





























Scenario Portion	Possible Values				
Source	End-user, developer, system-administrator				
Stimulus	Add/delete/modify functionality or quality attribute				
Artifact	System user interface, platform, environment				
Environment	At runtime, compile time, build time, design-time				
Response	Locate places in architecture for modifying, modify, test modification, deploys modification				
Response Measure	Cost in effort, money, time, extent affects other system functions or qualities				

























Pattern	Modifiability										
	Increase Cohesion		Reduce coupling					Defer Binding Time			
	Maintain Semantic Coherence	Abstract Common Services	Use Encapsulation	Use a Wrapper	Restrict Comm. Paths	Use an Intermediary	Raise the Abstraction Level	Use Runtime Registration	Use Start-Up Time Binding	Use Runtime Binding	
Layers	x	x	x	_	x	x	x				
Pipe-and-Filter	x		х		x	x			x		
Blackboard	x	x			x	х	x	x		x	
Broker	x	x	х		x	x	x	x			
Model-View- Controller	x		x			x				x	
Presentation- Abstraction- Control	x		x			x	x				
Microkernel	x	x	х		x	х					
Reflection	x		x	1							

dules Responsibilities Dep	endencies 🛛 Scenario	os Design Bots	Diagram Analys	is Panel		
New Analysis Configuration						
nalysis Configurations						
ID * Scenario	Туре	Design Bot	Enable	Actions		
9 S1	Modifiability	DB1	true			
10 51	Modifiability	082	true	2 U U U		
Predictive (Fast)	Output					
Backtracking (Slow)	Scenario	Actual	Analysis 8	Analysis 6	Analysis 7	Analysis 5
👸 Run Full Analysis 🛛 🧠 Clea	M1	1.5	~1.5	1.183	1.465	1.169
Output	M2	1.25	~ 1.25	1.028	1.159	1.083
S	М3	1.25	~ 1.25	1.179	~ 1.25	1.179
	P1	0.167	~ 0.167	0.9	0.833	L 0.9
	P2	0.278	~ 0.278	2.722	1.389	2.722
	P3	0.313	~ 0.313	L 2.75	L 2.75	275
	P4	0.219	~ 0.219	~ 0.219	~ 0.219	~ 0.219
	P5	0.438	~ 0.438	1.813	1 0.313	1.813









































