



UML Activity Diagrams Workshop



UML Activity Diagrams

- Activity diagrams are useful for describing software design processes.
- Vocabulary
 - Activity, action,
 - Object node, activity edge,
 - Decision node, merge node, guard,
 - Fork node, join node



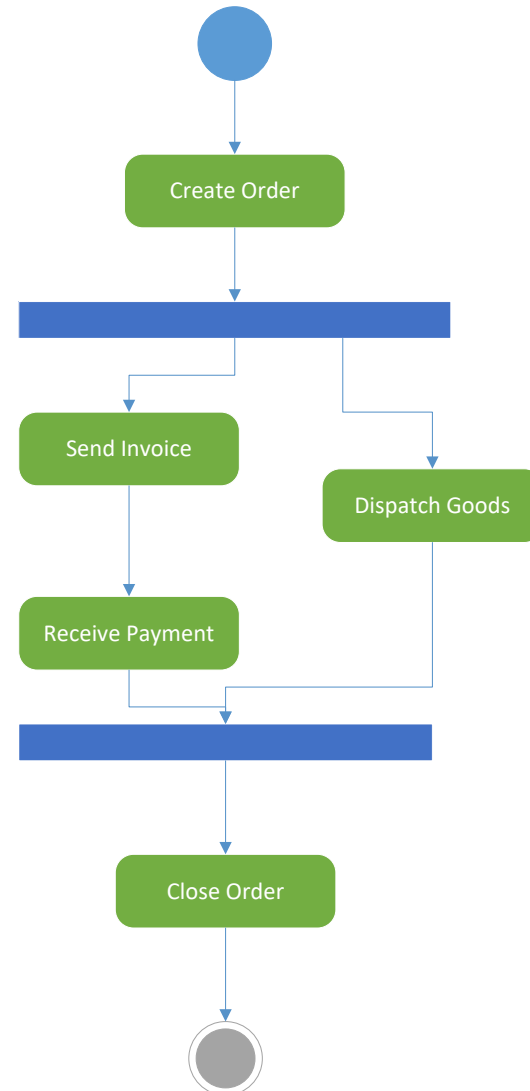
Agenda

- Answer questions first individually, and then evaluate the answers in teams of two
- Each person should maintain a report
- Ask questions and verify your answers
- If you do not finish all exercises during the class, you should finish at home



Order AD (with Concurrency)

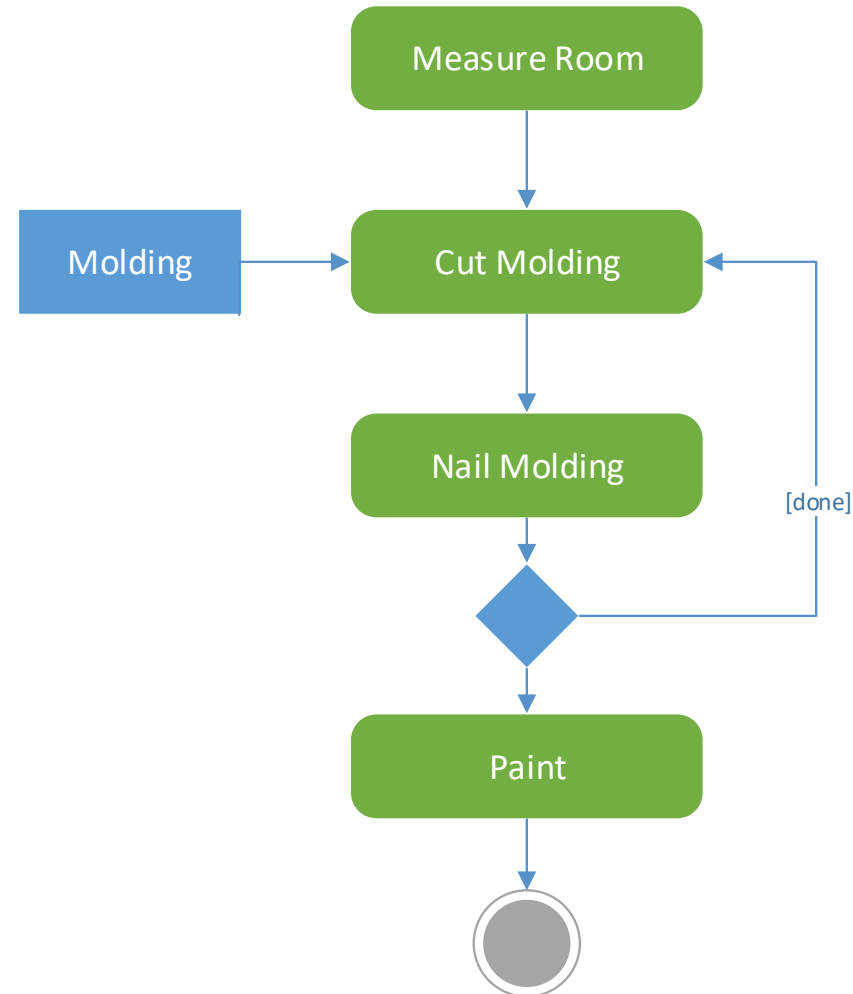
- Concurrency denoted by fork and join nodes.



Find the Errors

- Identify three mistakes in the activity diagram Trim A Room

Trim A Room





Finding Book in Library

- Draw an activity diagram modeling the process of finding a book in the digital library and checking it out



Applying for University

- Draw an activity diagram modeling the process to apply for university
 - Your diagram should have concurrent flows



Assessment

1. What did your team do especially well or poorly?
2. How could you improve your team's performance next time?