				Create models Utilize models								Manage models				
			Visualiz	Visualize models Create models		Create views Analyze models						Dorivo Jogo opo	Re-use models			
			Visualize model	Position model	Create model	Define attributes	Link model	Navigate in model	Combine information in	Evaluate model	dentify conflicts	Generate	Version models	learned		
		Identify stakeholders	elements	elements	[29]	a properties	elements		model	content		[29]				
Analyze stakeholder requirements	Elicit stakeholder requirements	Describe stakeholders			[15]	[15]			[15]			[=0]				
		Categorize stakeholders Include stakeholder requirements			[9], [29], [35]							[8], [29]			[8], [9]	
	Define stakeholder requirements	Describe stakeholder requirements			[9]	[7]						[5], [8], [27]			[8], [9]	
		Link stakeholder requirements					[1], [4], [18]									
	Analyze stakeholder requirements	Review stakeholder requirements	[4]			[7]		[3], [4]		[3] [20]	[3] [20]					
		Structure stakeholder requirements	[17]	[17]		[7]	[1] [17]									
	Manage stakeholder requirements	Determine responsibilities	,	,			[1][1]]				[13]					
Analyze system	Analyze services of the system (use	Identify use cases									[13], [16] [16]					
	cases)	Structure use cases									[16]					
		Link use cases with stakeholders Identify activities					[18]				[13], [16]					
	Define activities to achieve the system services Define interaction of the system with	Describe activities									[13], [16]					
		Define activity flows									[16]	[27]				
		Identify context elements									[13], [16]					
	the environment	Structure context elements									[16]	(0 - 7)				
	Specify requirements in relation to	Define relationships in the system context Analyze stakeholder requirements for compliance	[4]					[4]		[3][20]	[20]	[27]				
Derive system requirements	stakeholders	Refine stakeholder requirements				[7]										
	Assure stakeholder acceptance	Incorporate feedback														
	Specify use case requirements	Identify functions			[35]						[13], [16]					
		Derive requirements from use cases Link requirements to use cases					[18]									
	Specify requirements in relation to	Record requirements from system context			[9], [35]	[]	<u> </u>					[8]			[8], [9]	
	the environment	Link requirements from system context			[9]	[/]	[18]					[8]			[8], [9]	
	Analyze system requirements	Ensure technical feasibility Determine dependencies	[4]					[4] [4]								
	Manage system requirements	Structure requirements	[⁺]	[17]			[1] [17]	[⁴]								
		Determine verification criteria	[4]					[4]								
	Define system functions	Identify functions									[13], [16]					
Specify functions		Describe functions Hierarchize functions									<u>[13], [16]</u> [16]					
	Specify function structure	Structure functions									[16]					
		Specify requirements from functions			[9]							[8]			[8], [9]	
	Specify dynamic system behavior	Identify function behavior Describe function behavior									[13]					
	Define system elements	Define solution variants for implementing the functions														
		Describe system elements Hierarchize system	[36]	[36]	[30]	[30]	[36]				[13], [16] [16]					
	Specify system architecture	Structure system	[36]	[36]	[30]	[30]	[36]				[16]					
		Evaluate system architectures			[30]	[30]				[23]	[16]					
Specify system architecture		Link system elements to functions			[9] [35]	[7]						[5] [8] [27]			[8] [9]	
	Assian system requirements	Verify fulfillment of requirements from system elements			[9], [55]	[1]				[20]	[20]	[0], [0], [27]			[0], [9]	
	/ 100.git 0/01011 0quit 0110110	Link requirements to system elements Verify traceability					[18]	[37]		[37]	[37]					
	Ensure traceability	Establish missing links						[0.]		[01]	[0.]					
	Define technology and quality of use measures	Define quality measures Describe quality measures				[/]										
		Link quality measures to system elements and requirements					[4]	[2]	[2]	[2] [42]	[2]	[2] [27]				
		Identify concept alternatives							[2]	[13]	[2]	[2] [27]				
	Analyze specified concepts	Examine concept alternatives Make concept changes			[33]	[33]	[33]		[33]	[23], [25]	[25]	[25]				
	Analyze concepts for compliance	Check fulfillment of requirements by concept			[14]	[14]	[14]		[14]	[20], [23]	[20]				[14]	
	with requirements	Resolve requirement conflicts Check technical feasibility	[4]					[4]		[23], [24]		[24], [27]				
	Perform feasibility analysis	Specify test cases	[4]		[10] [26] [34]	[10] [26] [34]	[10] [26] [34]	[3] [4]	[1 /]	[10] [26] [34]	[3] [20]	[27]			[14]	
	Select concept	Make concept decisions	[11]	[11]	[14]	[14]	[14]	[11], [12]	[14]	[21]	[3] [20]	[27]		[21]	[14]	
		Determine product variants Specify acceptance criteria										[27]				
	Set design criteria	Determine design requirements			[35]							[5]				
Discipling apositio	Mach	nanical development / construction	[19]													
Discipline-specific development																
			-	1			-									
Life Cycle Management	Establish the process Assess the process															
Infrastructure	Improve the process															
Management Process	Maintain the infrastructure															
Project Portfolio Management Process	Initiate projects Evaluate the portfolio of projects															
(Close projects dentify skills															
Human Resource Management Process F Quality Management	Develop skills															
	Perform knowledge management															
	Plan quality management Assess quality management				[14]	[14]	[14]		[14]							
Process	Perform quality management corrective action Define the project				[14]	[14]	[14]		[14]							
Project Planning Process	Plan the project resources															
	Plan the project technical and quality management Activate the project															
Project Assessment																
and Control Process	Process Control the project Close the project															
Decision Management	Plan and define decisions Analyze the decision information		[11]	[11]				[11]. [12]	[11]. [12]			[11]				
Process	Track the decision		[11]	[11]				[11], [12]	[11], [12]		[12]	L'']				
Risk Management Process	Plan risk management Manage the risk profile															
	Analyze risks Freat risks															
	Monitor risks															
	Evaluate the Risk Management Process Plan configuration management															
Management Process	Perform configuration management n Plan information management		[6]					[6]		[6]	[6]	[6]	[6]			
Management Process	Process Perform information management															
Measurement Process	Perform measurement															
	Evaluate measurement															