CIS 422/522 Overview

Projects and Teams
Weekly Schedule
Term Schedule
Grading
Projects

• 2 projects, 5 weeks each
  – Project 1: Web site mapper
    • Unless you have a better idea ...
  – Project 2: TBD
    • Suggestions?

• Technically simple, but high expectations
  – Solid freeware quality
  – Complete product includes internal and external documentation, tests
Teams

• Form teams of 4-5 people
  – your choice; optional regroup at midterm
  – the most important decision you will make

• Project grades are group grades
  – Every member responsible for every part
  – Members will evaluate each other (GMEs)
What is a Great Team?

• Diverse Skills
  – People skills, communication and writing skills, design skills, implementation skills and knowledge

• Coherence
  – Ability to build and maintain a shared vision
  – Shared expectations

• Mutual Respect and Responsibility
  – You don’t have to like each other, but you need to trust each other — and to earn your teammates trust
Diverse Skills (1)

- At least one person with experience in team projects, preferably with some management experience.
- At least one person with strong skills in programming and program design, preferably including networking.
- At least one person with strong communication skills and good written English.
Team Roles

- Manager: responsible for schedule
- System architect
- Quality control
- Technical documentation
- User documentation
- User interface
- Configuration control (build-master)

Not 1-1 with people. Backup for each role.
Weekly Schedule

• Monday, Wednesday: Lectures
• Friday: Presentation or discussion
• Exceptions as required for project schedule and other commitments
Term Schedule

• **Project 1:** 4 weeks + 1 week presentation
  • Week 1: form teams
  • 2: Project concept document
  • 3: First working prototype (GME 1)
  • 4: Hack like crazy (no class), turn in
  • 5: Present project to class (GME 2)

• **Project 2:** 4 weeks + 1 week presentation
  - More requirements elicitation
  - More design documentation
Grading

- 60% Projects (30+30)
  - Includes presentations, intermediate deliverables
- 40% Exams (15+25)
  - Take home midterm?