OBJECT-ORIENTED LANGUAGE AND THEORY

13. UML DIAGRAMS

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Common diagrams in UML

Use-case diagram
Class diagram
Object Diagram
State machine
Activity diagram
Interaction diagrams
Deployment diagram

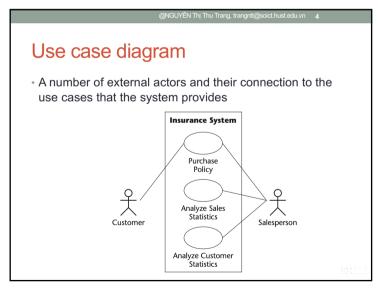
4+1 UML Views

No single model is sufficient. Every non-trivial system is best approached through a small set of nearly independent models.

Create models that can be built and studied separately, but are still interrelated.

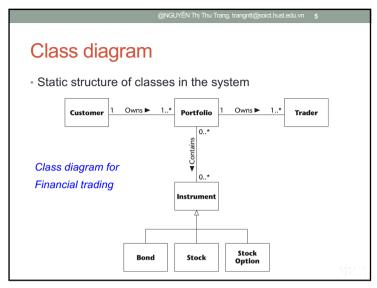
Logical View Implementation View System End-user Functionality Deployment View System integrators Performance, scalability, throughout Installation, communication in the studied separately.

2

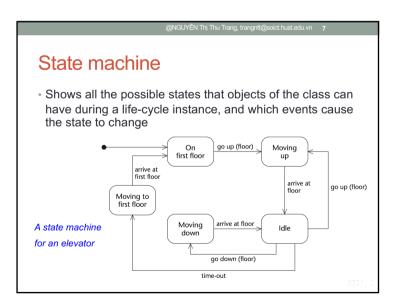


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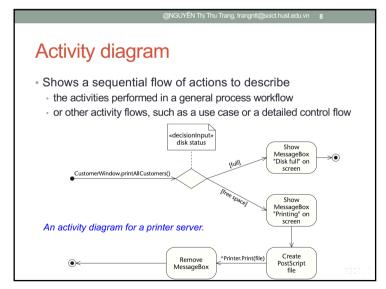
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@NGUYĚN Thị Thu Trang, trangntt@soict.hust.edu.vn 6 Object diagram · Shows a number of object instances of classes, instead of the actual classes Computer name: String name : String Class Diagram **Bob's Job PC:** Computer **Bob: Author** name = "Bob I." Object Diagram age = 32 **Bob's Home PC:** name = "AMD K6"

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