**More Project Management**

Waterfall model

* Requirement Analysis
  + Identify all the stakeholders for the project
    - Understand how stakeholders will be affected by the projects outcome
    - Understand what the stakeholder’s involvement or influence will be in the project
  + Without this planning you may miss key stakeholder’s involvement, requiring additional sessions to get their inputs.
* System Design
* Implementation
* Testing
* Deployment
* Maintenance
* Elicitation
  + Observation
  + Interview with stakeholders\JAD sessions
    - Joint Application Design
    - Workshop where knowledge workers, IT specialists, and management meet to define and review business requirements
  + User Stories
  + User cases
* Good Requirements
  + Complete
    - Requirements should be as complete as possible – no open ended requirements
  + Testable
    - Must be able to create a test for all requirements
  + Consistent
    - Requirements must be consistent with each other, no conflicts
  + Design Free
    - Software requirements should be specified in the business perspective rather than the software perspective
* Requirements Document
  + Simples, complete and well structured
  + 4 key points
    - Description of problem
    - Basic approach of problem
    - Constraints
    - How success will be measured.