

# Feasibility Analysis of Candidate systems

- During the decision analysis phase of system analysis,
  - Identifies candidate system solutions
  - Analyses the solution for feasibility
- Can use two alternatives to compare and contrast candidate system solutions
  - Candidate System Matrix
  - Feasibility Analysis Matrix

**Use A Matrix  
Format**

# Candidate Systems Matrix

- Used to document similarities and differences between candidate systems
  - Compare candidate systems
  - Offers no analysis
  - Columns represent candidate solutions
  - Rows represent characteristics that differentiate the candidates

# Candidate Systems Matrix

- Example

	Candidate 1 Name	Candidate 2 Name	Candidate 3 Name
Stakeholders			
Knowledge			
Processes			
Communications			

Template

# Candidate Systems Matrix

- Example

	Candidate 1 Name	Candidate 2 Name	Candidate 3 Name
Stakeholders	<b>Identify how the system will interact with people, and other systems</b>		
Knowledge			
Processes			
Communications			

Template

# Candidate Systems Matrix

- Example

	Candidate 1 Name	Candidate 2 Name	Candidate 3 Name
Stakeholders	<b>Identify how data stores be implemented, inputs will be captured, outputs will be generated</b>		
Knowledge			
Processes			
Communication			

Template

# Candidate Systems Matrix

- Example

	Candidate 1 Name	Candidate 2 Name	Candidate 3 Name
Stakeholders	<b>Identify How (manual) business process will be modified, how computer processes will be implemented</b>		
Knowledge			
Processes			
Communications			

Template

# Candidate Systems Matrix

- Example

	Candidate 1 Name	Candidate 2 Name	Candidate 3 Name
Stakeholders			
Knowledge			
Processes			
Communications			

**Identify how  
processes and data  
will be distributed.**

Template

# Feasibility Analysis Matrix

- Used to rank candidate systems
  - Columns represent candidate response
  - Rows correspond to the feasibility criteria
  - Cell contain the feasibility assessment notes for each candidate



# Feasibility Analysis Matrix

	Weighting	Candidate1	Candidate2	Candidate3
Description				
Operational Feasibility				
Cultural Feasibility				
Technical Feasibility				
Economic Feasibility				
Schedule Feasibility				
Legal Feasibility				
Weighted Score				