Requirements

• What, not how
• Why?
  • Understand what’s needed
  • Communicate this to all
  • Control production to get what you want
Requirements

1. purpose and scope
2. terms / glossary
3. use cases
4. technology used
5. other
   a. development process—participants, values (fast-good-cheap), visibility, competition, dependencies
   b. business rules / constraints
   c. performance demands
   d. security (now a hot topic), documentation
   e. usability
   f. portability
   g. unresolved / deferred
6. human issues: legal, political, organizational, training
Tools: SVN

• `svn co svn+ssh://attu.cs.washington.edu/projects/instr/cse403/cse403x/`

• `svn add <foo>`, `svn ci`, `svn up`, `svn diff`, `svn log`, `svn status`...

• SVN Book: [http://svnbook.red-bean.com/](http://svnbook.red-bean.com/)
Bug Tracking

• Bugzilla
• Trac
• Assembla
• Google Docs Spreadsheet
Project planning and scoping

- Things always take longer than you think
- 80% of features working vs 100% of features not working
- Don’t be too ambitious or too cautious
- Manage risk, not eliminate it