

### Administrivia

- Reminder: Requirements analysis due today (by 5pm). Hardcopy or e-mail.
- Next phase will be a midterm report describing your design. Due Monday after spring break.

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### Midterm Report — What to Include

- A summary of your requirements analysis, revised if necessary.
- A short overview of your implementation (see revised project description).

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### UML Activity Diagrams

- Activity diagrams show overall flow of control for a use case — very similar to flowcharts.
- These may be helpful in thinking about control flow. (Example.)

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### UML Class Diagrams

- You've probably seen these before (in PAD II).
- Many features, some of them not easy to understand. Some that will likely be useful ...

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### UML Class Diagrams — Individual Classes

- Class name.
- Attributes (with visibility, static/non-static).
- Operations (with visibility, static/non-static).
- (Example.)

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### UML Class Diagrams — Relationships Among Classes

- Generalization (inheritance) and interfaces.
- Association.
- Several others, somewhat more obscure.
- (Example.)

## UML Deployment Diagrams

- One more kind of diagram that may be useful at this stage — deployment diagram.
- Many aspects are more complex than we need, but these seem like a useful way of describing, e.g., a Web-based application with client and server parts.

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## Minute Essay

- None — sign in.

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