

1. Identify Risks						2. Analyze Risks							
Factors		Risks	Levels				Factors		Risks	Levels			
			Application	System	SoS	Business				Application	System	SoS	Business
1. Lack of communication		Incorrect Requirements Gathering	-	-	✓	✓	1. Lack of communication		Redundant Systems	✓	✓	✓	-
Includes	Stakeholder misalignment						Includes	Stakeholder misalignment					
	Lack of Analysis							Lack of Analysis	Incorrect tool choices				
	Short term thinking							poor planning					
2. Inefficient Design		Energy Consumption	✓	✓	✓	-	2. Profit driven decisions		Resource waste in Cloud	✓	-	-	✓
Includes	algorithm inefficiency	System Complexity											
	SoS design inefficiency												
	Lack of interopetability												
	Inefficient coding												
Lack of optimization		Non optimized software											

4. Make Decisions						3. Prioritize Risks							
Factors		Risks	Levels				Factors		Risks	Levels			
			Application	System	SoS	Business				Application	System	SoS	Business
1. Inefficient Design		Architecture Optimization ignorance	-	✓	✓	-	1. Lack of communication		Incorrect Requirements Gathering	-	-	✓	✓
Includes	poor architecture						Includes	Stakeholder misalignment					
	SoS design inefficiency							Lack of Analysis					
	wasteful architecture							communication gaps					
2. Government Policies		Government Regulations	-	-	-	✓	2. Inefficient Design		High energy consumption in Cloud services	-	-	✓	-
Includes	legal frameworks						Includes	poor architecture					
								SoS design inefficiency					
							3. External Regulations		Regulatory Compliance				
							Includes	Public perception					
								Brand reputation					