

Administrivia

- Requirements analysis for project due Friday (was today, deadline extended).
- Next step is midterm report/evaluations (due March 16):
Report (one per group) — design for your implementation. Include UML class diagrams, possibly other kinds (e.g., activity or sequence diagrams).
Evaluations (one per student, form to be provided online soon) — describe your role in the group, others' contributions.

Slide 1

UML Activity Diagrams

- Activity diagrams show overall flow of control for a use case — very similar to flowcharts.
- For our design project, they may not be needed, but use them if you think they will help!

Slide 2

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 . . .

Slide 3

UML Class Diagrams — Individual Classes

- Class name.
- Attributes (with visibility, static/non-static).
- Operations (with visibility, static/non-static).
- (Bank account example.)

Slide 4

Slide 5

UML Class Diagrams — Relationships Among Classes

- Generalization (inheritance) and interfaces.
- Association.
- Several others, somewhat more obscure.
- (Bank account example.)

Slide 6

Minute Essay

- How have things been going in your group?