Knowledge Area	Initiating Process Group	Planning Process Group	Executing Process Group	Monitoring and Controlling Process Group	Closing Process Group
4. Project Integration Management	4.1 Develop Project Charter	4.2 Develop Project Management Plan	4.3 Direct and Manage Project Work 4.4 Manage Project Knowledge	4.5 Monitor and Control Project Work 4.6 Perform Integrated Change Control	4.7 Close Project or Phase
5. Project Scope Management		5.1 Plan Scope Management 5.2 Collect Requirements 5.3 Define Scope 5.4 Create WBS		5.5 Validate Scope	
6. Project Time Management		6.1 Plan Schedule Management 6.2 Define Activities 6.3 Sequence Activities 6.3 Sequence Activities 6.4 Estimate Activities Durations 6.5 Develop Schedule		6.6 Control Schedule	
7. Project Cost Management		7.1 Plan Cost Management 7.2 Estimate Costs 7.3 Determine Budget		7.4 Control Costs	
8. Project Quality Management		8.1.Plan Quality Management	8.2 Manage Quality	8.3 Control Quality	
9. Project Human Resource Management		9.1 Plan Resource Management 9.2 Estimates Activities Resources	9.3 Acquire Resources 9.4 Develop Team 9.5 Manage Team	9.6 Control Resources	
10. Project Commun- ications Management		10.1 Plan Communications Management	10.2 Manage Communications	10.3 Monitor Communications	
11 Duringt		11.1 Plan Risk Management 11.2 Identify Risks	11.6 Implement Risk Responses	11.7 Monitor Risks	

Risk Management		11.3 Perform Qualitative Risk Analysis 11.4 Perform Quantitative Risk 11.5 Plan Risk Responses			
12. Project Procurement Management		12.1 Plan Procurement Management	12.2 Conduct Procurements	12.3 Control Procurements	
13. Project Stakeholder Management	13.1 Identify Stakeholders	13.2 Plan Stakeholder Management	13.3 Manage Stakeholder Engagement	13.4 Monitor Stakeholder Engagement	