Requirements

- A requirement is a feature that must be included in a new system.
- It may be a way of capturing, processing or producing information

- Functional Requirements
- Non-Functional Requirements
- Implicit Requirements
- Explicit Requirements

Requirement Determination

It involves studying the current business system to find out how it works and where improvements should be made.

- Requirements Anticipation
- Requirements Investigation (Interview, Questionnaire, Observations, Record Review etc.)
- Requirements Specification

Basic Requirements

What is the basic business process?

What data are used or produced during that process?

What are the limits imposed by time and the volume of work?

What performance controls are used?

Understanding a Process

- What is the purpose of this business activity?
- What steps are performed?
- Where are they performed?
- Who performs them?
- How long does this take?
- How often is it done?
- Who uses the resulting information?

Developing a System Profile

Volume
- What volume of activity occurs?
- How frequently does it occur?
- Does the activity occur according to any cycle?

Control
- What areas need specific control?
- What control methods are currently used?
- What yardsticks are used to measure and assess performance?
- What methods of detecting lapses in control are used?
- Are specific security precautions taken to safeguard against improper activity
- Are there methods of avoiding the system?

Data

- What data enters the system? What is the origin of this data?
- In what form data is received?
- What data items are stored in the system?
- Who uses the information produced by the system?
- What is it used for?
- What data are often missing
- What reference tables, charts or others are used?
- Are any data developed on ad hoc basis?

Other

- Who are the key persons in the system? Why are they important?
- What obstacles or political influences affect the system efficiency?