Chapter 4
The Software Team

Requisite's 6 team skills for effective requirements management

Software Development as a Team Activity

- "Software development has become a team sport." Grady Booch
- The requirements management process touches every team member in different ways.
- Effective requirements management can be accomplished only via an effective software team.
- One of the most interesting things about teams is that individual team members have different skills

Team Skills for Effective Requirements Management

- **Team Skill 1: Analyzing the Problem**
  - A set of techniques the team can use to gain a proper understanding of the problem that a new software system is intended to solve.
- **Team Skill 2: Understanding User and Stakeholder Needs**
  - A variety of techniques the team can use to elicit requirements from the system users and stakeholders.

Team Skills for Effective Requirements Management *(Cont'd)*

- Team Skill 3: Defining the System
  - The initial process by which the team converts an understanding of the problem and the users' needs to the initial definition of a system that will address those needs.
- Team Skill 4: Managing Scope
  - The ability to do a better job of managing the scope of the project.

Team Skills for Effective Requirements Management *(Cont'd)*

- Team Skill 5: Refining the System Definition
  - Organizing the requirements information through a set of techniques the team can use to elaborate on the system definition, or refine it to a level suitable to drive design and implementation.

Team Skills for Effective Requirements Management *(Cont'd)*

- Team Skill 6: Building the Right System
  - Technical aspects of design assurance, testing, and change management, and how traceability can be used to help ensure a quality outcome.

Reading Assignment

- Read HOLIS case study in page 37.

Key Points

- Effective requirements management can be accomplished only by an effective software team.

- Requirements management touches every team member, albeit in different ways.

- Effective requirements management requires mastering six team skills.