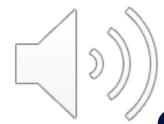


# Investigating System Requirements



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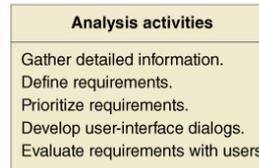




# Systems Analysis Technology

- **Core Process 3 in the SDLC**—includes activities related to systems analysis, including:

- ✓ Gather detailed information
- ✓ Define requirements
- ✓ Prioritize requirements.
- ✓ Develop user-interface dialogs
- ✓ Evaluate requirements with users



Core processes	Iterations					
	1	2	3	4	5	6
Identify the problem and obtain approval.	○	○	○	○	○	○
Plan and monitor the project.	○	○	○	○	○	○
Discover and understand details.	○	○	○	○	○	○
Design system components.	○	○	○	○	○	○
Build, test, and integrate system components.	○	○	○	○	○	○
Complete systems tests and deploy the solution.	○	○	○	○	○	○

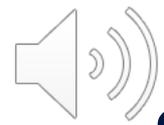
- Objective:
  - understand *in great detail* what the information system needs to accomplish

- Note:
  - Analysis activities may integrate with other activities in SDLC



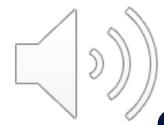
# Systems Analysis Activities

- Gather Detailed Information
  - Interviews, questionnaires, documents, observing business processes, researching vendors, comments and suggestions
- Define Requirements
  - Modelling functional requirements and non-functional requirements
- Priorities Requirements
  - Essential, important, vs. nice to have
- Develop User-Interface Dialogs
  - Flow of interaction between user and system
- Evaluate Requirements with Users
  - User involvement, feedback, adapt to changes



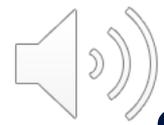
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