

# Homework #8 - Deliverable 5

## due: 2 December

- 1. Exec Summary
- 2. Revisit Use Cases
- 3. The Analysis Model
  - Class Diagrams
  - Interaction Diagrams
- 4. Non-Functional Specifications

# Deliverable #5 Analysis Model - Static

- **VOPC.** Include boundary classes together, control classes together, and entity classes together all without associations to other classes. (a one-page drawing) Merely separate the classes from each other. This should partition all the classes by type. Include all attributes / methods with each class, but no connectivity. This is the View of Participating Classes. Example is found in my slides.
- Follow this with a **fully 'connected' model** - for each **use case**. Use those analysis classes appropriate to the use case and associate the classes.
- Class structure may be realized with the standard stereotyped classes or the RUP icons
- These should be modeled in RTC

# Deliverable #5 Analysis Model -

## **Traceability**

- Remember, the validity of the model is simply determined: can one look at any path through a use case (scenario) and see where/which objects will accommodate all the functionality captured in this scenario?
- Can the functionality be traced (with your finger...) through the objects as you read through the path description?
- Each developer should be responsible for his/her own traceability. This will be demonstrated in class.
- This is the check to make! **Verify Traceability!!!**