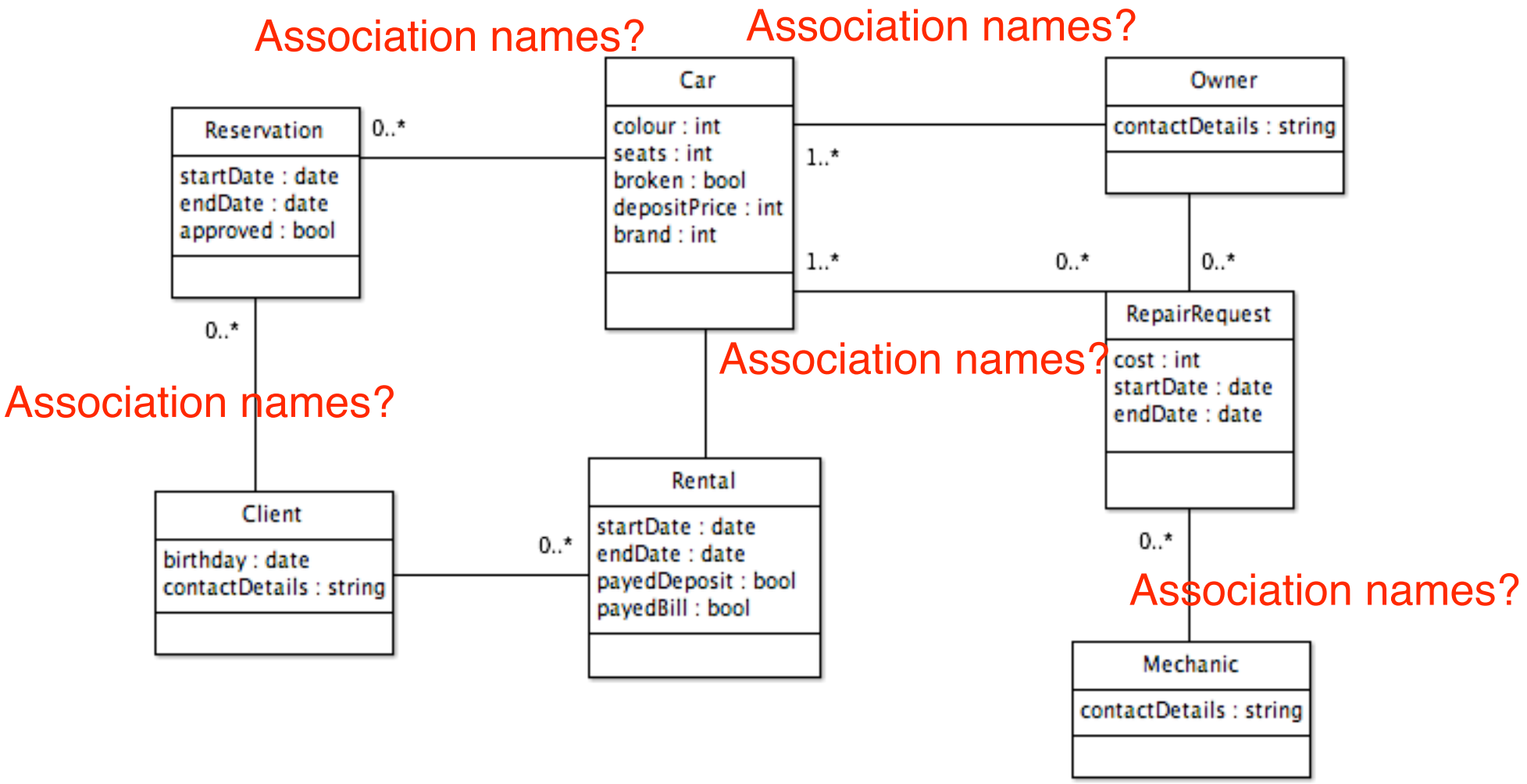
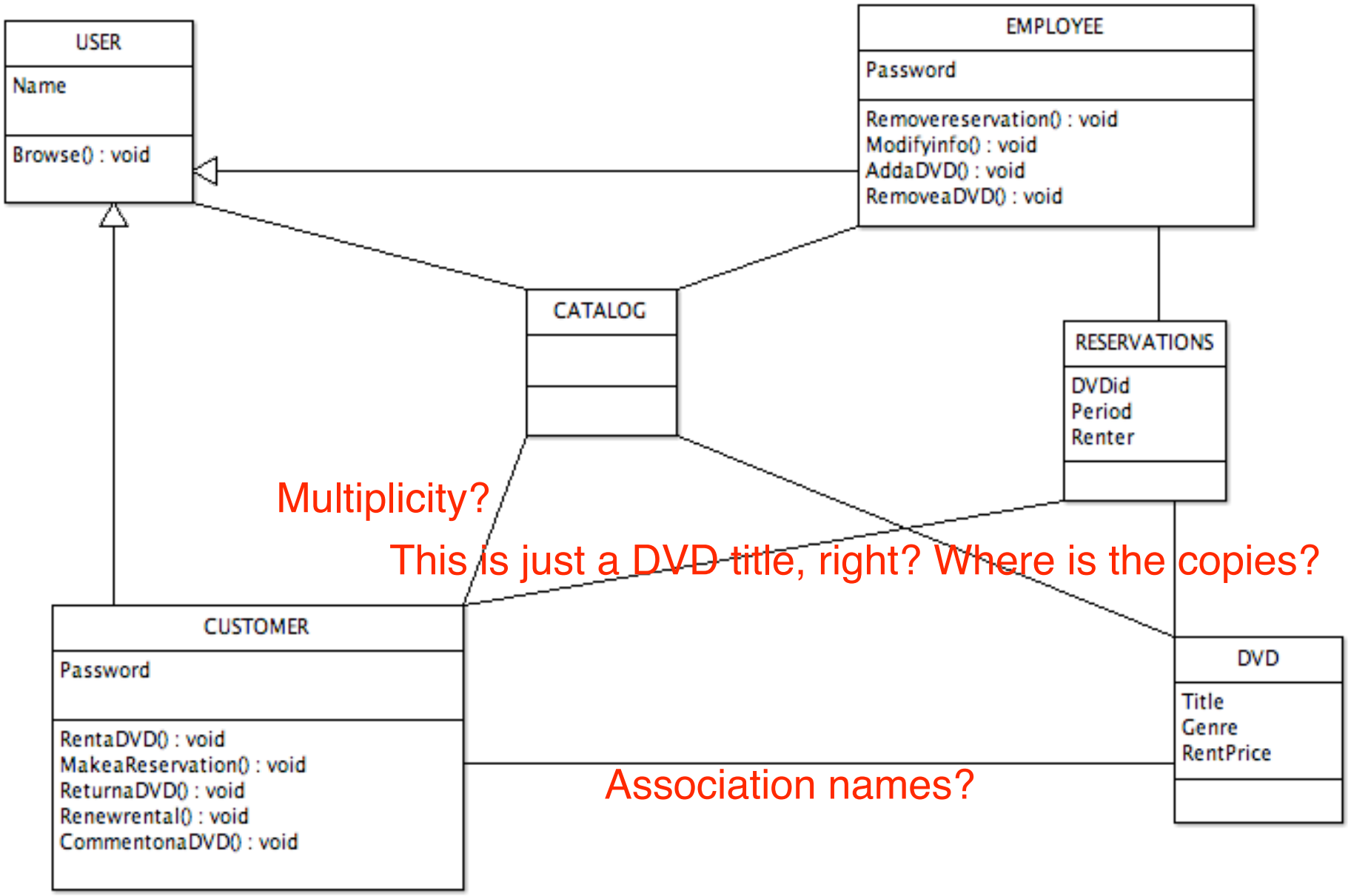
Afternoon Sessions

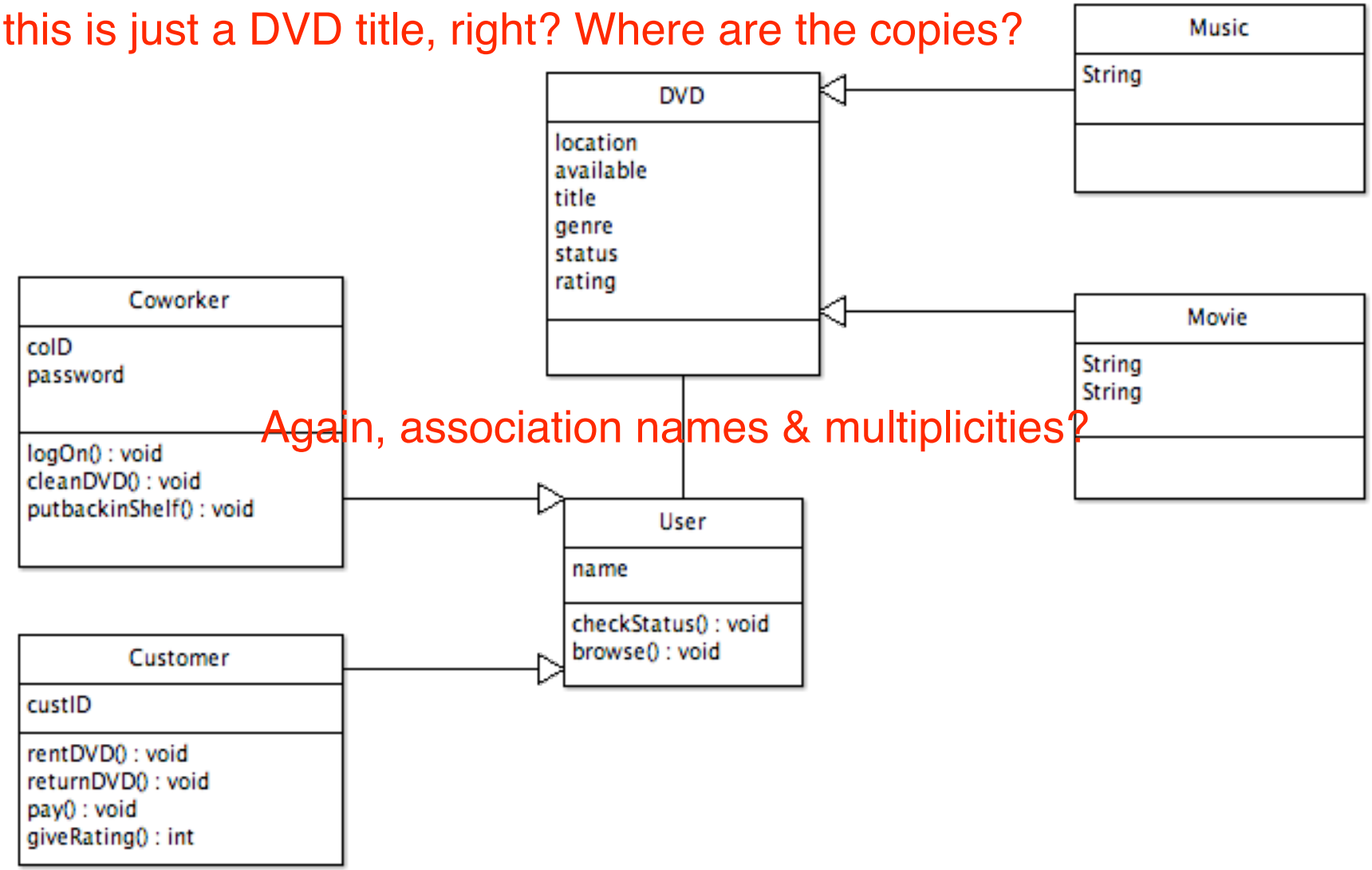
Session 1 (Oct 18) : Modeling Use Case Diagram
Session 2 (Oct 25) : Documenting Use Cases & Creating Activity Diagrams
Session 3 (Nov 1) : Modeling Class Diagrams
Session 4 (Nov 8) : Modeling Sequence Diagrams: Use case realization
Nov 15 *: No Class*
Session 5 (Nov 22) : Case Study
Session 6 (Nov 29) : Evaluation


Association names?
Association names?
Car
colour : int
seats : int
broken : bool
depositPrice : int
brand : int
Owner
contactDetails : string
Reservation
startDate : date
endDate : date
approved : bool
0..*
1..*
1..*
0..*
0..*
0..*
RepairRequest
cost : int
startDate : date
endDate : date
Association names?
Association names?
Client
birthday : date
contactDetails : string
0..*
Rental
startDate : date
endDate : date
payedDeposit : bool
payedBill : bool
0..*
Association names?
Mechanic
contactDetails : string



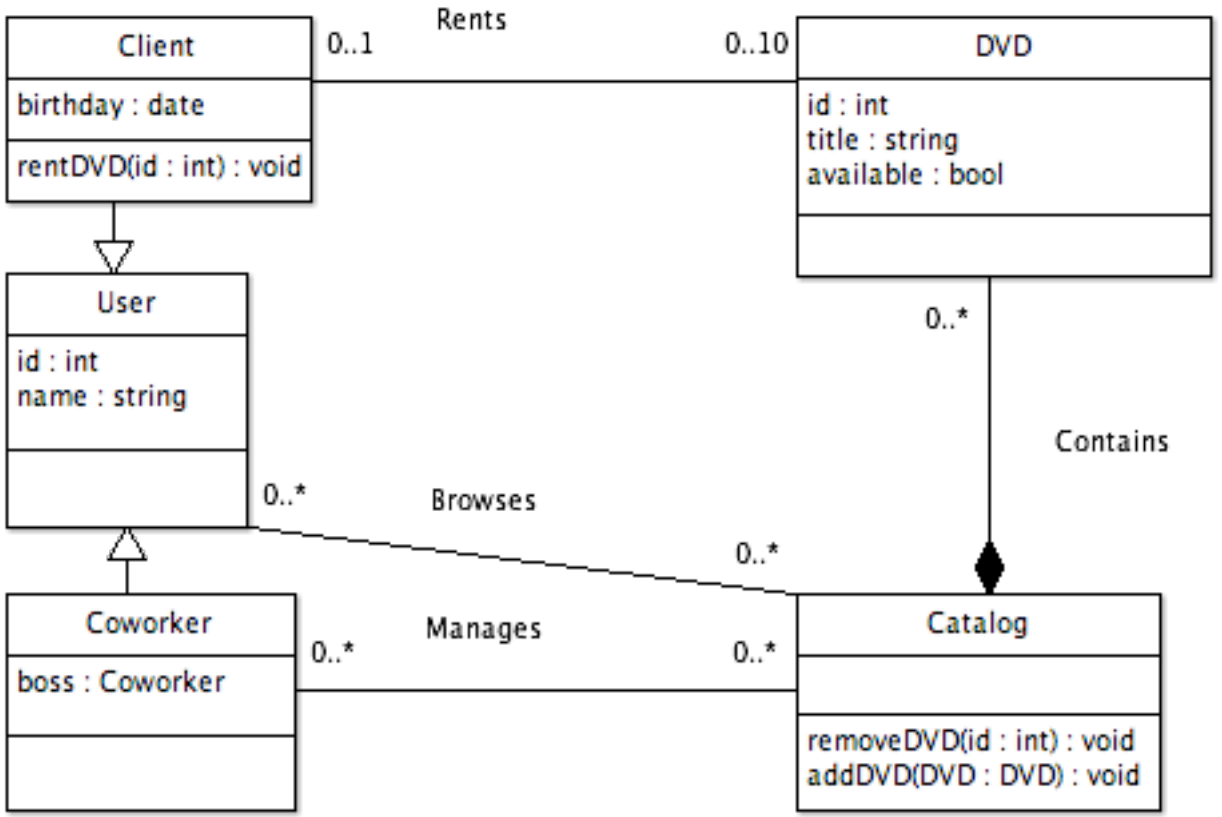
It's difficult to understand business model in this level of detail!

Again, this is just a DVD title, right? Where are the copies?

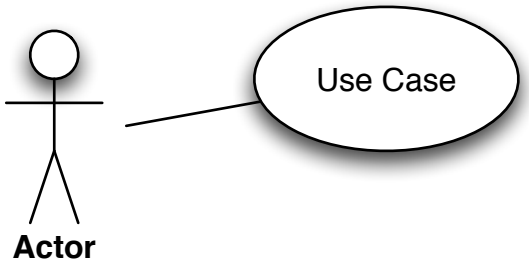


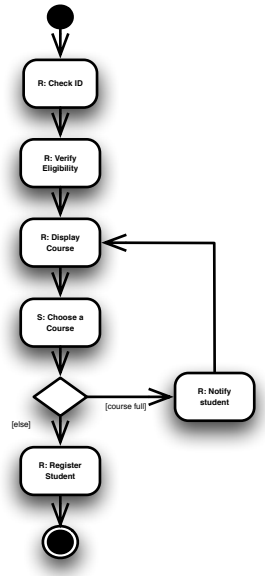
Hmmm, looks good..

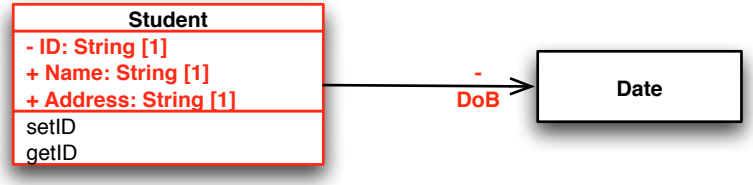
This is just a DVD title, right? Where is the copies?

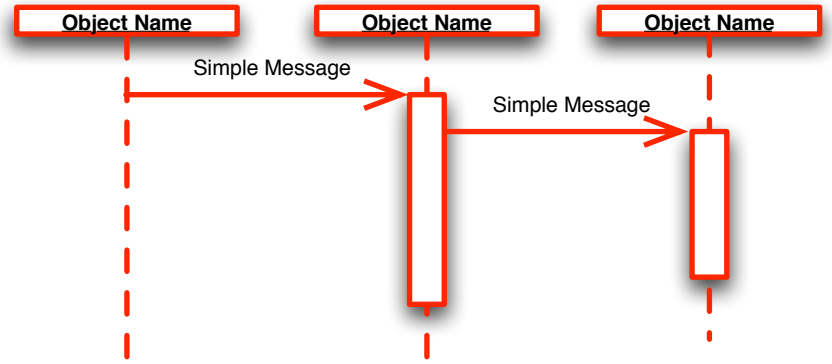


Overview of things We have Learnt





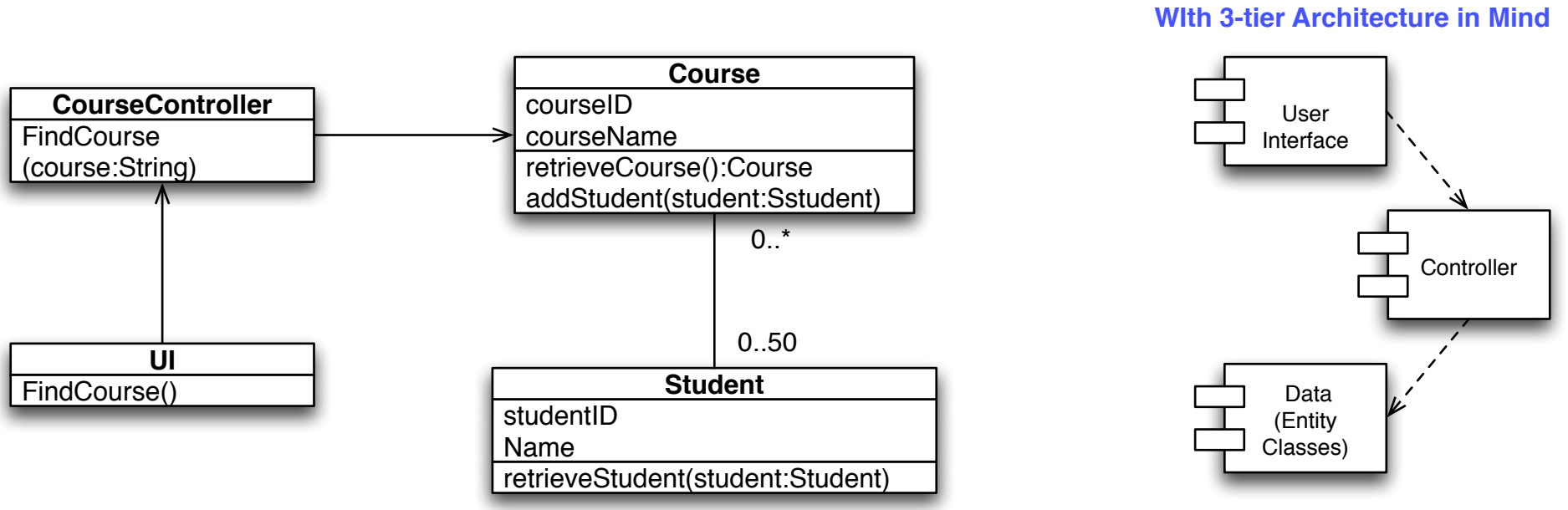


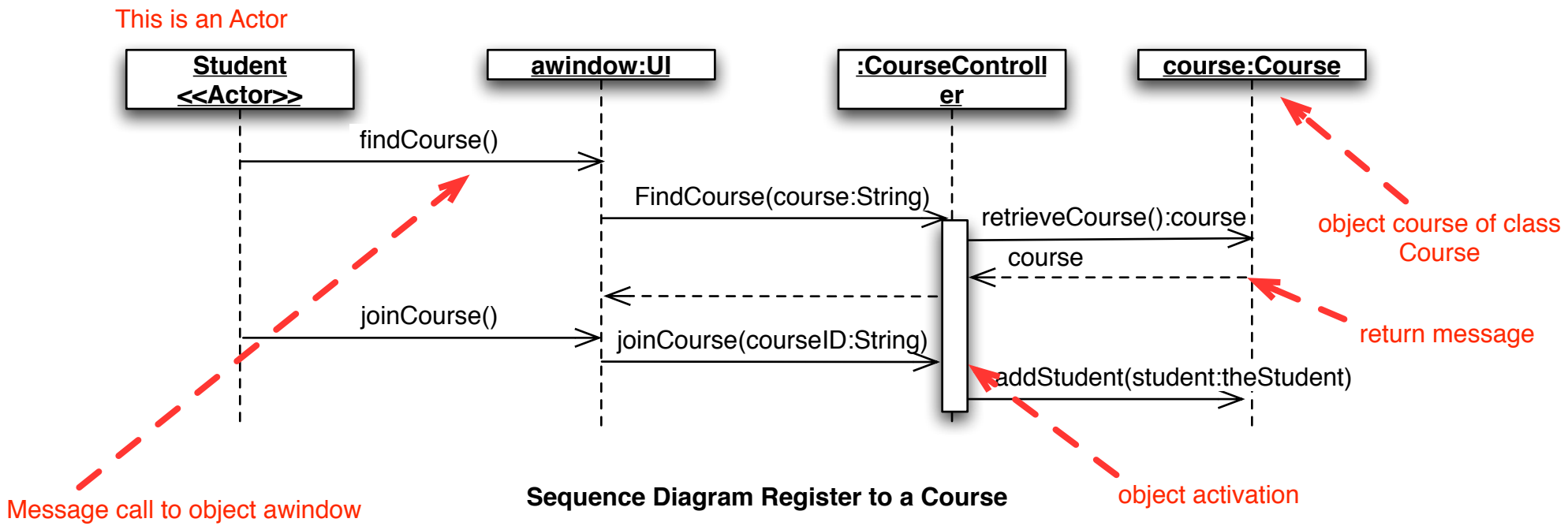


Sequence Diagram
"A diagram that depicts interaction between objects"

Important to know about Seq. Diagram:
1. One sequence diagram generally related to a use case.
2. SD visualizes interaction between objects in realizing behaviors.
3. SDs (and CDs) are generally used as a basis for system implementation.
4. An SD shows an order of message callings between objects.

Example: Student Register to a Course





Sequence Diagram Register to a Course

Practical Assignment

Make a sequence diagram for each of the use case in the DVD Rental System!

Remember: Focus on the interaction between objects and its logics. (Keep your diagram simple).

You can use microsoft visio if necessary..

* In groups of two students
* Create and save your models in ArgoUML
* Send your models to **anugroho@liacs.nl**