

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Outline

1. UML Use Case Diagrams
2. UML Sequence Diagrams
3. Questions ?



Dynamic Behaviour

1. To model a system the most important aspect is to capture the dynamic behaviour.
2. Dynamic behaviour means the behaviour of the system when it is running /operating.
3. UML Class Diagrams are not able to represent the dynamic behaviour of a model.
4. UML Use Case Diagrams & Sequence Diagrams.



Use Case Diagrams

1. Use Case
2. Actor
3. Boundary
4. Connection
5. Include relationship
6. Extend relationship



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Actors are portrayed in a use case diagram as a stick figure and represent external factors that will provide interaction with the system.



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One use case may be used to extend the behavior of another;



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2. Execution Occurrence
3. Messages
4. Lifeline Start and End



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A lifeline may be created or destroyed during the timescale represented by a sequence diagram. In the latter case, the lifeline is terminated by a stop symbol, represented as a cross.



Questions??
