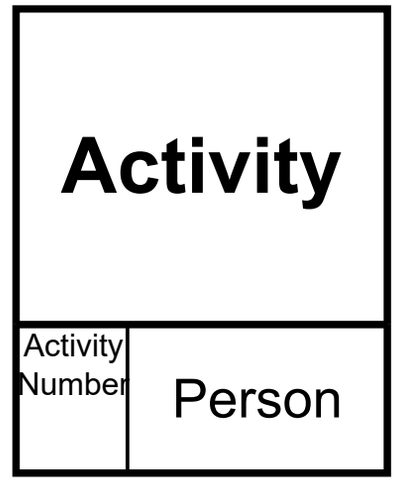
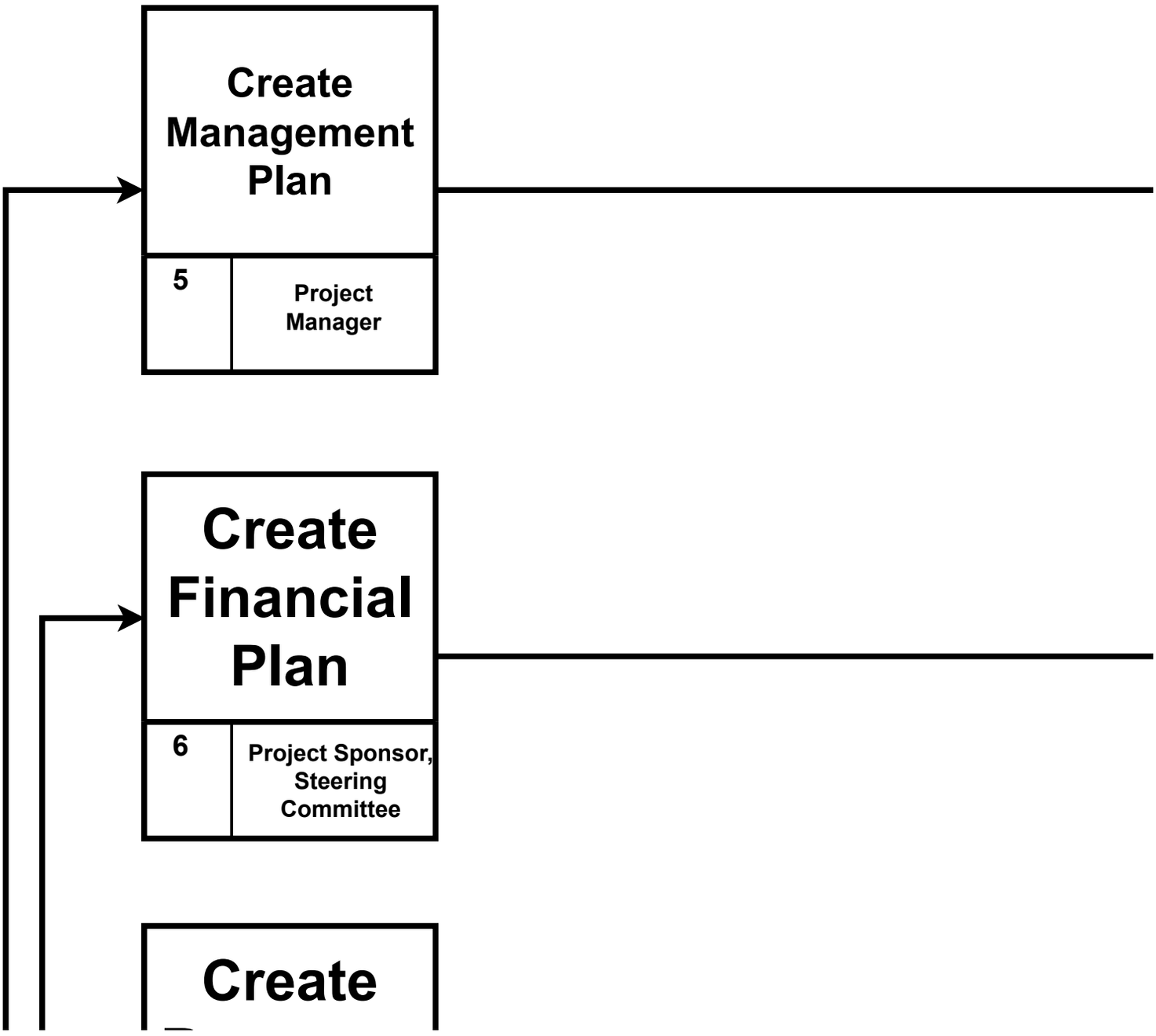
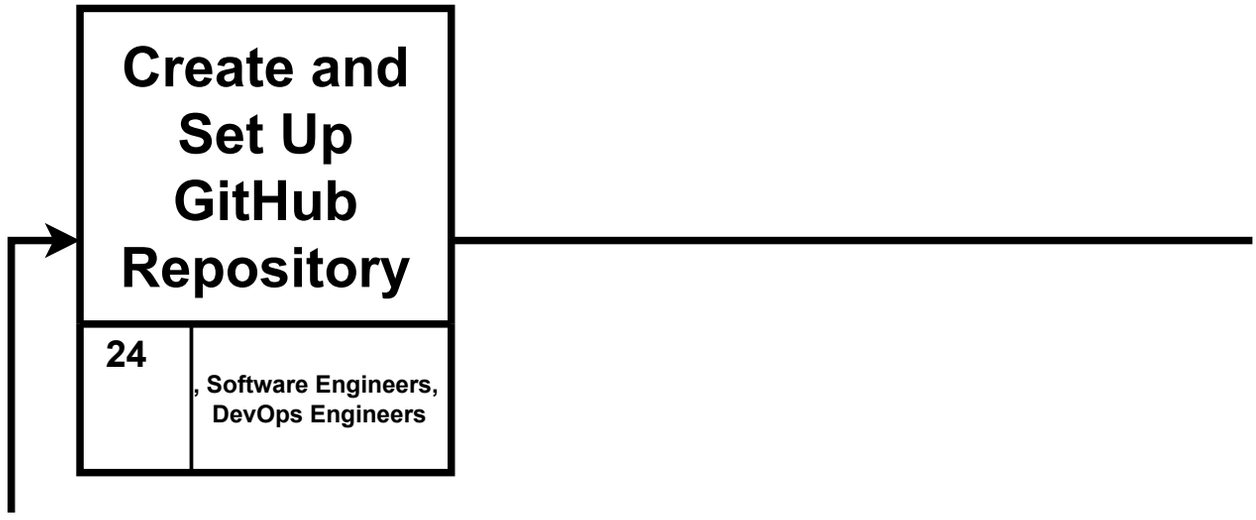
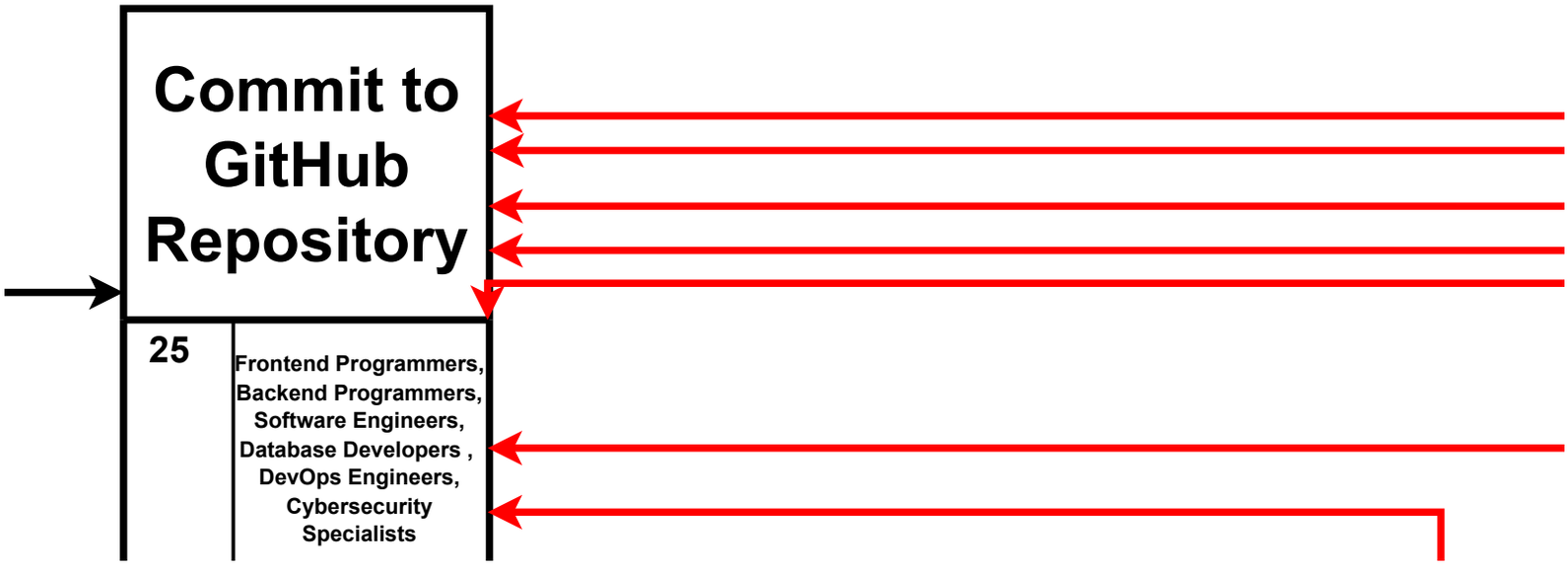
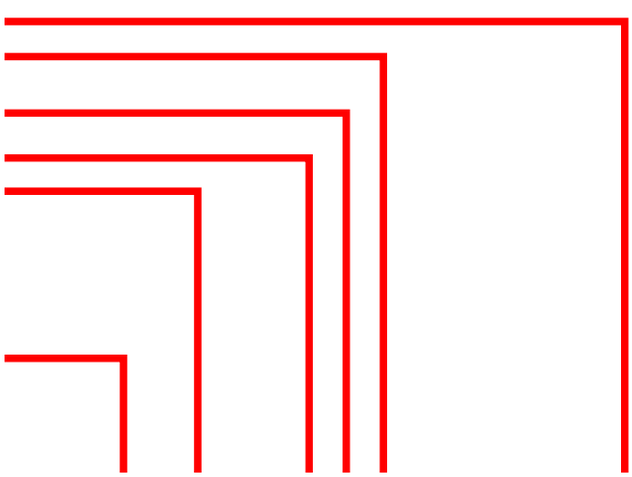
Key:

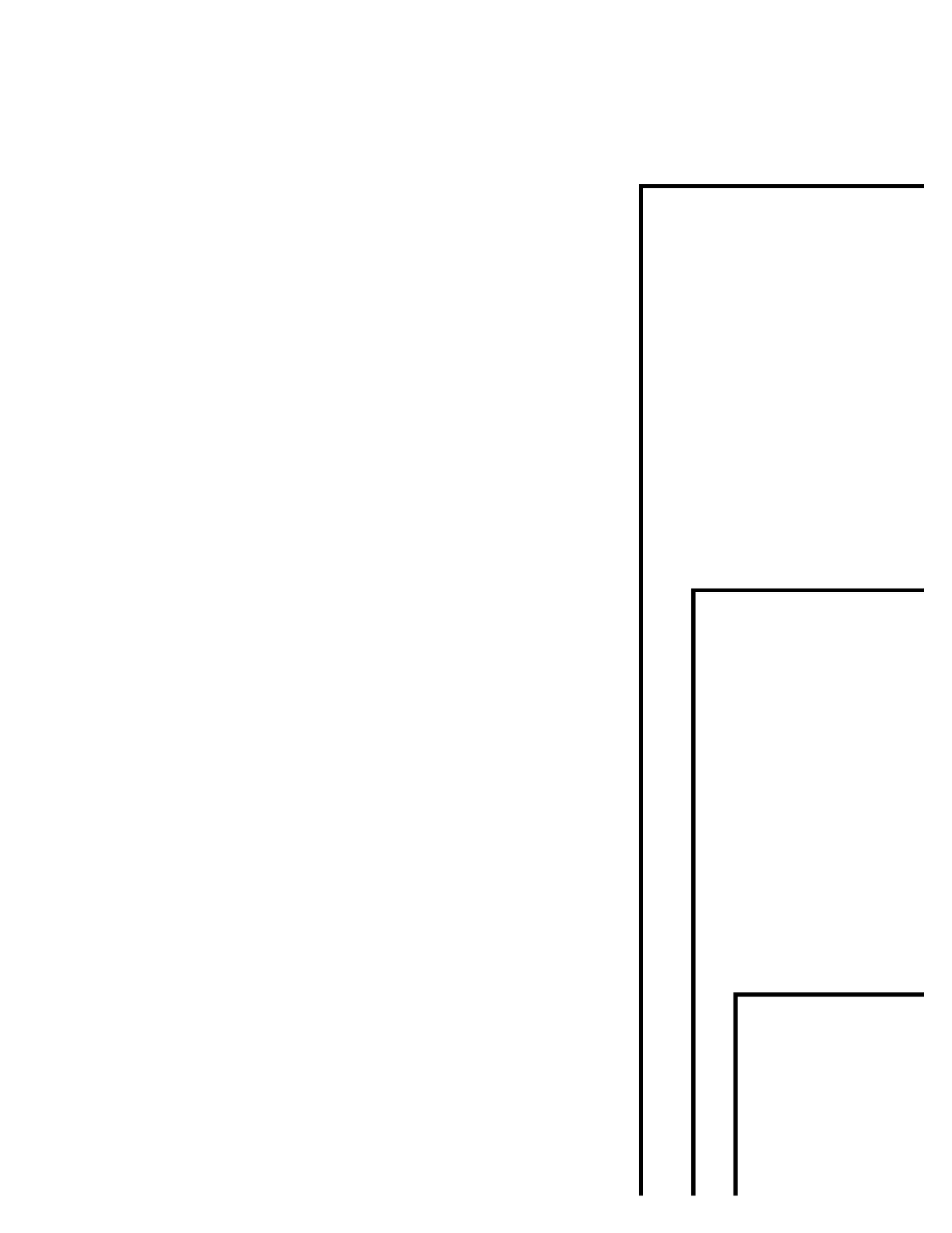


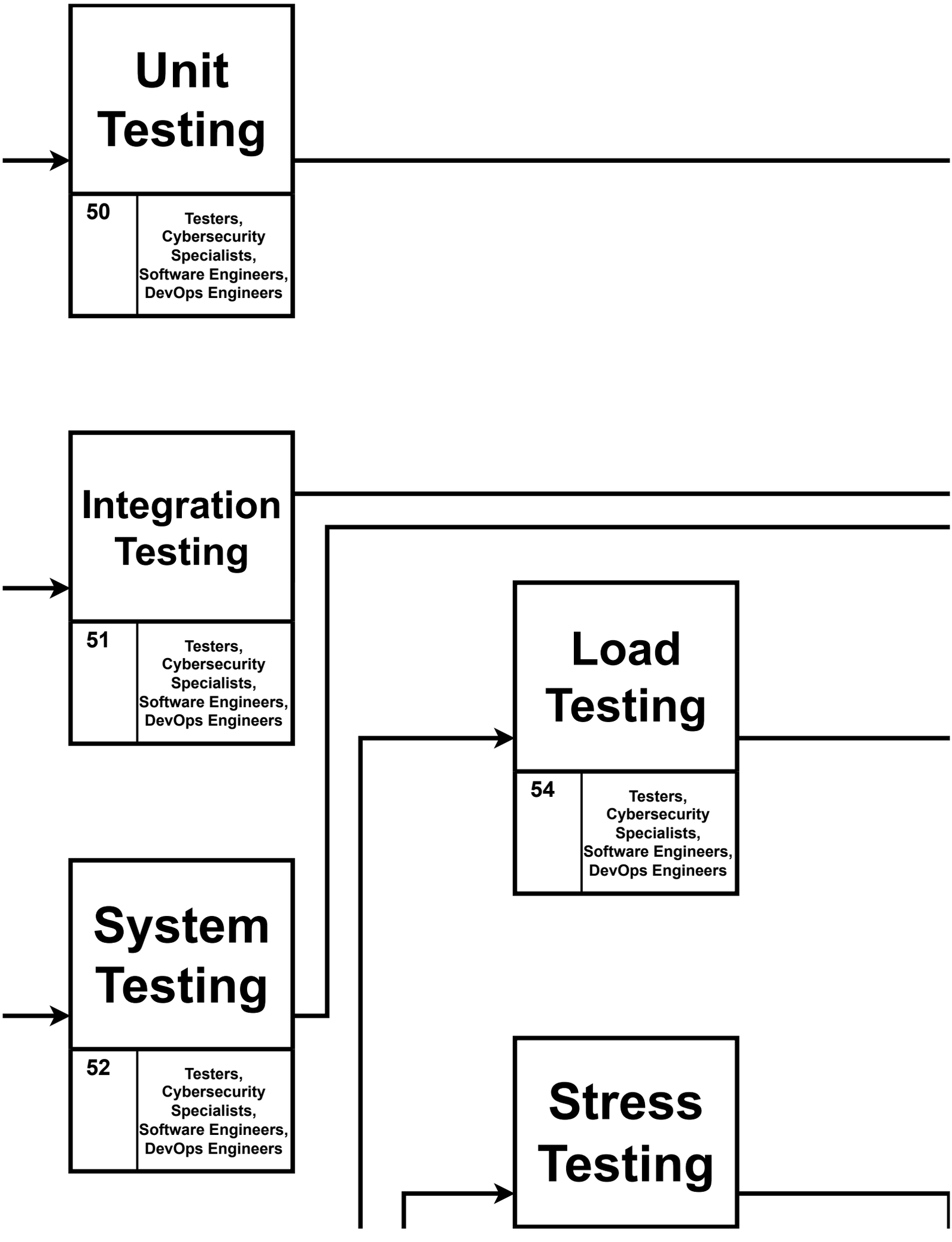

Create Management Plan
5
Project Manager
Create Financial Plan
6
Project Sponsor, Steering Committee
Create

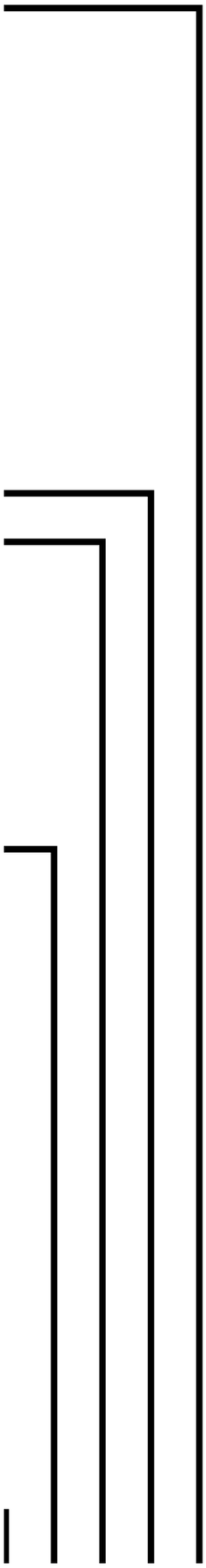

Create and Set Up GitHub Repository
24
, Software Engineers, DevOps Engineers

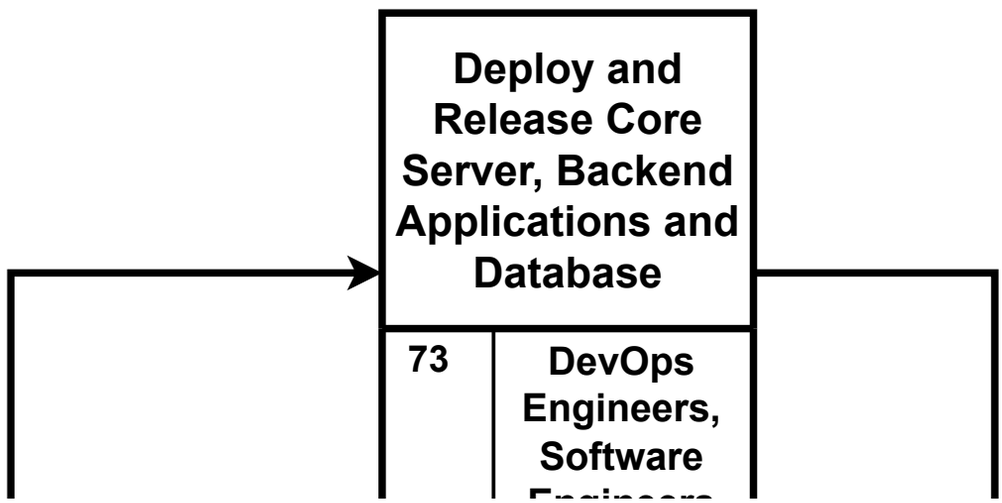

Commit to GitHub Repository
25
Frontend Programmers, Backend Programmers, Software Engineers, Database Developers , DevOps Engineers, Cybersecurity Specialists

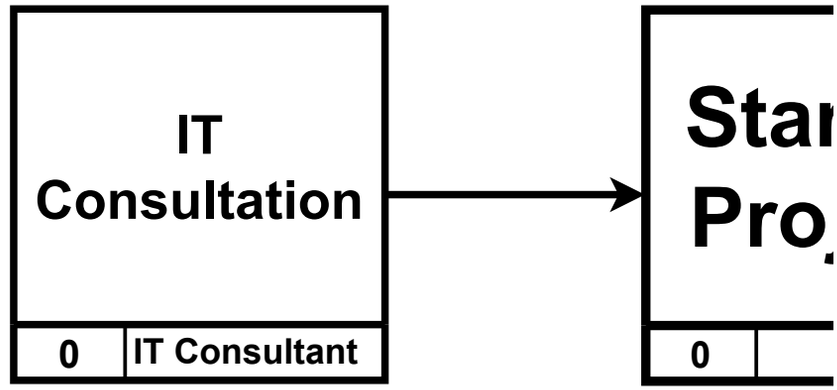





Unit Testing
50
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
Integration Testing
51
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
System Testing
52
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
Load Testing
54
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
Stress Testing




Deploy and Release Core Server, Backend Applications and Database
73
DevOps Engineers, Software


IT
Consultation
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IT Consultant
Star
Pro
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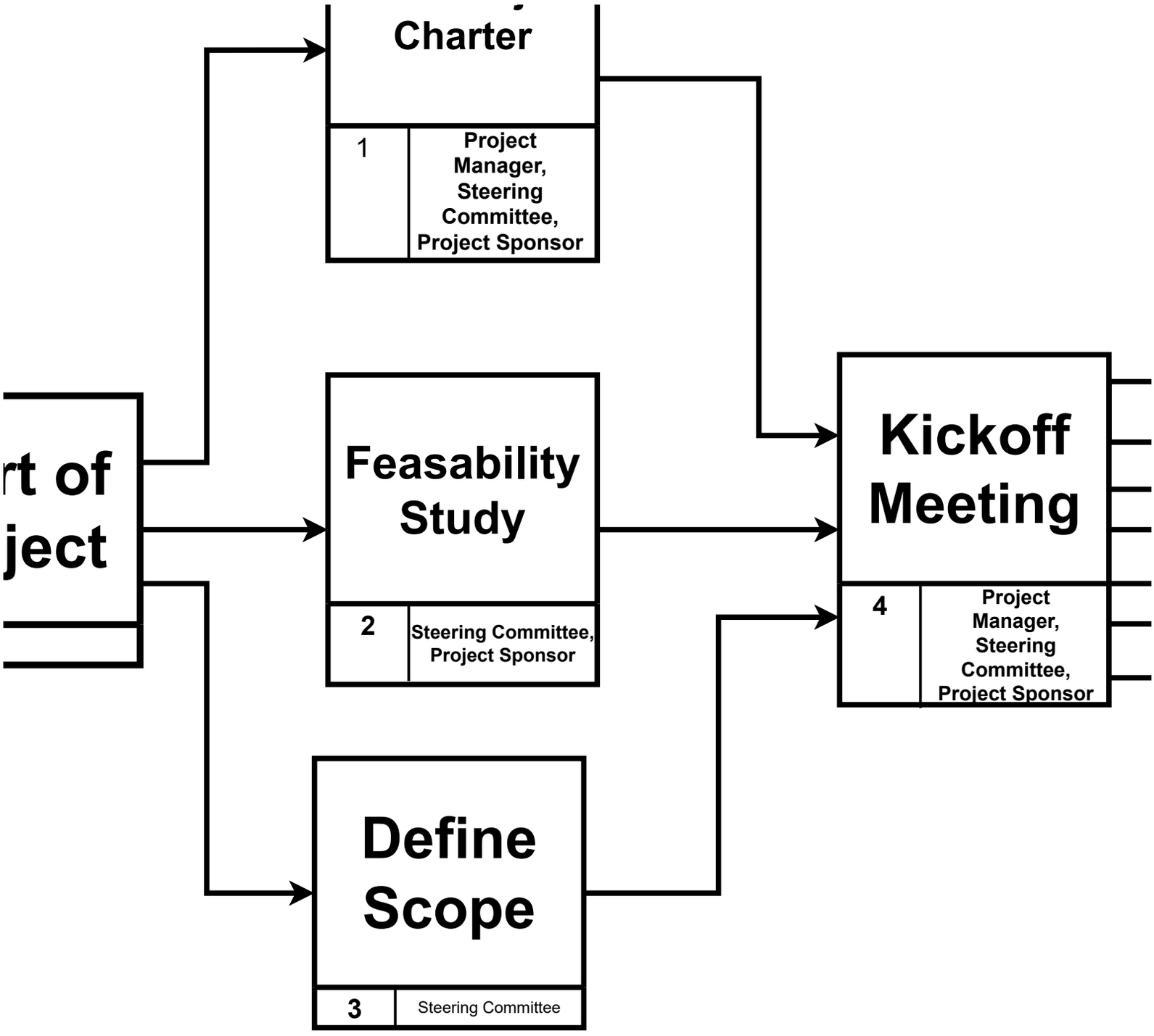
Charter
1
Project Manager, Steering Committee, Project Sponsor
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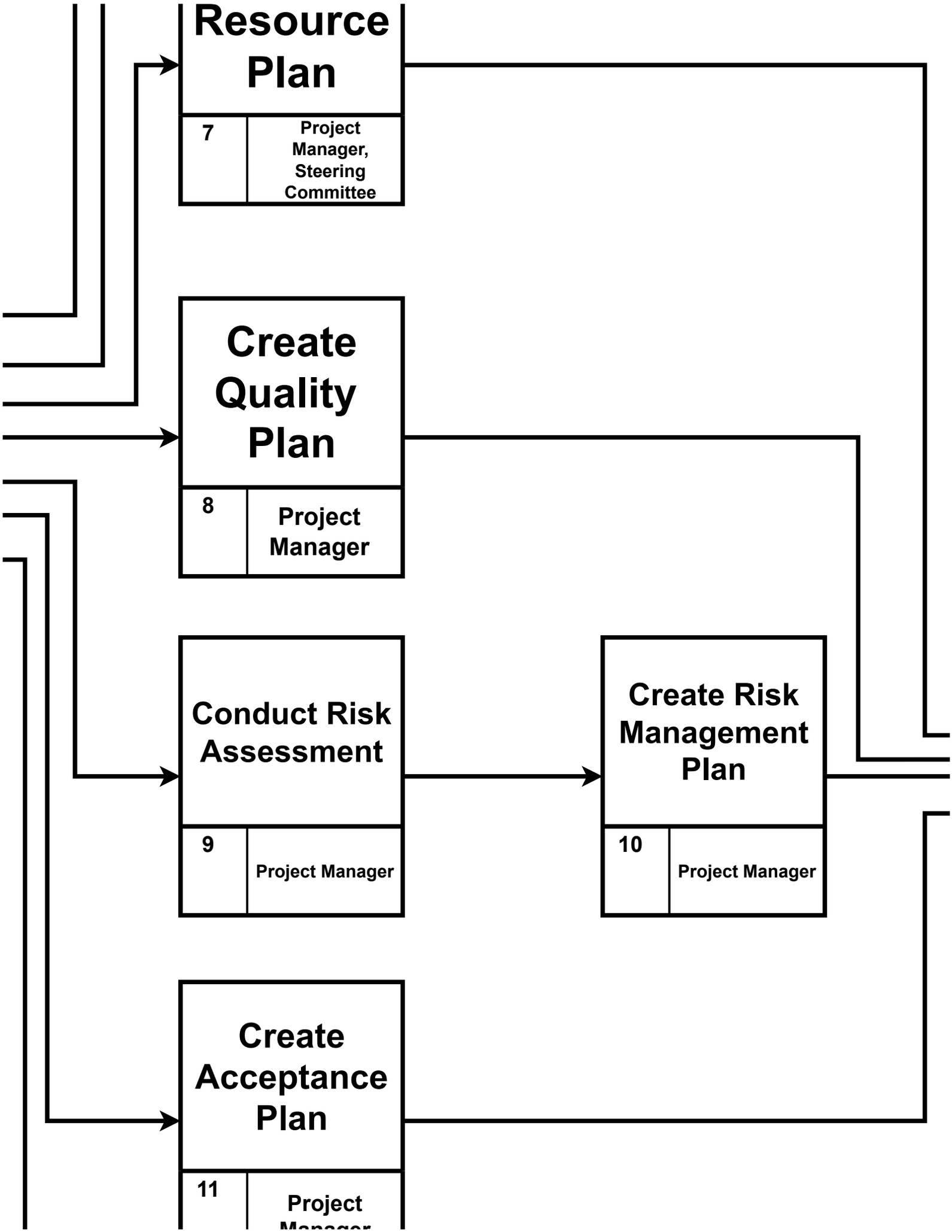
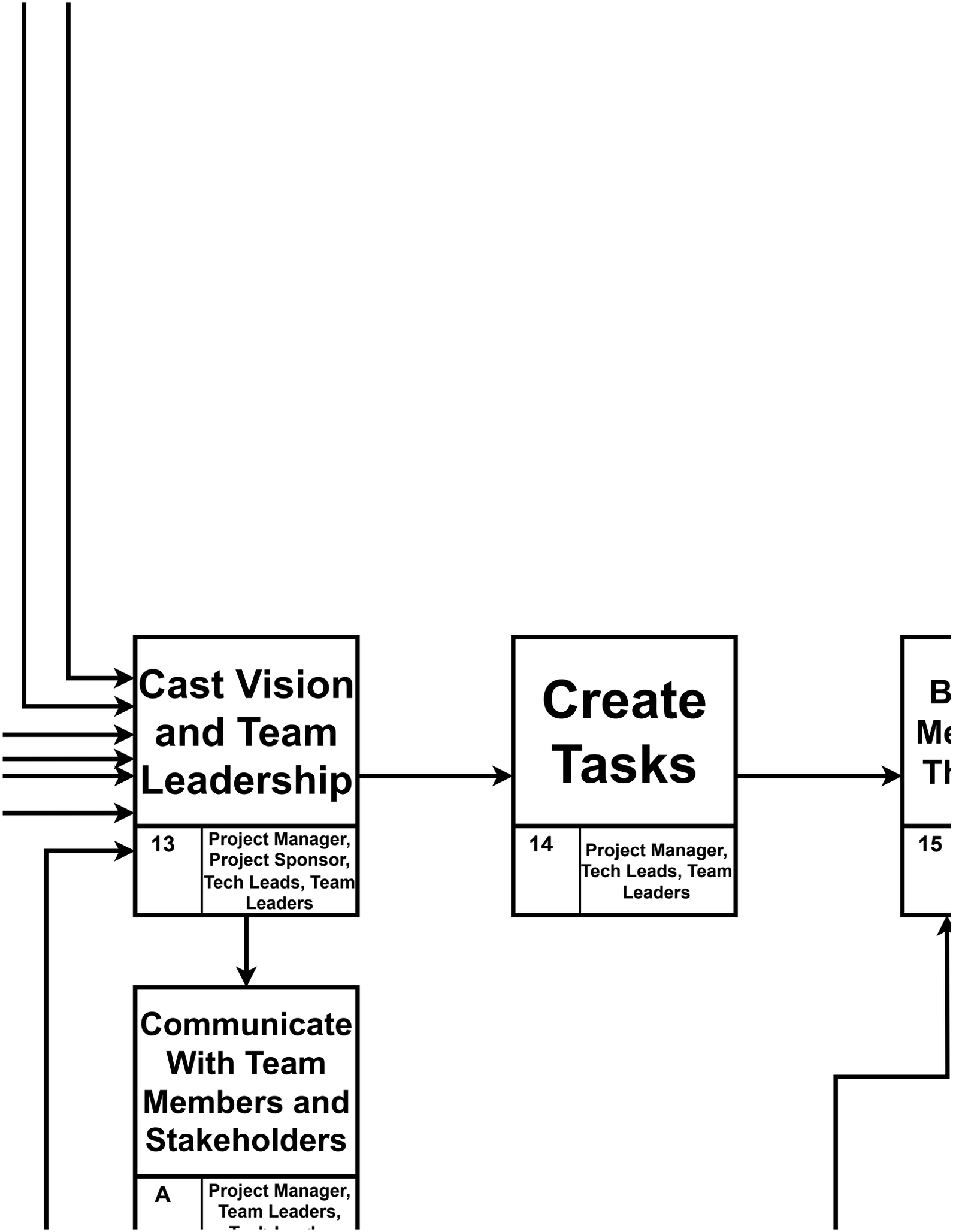
Feasability Study
2
Steering Committee, Project Sponsor
Kickoff Meeting
4
Project Manager, Steering Committee, Project Sponsor
Define Scope
3
Steering Committee


Resource Plan
7
Project Manager, Steering Committee
Create Quality Plan
8
Project Manager
Conduct Risk Assessment
9
Project Manager
Create Risk Management Plan
10
Project Manager
Create Acceptance Plan
11
Project


Cast Vision and Team Leadership
13
Project Manager, Project Sponsor, Tech Leads, Team Leaders
Create Tasks
14
Project Manager, Tech Leads, Team Leaders
B
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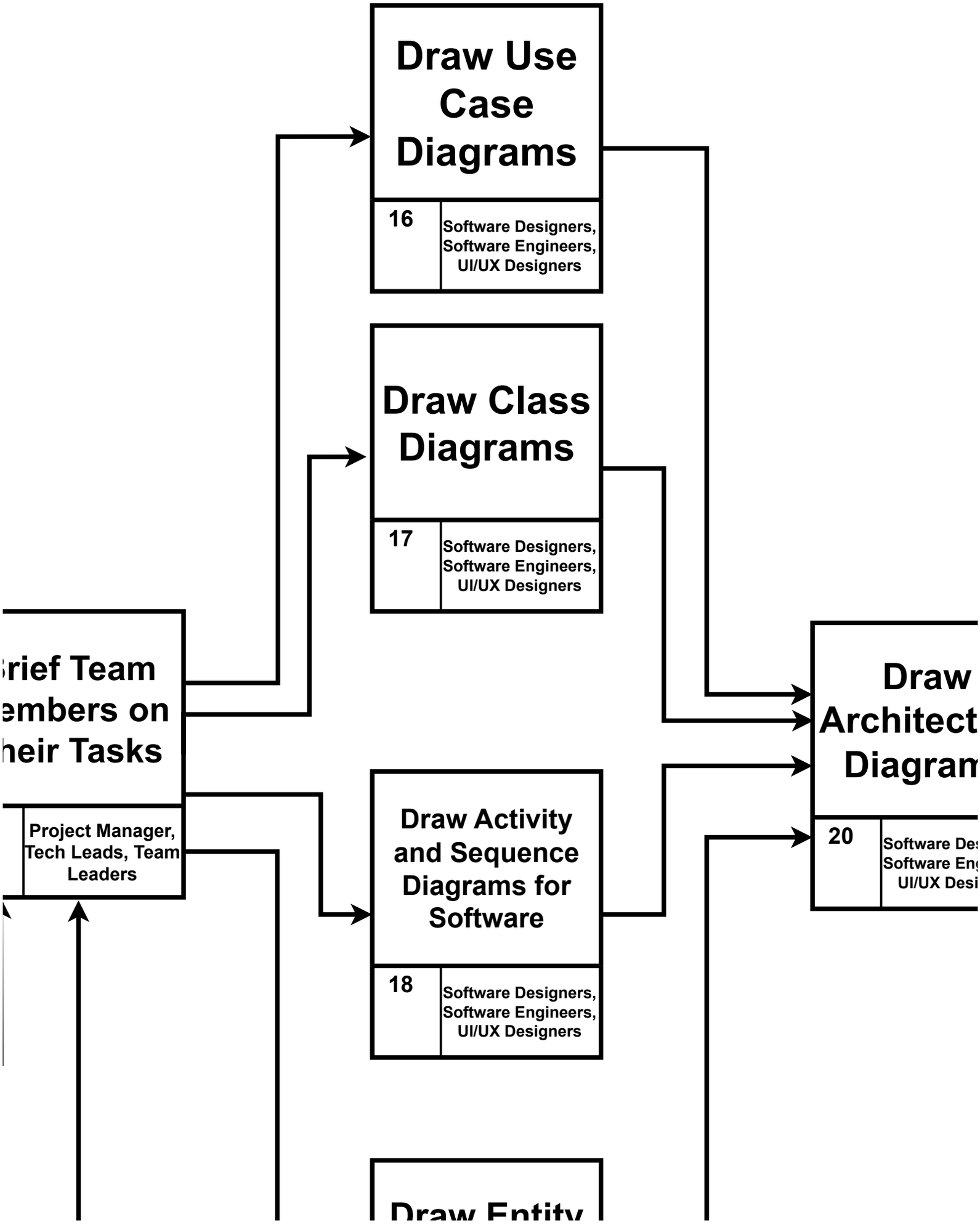
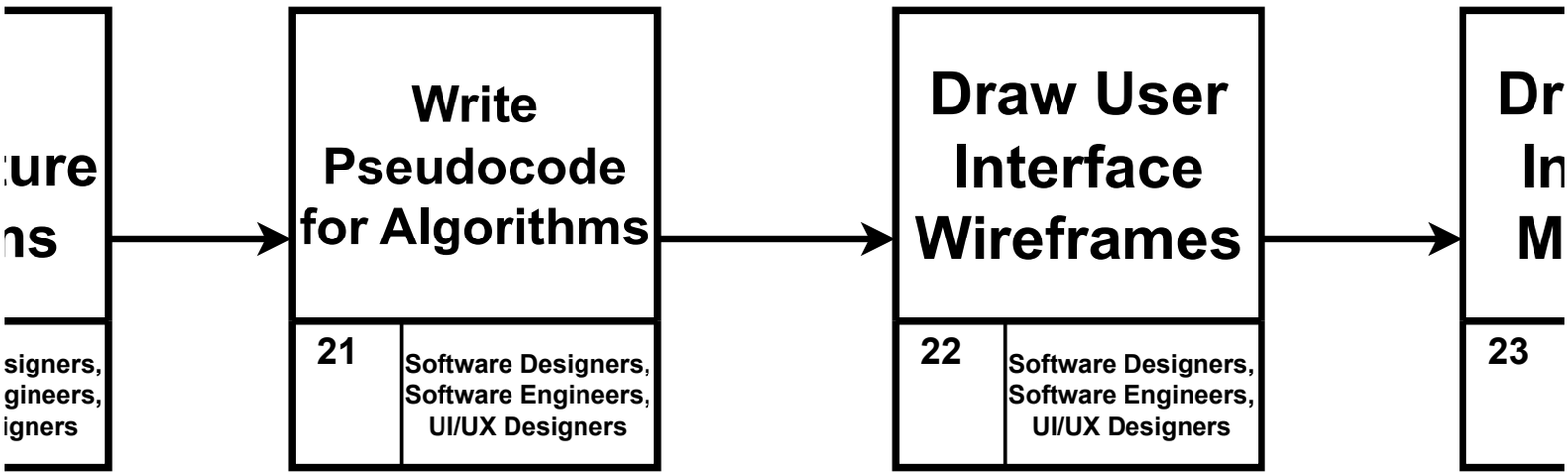
15
Communicate With Team Members and Stakeholders
A
Project Manager, Team Leaders,


Draw Use Case Diagrams
16
Software Designers, Software Engineers, UI/UX Designers
Draw Class Diagrams
17
Software Designers, Software Engineers, UI/UX Designers
rief Team embers on heir Tasks
Project Manager, Tech Leads, Team Leaders
Draw Activity and Sequence Diagrams for Software
18
Software Designers, Software Engineers, UI/UX Designers
Draw Architect Diagram
20
Software Des
Software Eng
UI/UX Desi
Draw Entity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signers,
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Write Pseudocode for Algorithms
21
Software Designers, Software Engineers, UI/UX Designers
Draw User Interface Wireframes
22
Software Designers, Software Engineers, UI/UX Designers
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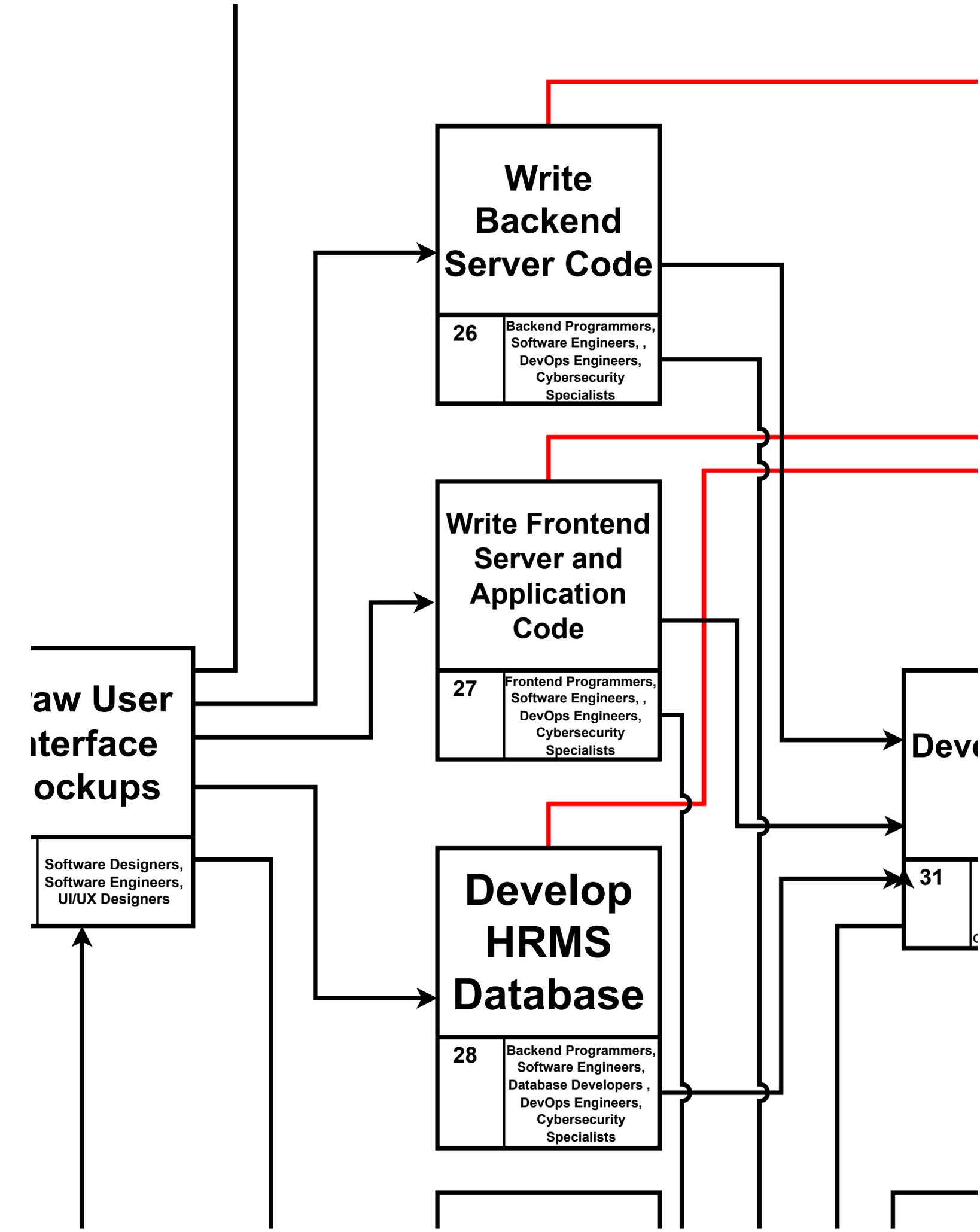
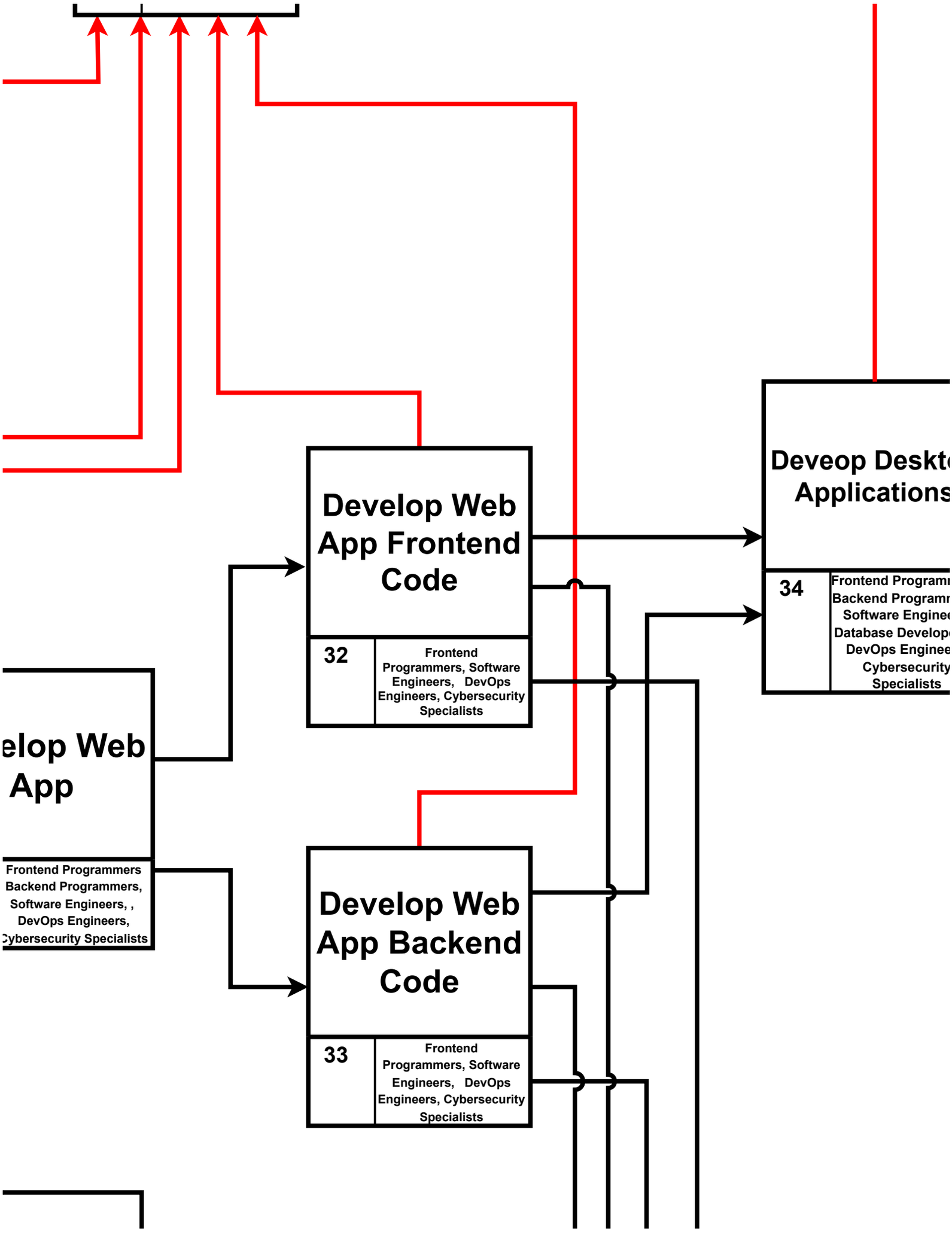
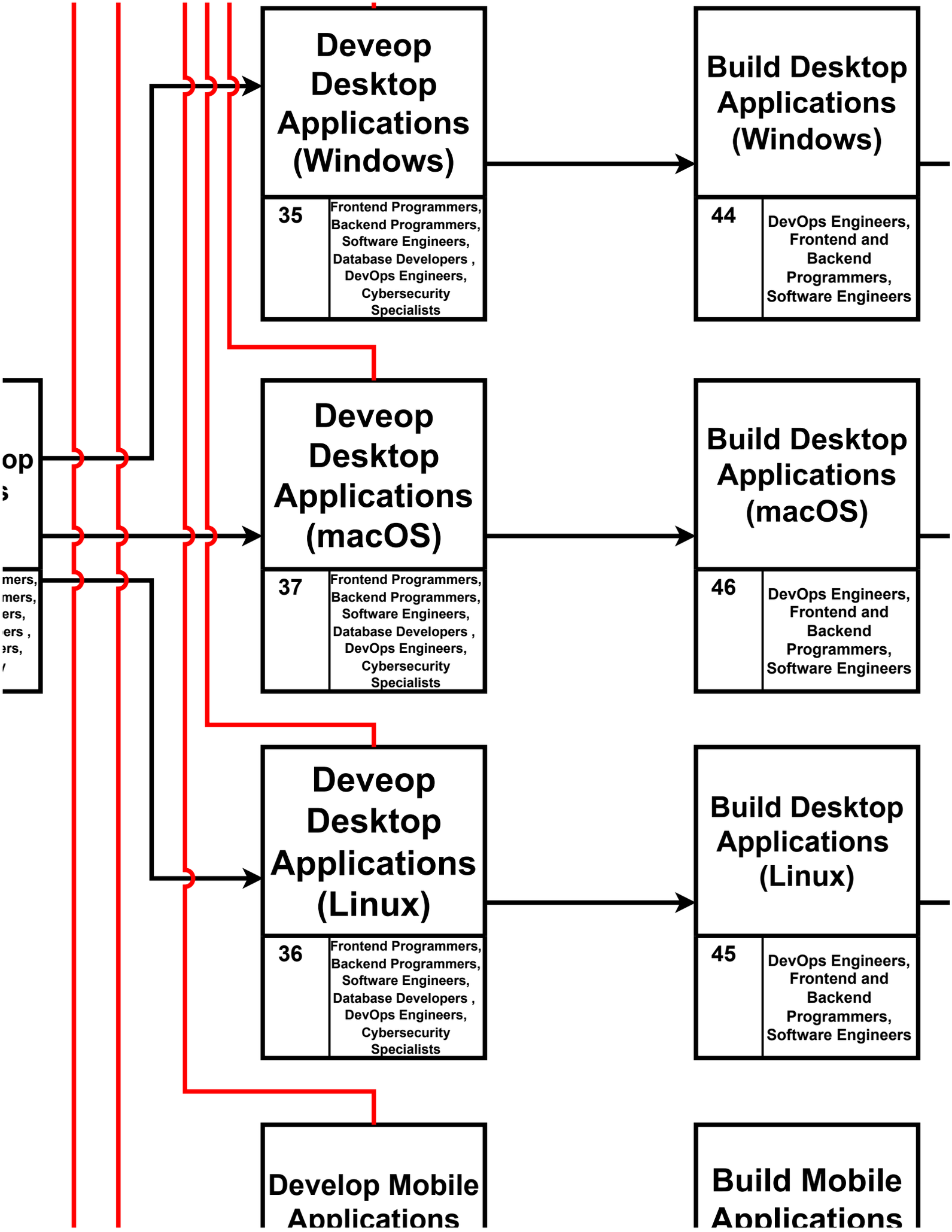
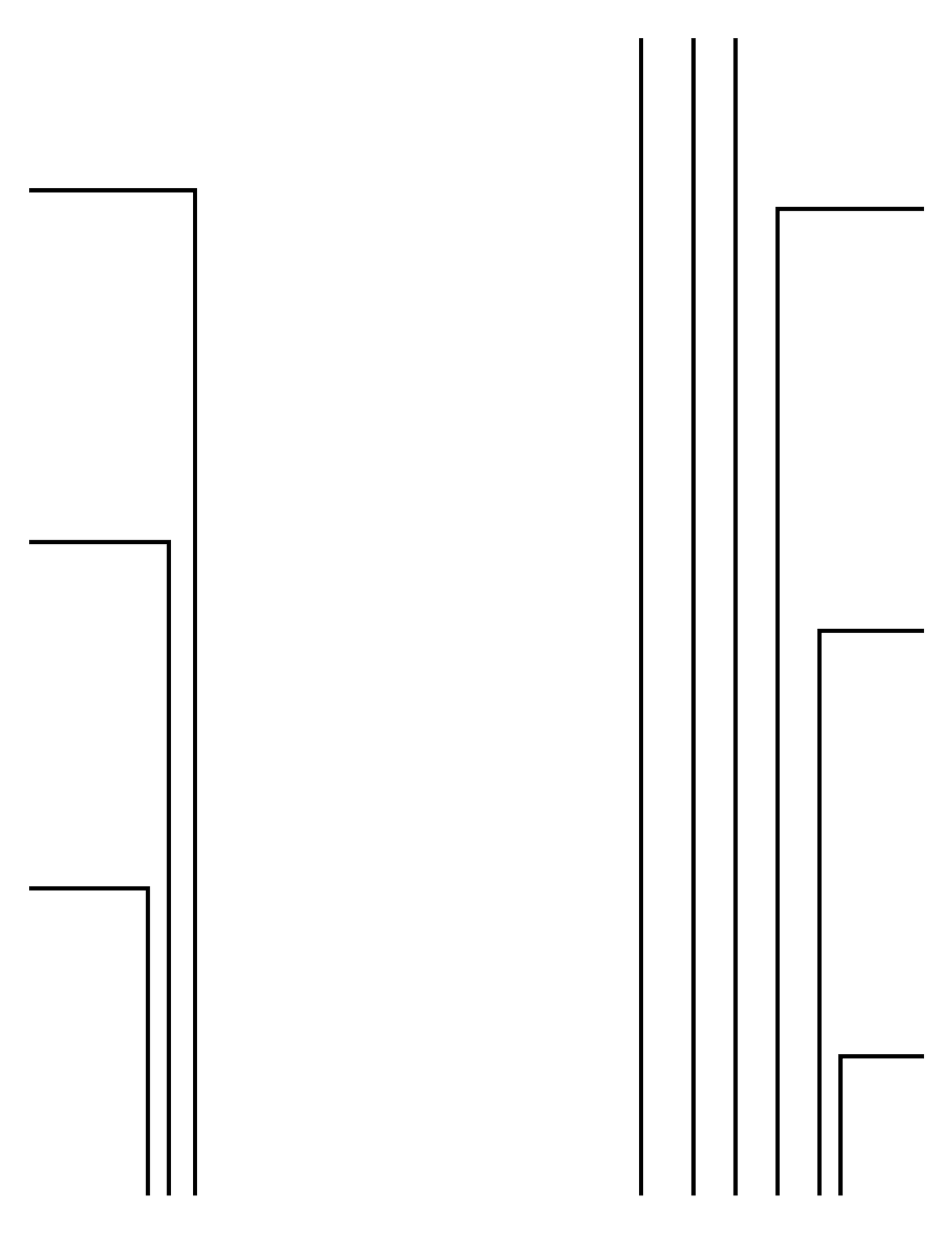
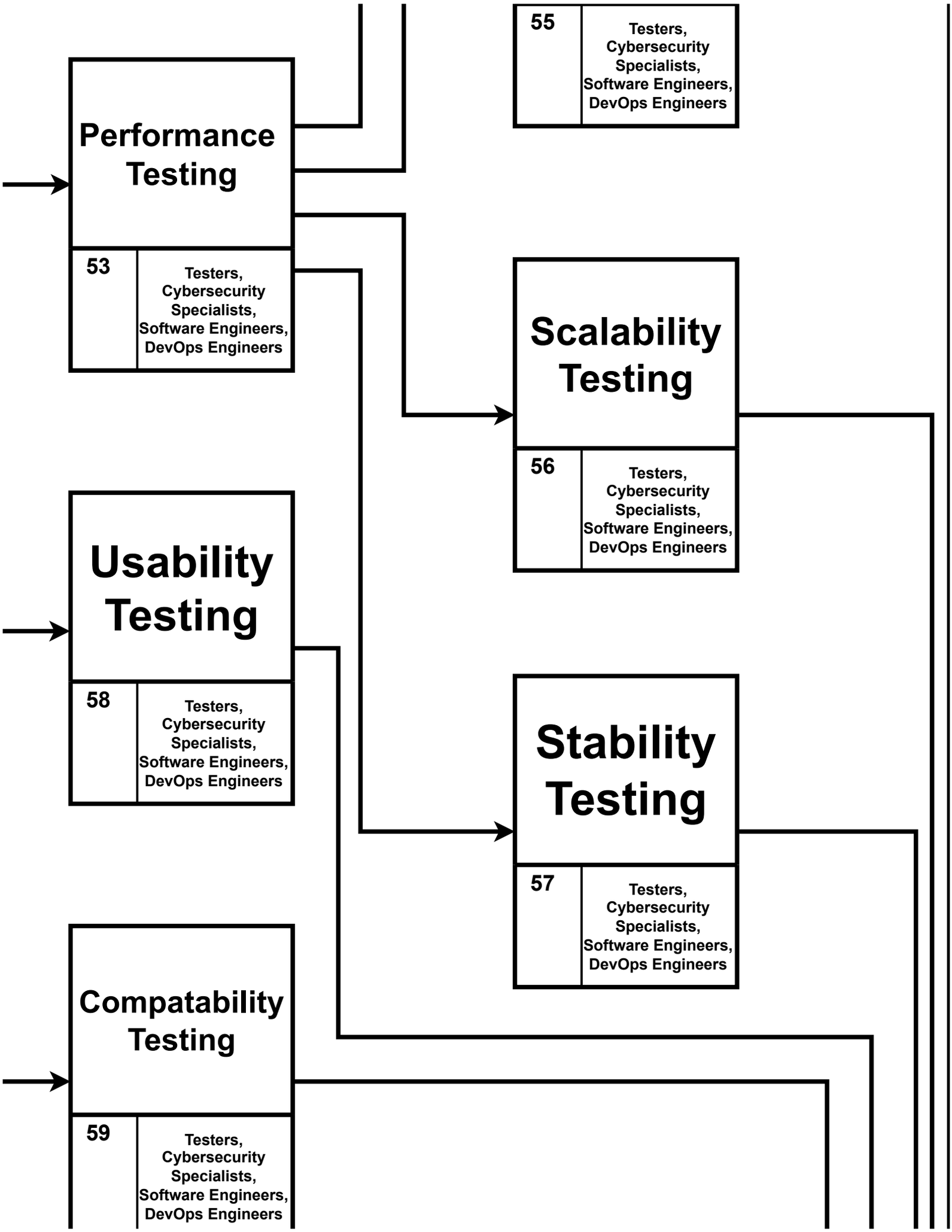
23

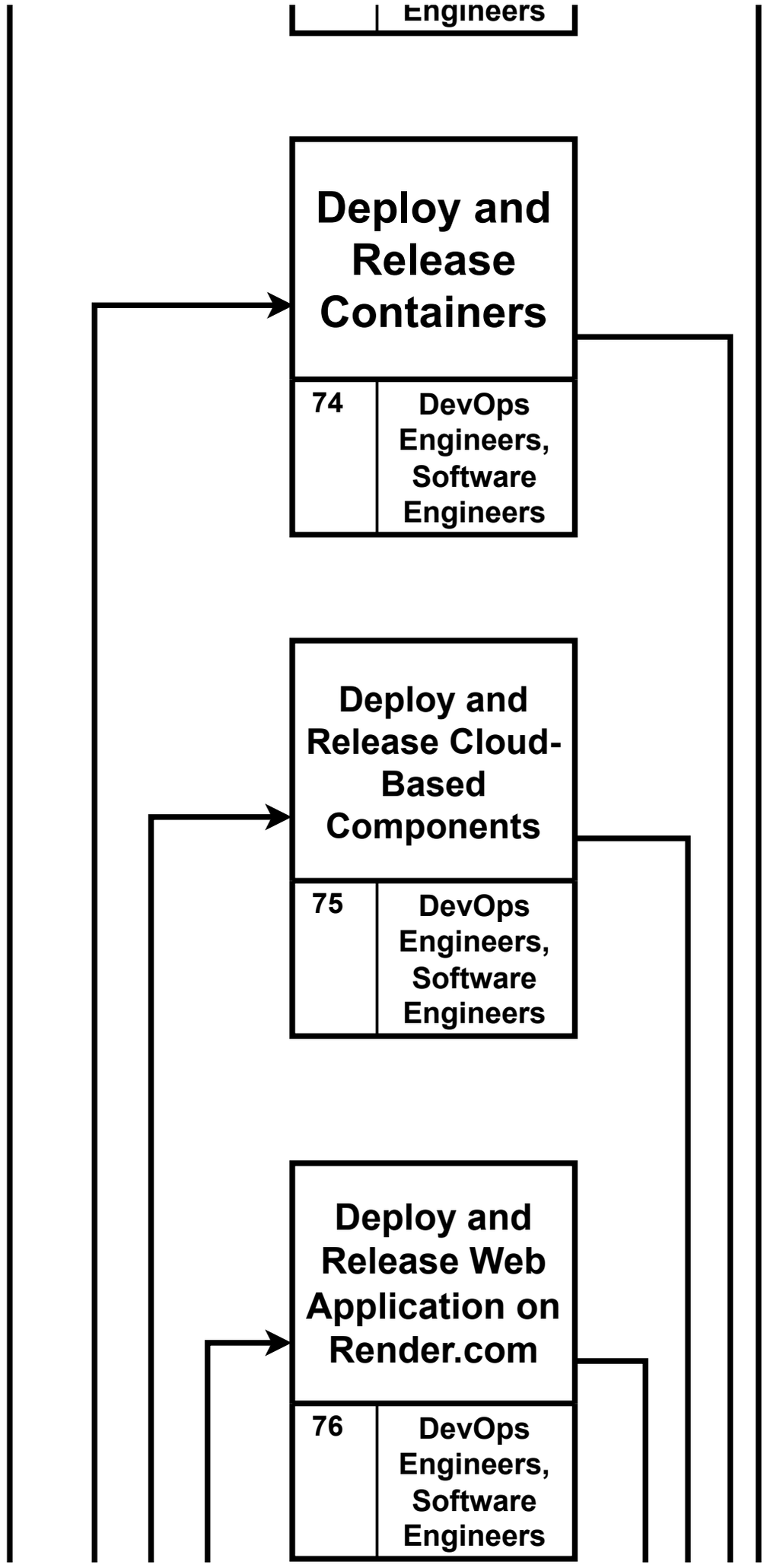

Write Backend Server Code
26
Backend Programmers, Software Engineers, , DevOps Engineers, Cybersecurity Specialists
Write Frontend Server and Application Code
27
Frontend Programmers, Software Engineers, , DevOps Engineers, Cybersecurity Specialists
aw User
terface
ockups
Software Designers, Software Engineers, UI/UX Designers
Develop HRMS Database
28
Backend Programmers, Software Engineers, Database Developers , DevOps Engineers, Cybersecurity Specialists
Dev
31

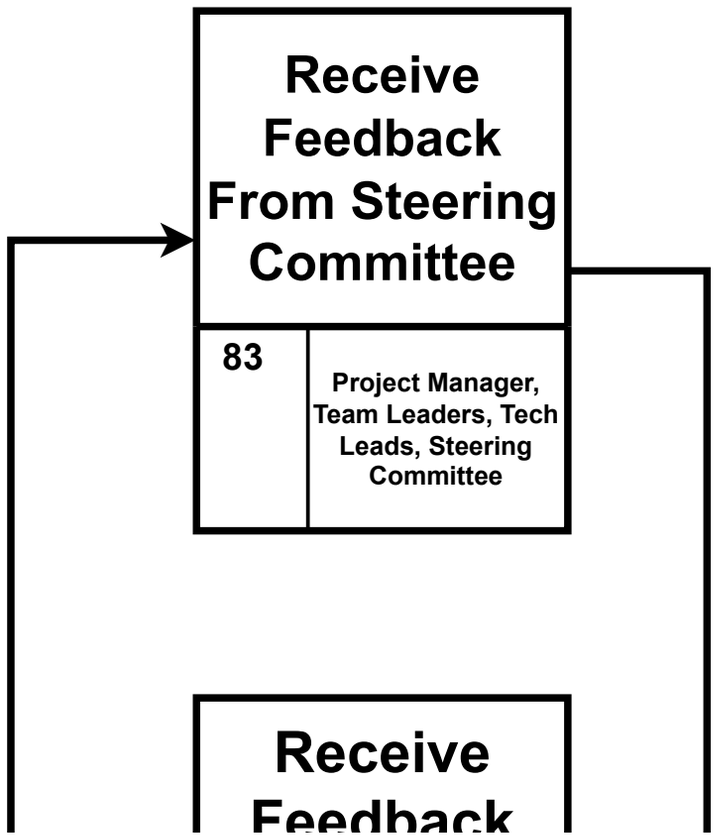

elop Web App
Frontend Programmers Backend Programmers, Software Engineers, , DevOps Engineers, Cybersecurity Specialists
Develop Web App Frontend Code
32
Frontend Programmers, Software Engineers, DevOps Engineers, Cybersecurity Specialists
Develop Web App Backend Code
33
Frontend Programmers, Software Engineers, DevOps Engineers, Cybersecurity Specialists
Deveop Deskt Applications
34
Frontend Programm
Backend Programm
Software Engine
Database Develop
DevOps Enginee
Cybersecurity Specialists

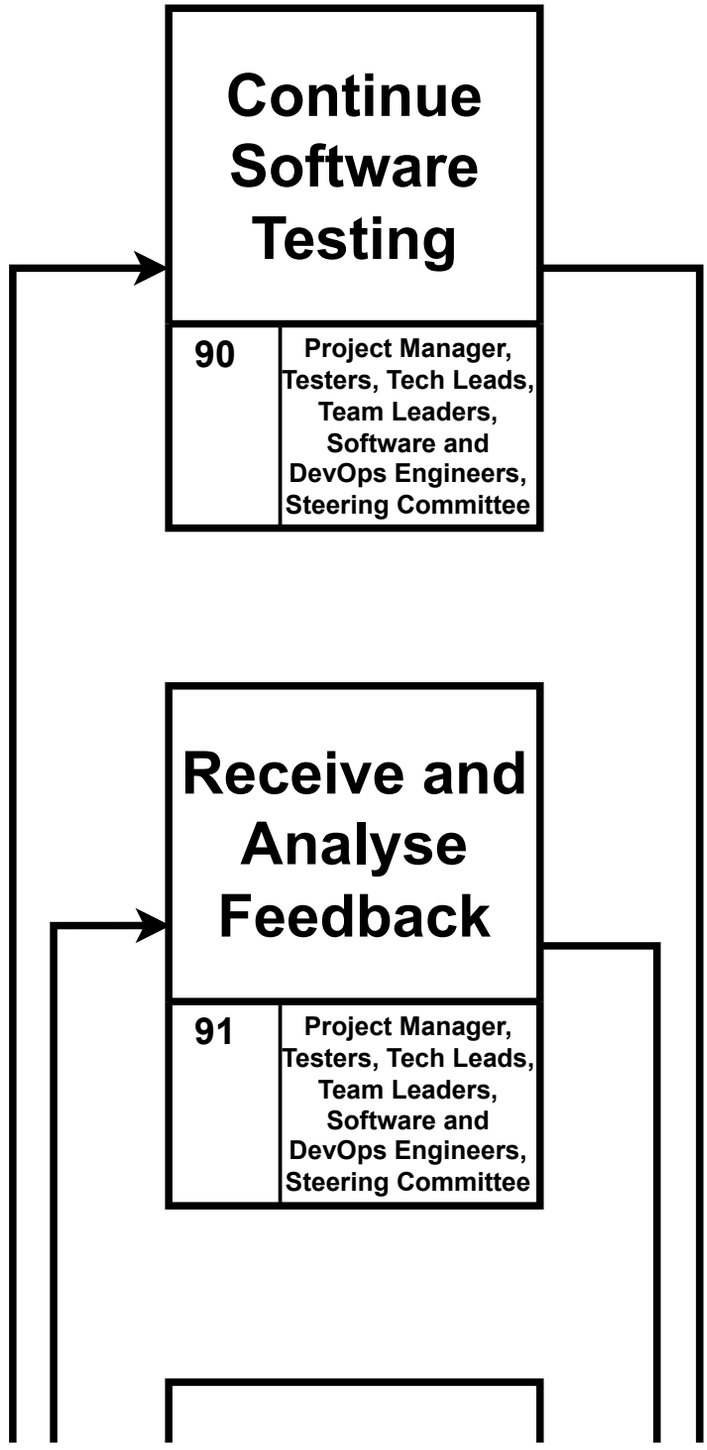

Deveop Desktop Applications (Windows)
35
Frontend Programmers, Backend Programmers, Software Engineers, Database Developers , DevOps Engineers, Cybersecurity Specialists
Build Desktop Applications (Windows)
44
DevOps Engineers, Frontend and Backend Programmers, Software Engineers
op
mers, mers, ers, ers , ers,
Deveop Desktop Applications (macOS)
37
Frontend Programmers, Backend Programmers, Software Engineers, Database Developers , DevOps Engineers, Cybersecurity Specialists
Build Desktop Applications (macOS)
46
DevOps Engineers, Frontend and Backend Programmers, Software Engineers
Deveop Desktop Applications (Linux)
36
Frontend Programmers, Backend Programmers, Software Engineers, Database Developers , DevOps Engineers, Cybersecurity Specialists
Build Desktop Applications (Linux)
45
DevOps Engineers, Frontend and Backend Programmers, Software Engineers
Develop Mobile Applications
Build Mobile Applications

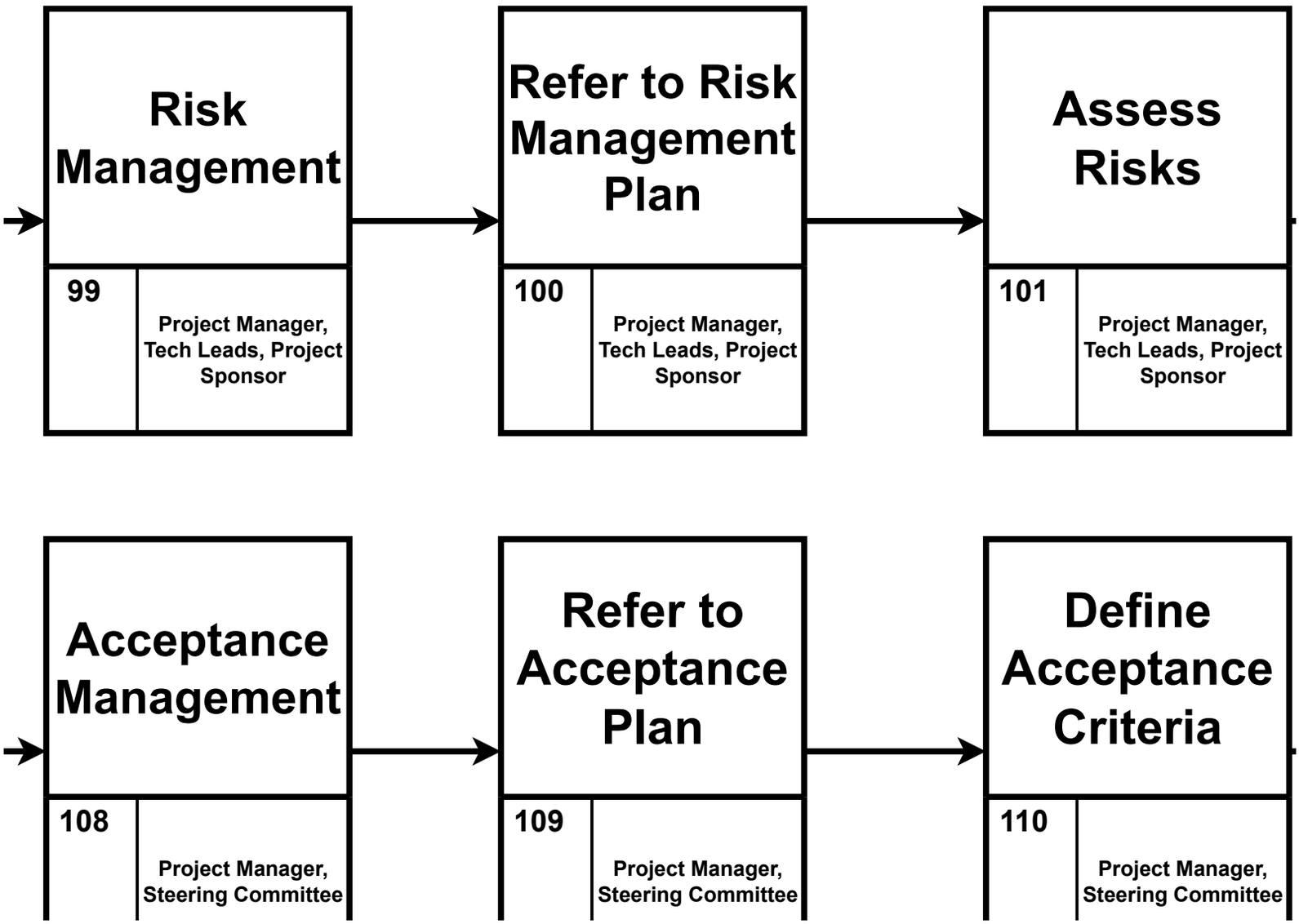


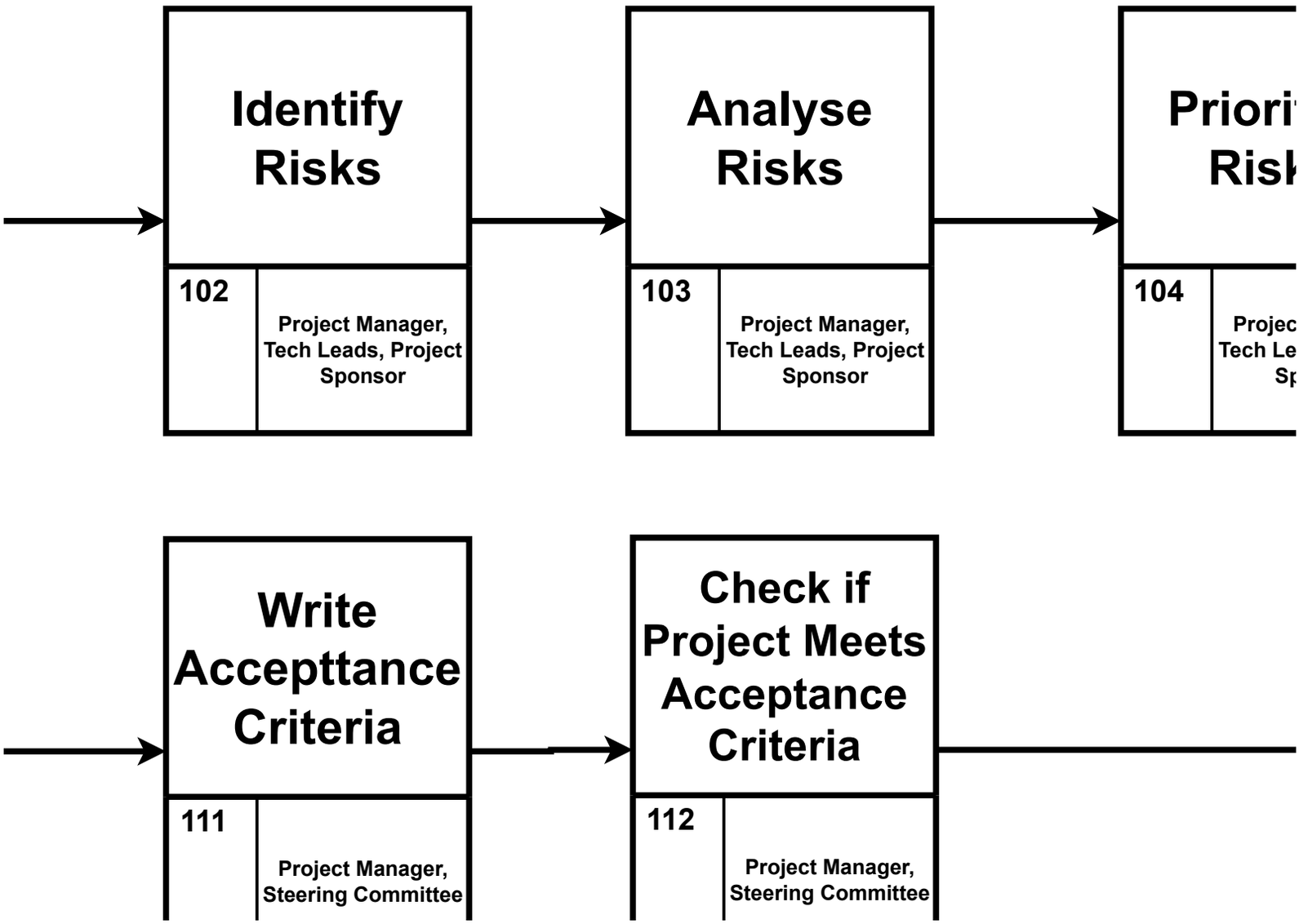

Performance Testing
53
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
55
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
Scalability Testing
56
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
Usability Testing
58
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
Stability Testing
57
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
Compatability Testing
59
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers


Engineers
Deploy and Release Containers
74
DevOps Engineers, Software Engineers
Deploy and Release Cloud-Based Components
75
DevOps Engineers, Software Engineers
Deploy and Release Web Application on Render.com
76
DevOps Engineers, Software Engineers


Receive Feedback From Steering Committee
83
Project Manager, Team Leaders, Tech Leads, Steering Committee
Receive Feedback


Continue Software Testing
90
Project Manager, Testers, Tech Leads, Team Leaders, Software and DevOps Engineers, Steering Committee
Receive and Analyse Feedback
91
Project Manager, Testers, Tech Leads, Team Leaders, Software and DevOps Engineers, Steering Committee


Risk Management
99
Project Manager, Tech Leads, Project Sponsor
Refer to Risk Management Plan
100
Project Manager, Tech Leads, Project Sponsor
Assess Risks
101
Project Manager, Tech Leads, Project Sponsor
Acceptance Management
108
Project Manager, Steering Committee
Refer to Acceptance Plan
109
Project Manager, Steering Committee
Define Acceptance Criteria
110
Project Manager, Steering Committee


Identify Risks
102
Project Manager, Tech Leads, Project Sponsor
Analyse Risks
103
Project Manager, Tech Leads, Project Sponsor
Priori
Risk
104
Projec
Tech Le
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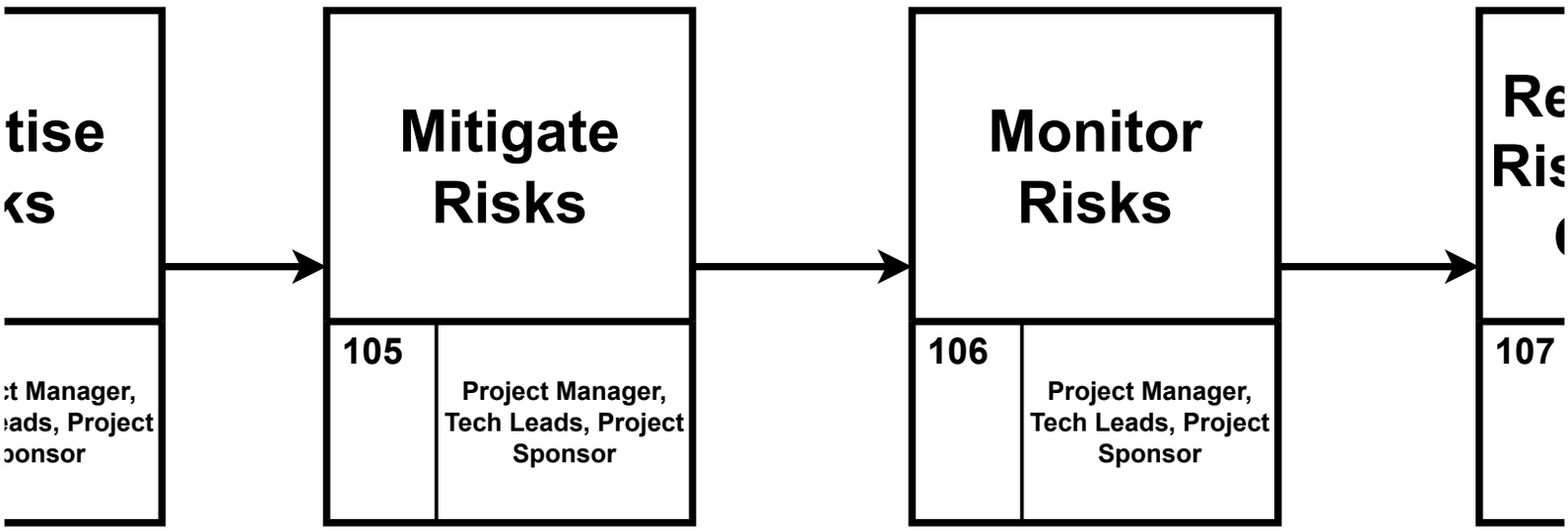
Write Accepttance Criteria
111
Project Manager, Steering Committee
Check if Project Meets Acceptance Criteria
112
Project Manager, Steering Committee


tise
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t Manager,
eads, Project
ponsor
Mitigate Risks
105
Project Manager, Tech Leads, Project Sponsor
Monitor Risks
106
Project Manager, Tech Leads, Project Sponsor
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107

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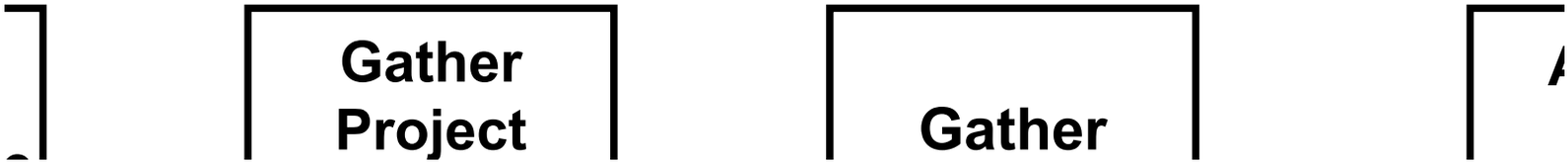
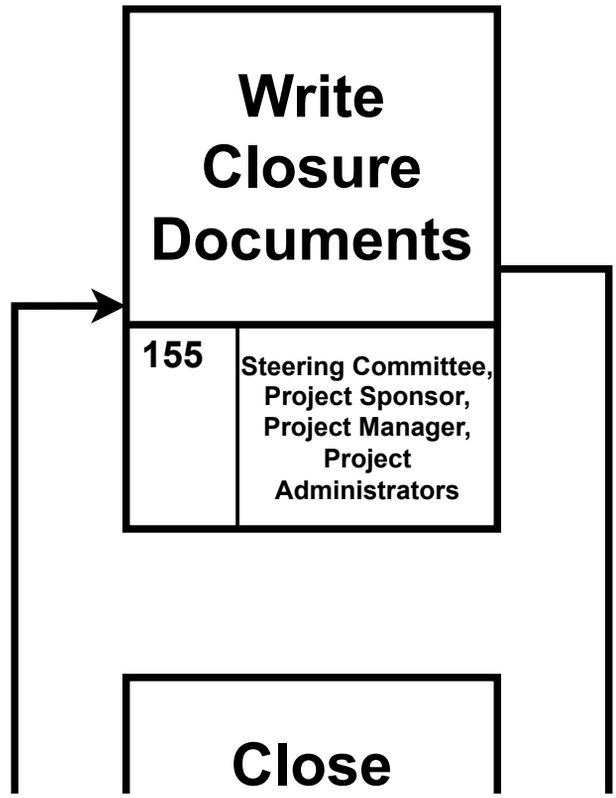
Occour.

Project Manager, Tech Leads, Project Sponsor

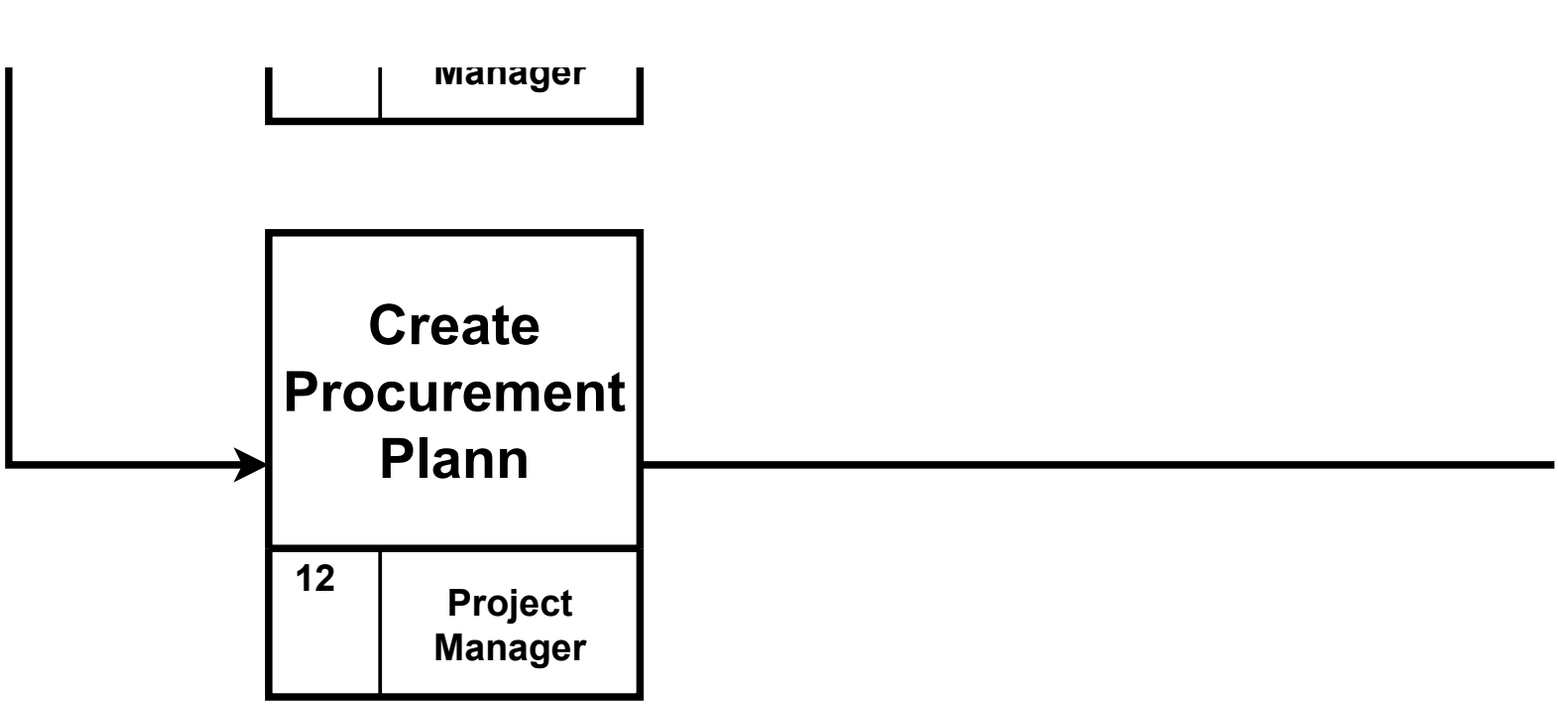
Project

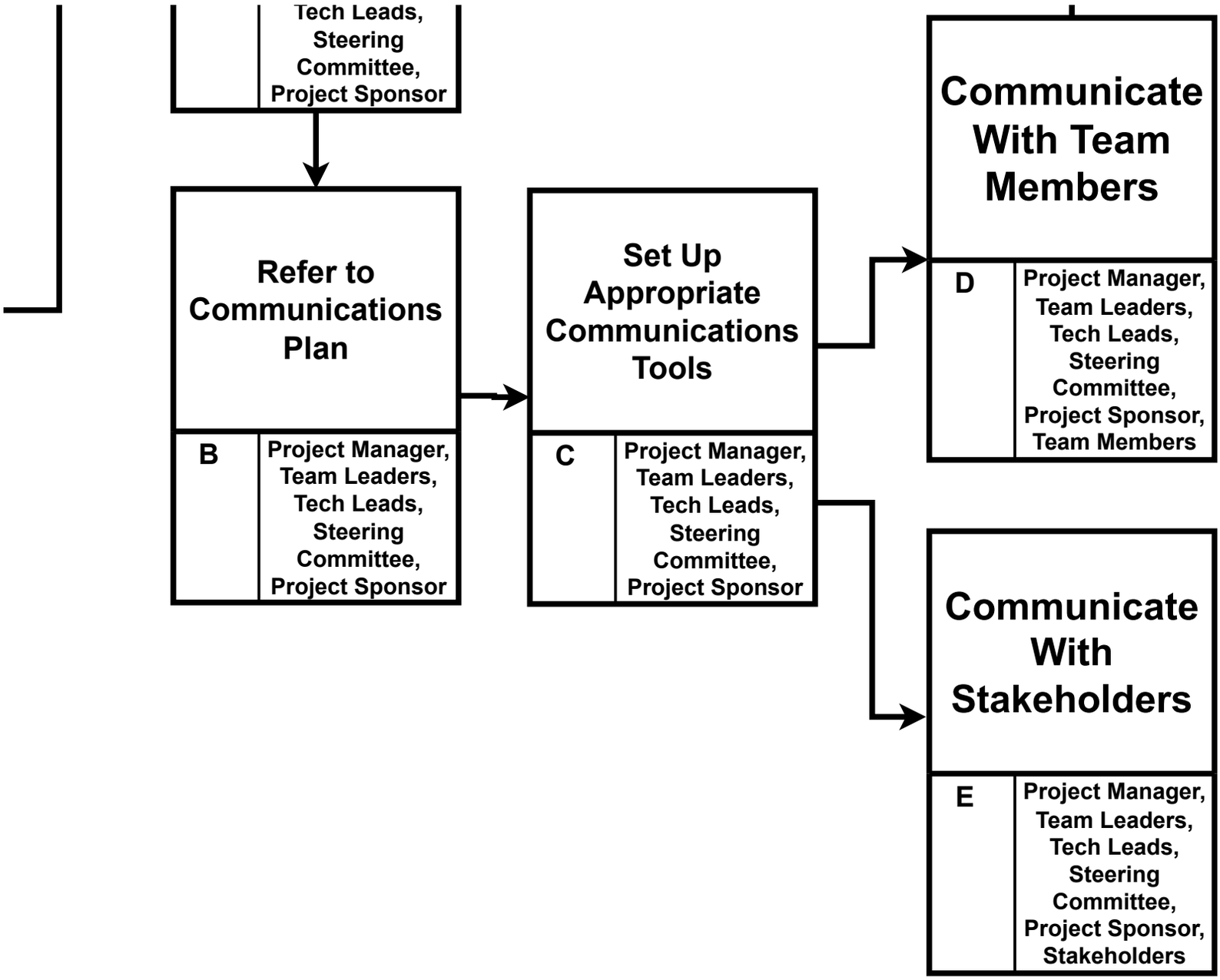

Gather
Project
Gather

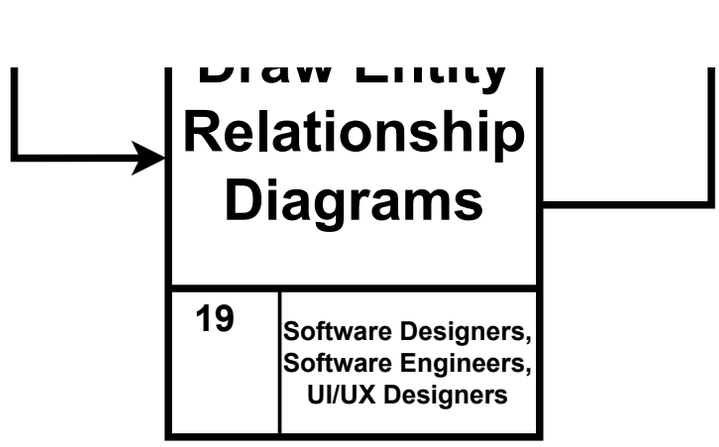
Analyse Project
Review
Create Project

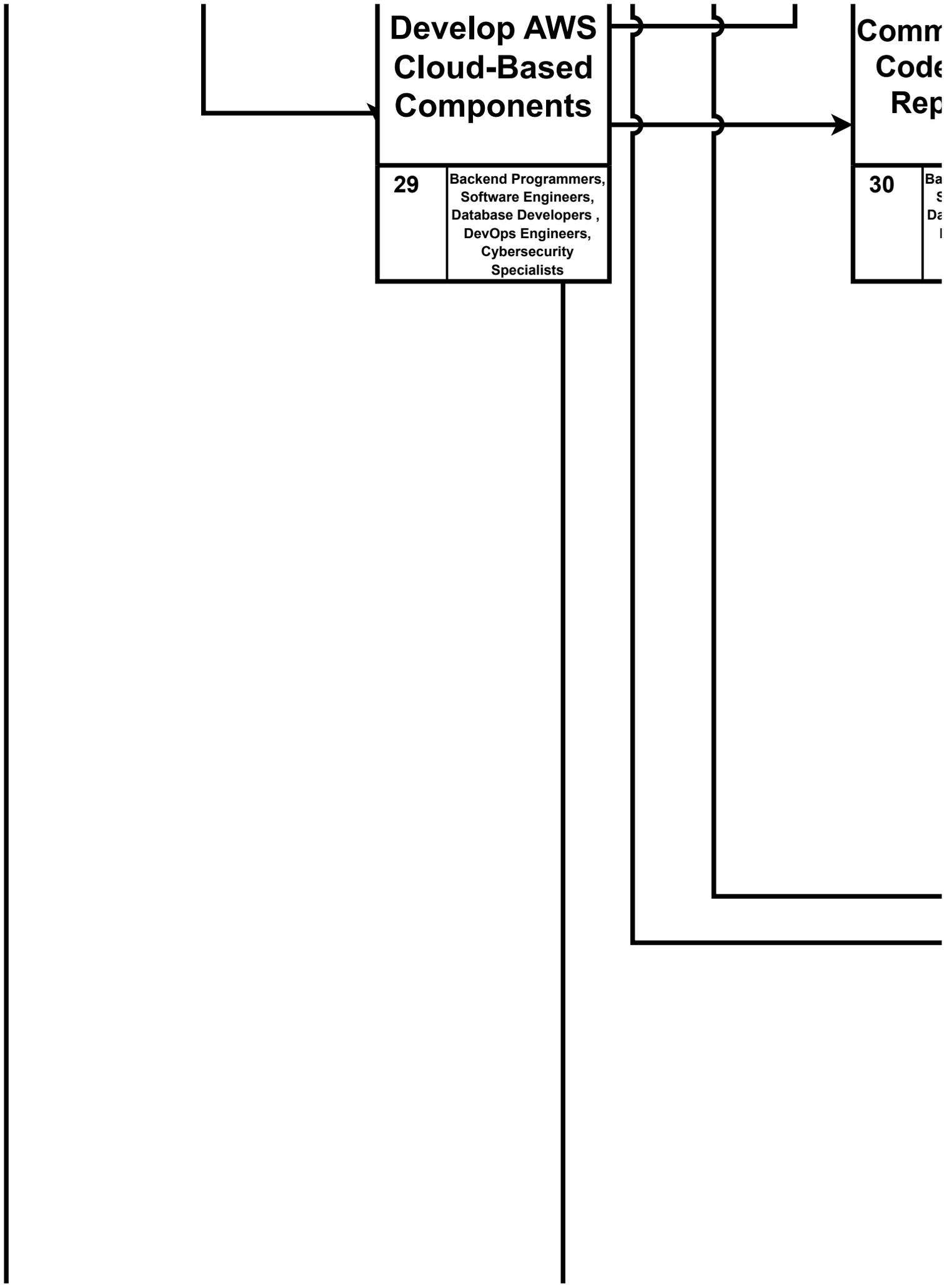

Write Closure Documents
155
Steering Committee, Project Sponsor, Project Manager, Project Administrators
Close

Analyse
Project and


Manager
Create Procurement Plann
12
Project Manager


Tech Leads, Steering Committee, Project Sponsor
Refer to Communications Plan
B
Project Manager, Team Leaders, Tech Leads, Steering Committee, Project Sponsor
Set Up Appropriate Communications Tools
C
Project Manager, Team Leaders, Tech Leads, Steering Committee, Project Sponsor
Communicate With Team Members
D
Project Manager, Team Leaders, Tech Leads, Steering Committee, Project Sponsor, Team Members
Communicate With Stakeholders
E
Project Manager, Team Leaders, Tech Leads, Steering Committee, Project Sponsor, Stakeholders


Draw Entity
Relationship
Diagrams
19
Software Designers,
Software Engineers,
UI/UX Designers


Develop AWS Cloud-Based Components
29
Backend Programmers, Software Engineers, Database Developers , DevOps Engineers, Cybersecurity Specialists
Comm
Code
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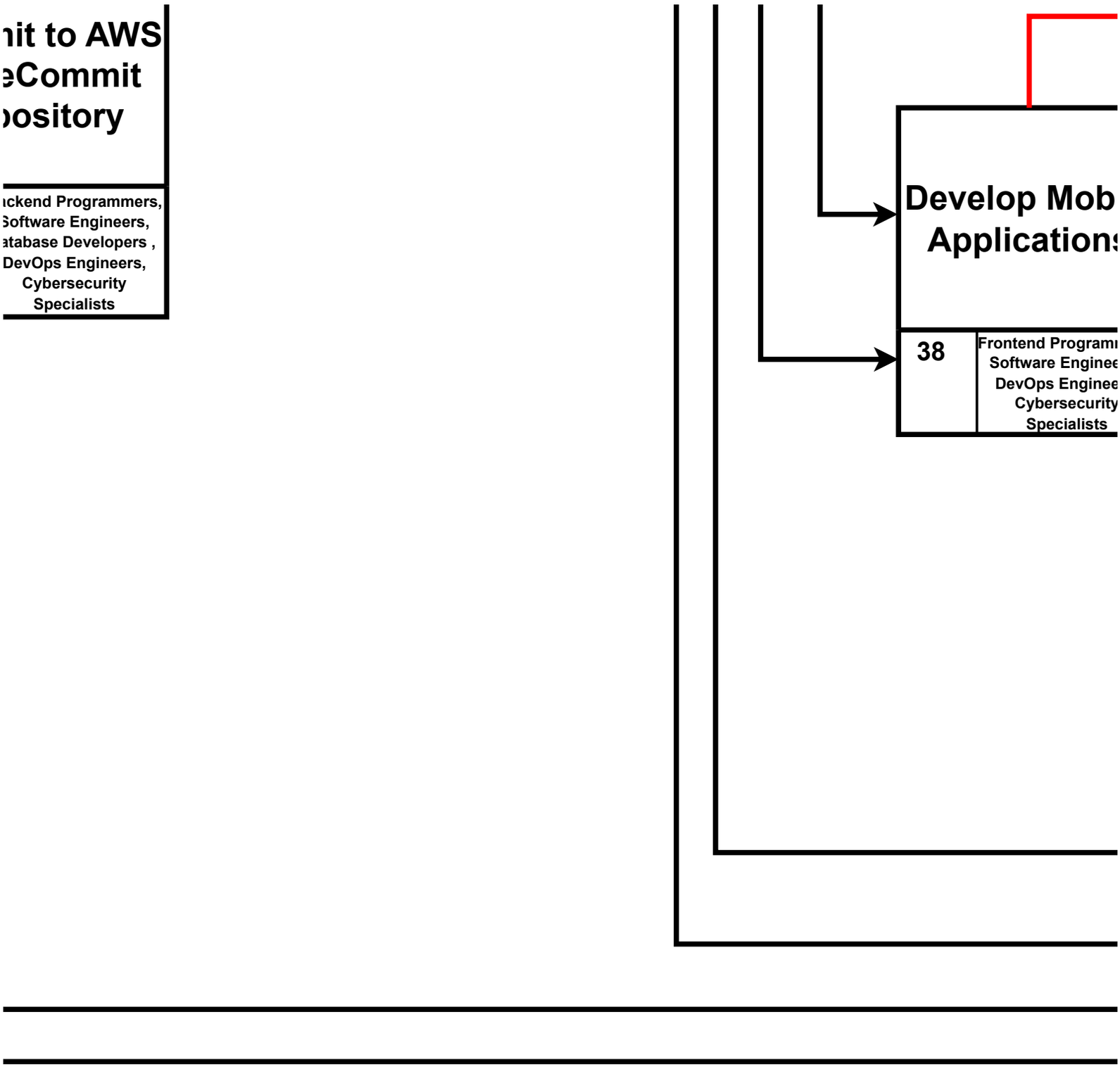
nit to AWS
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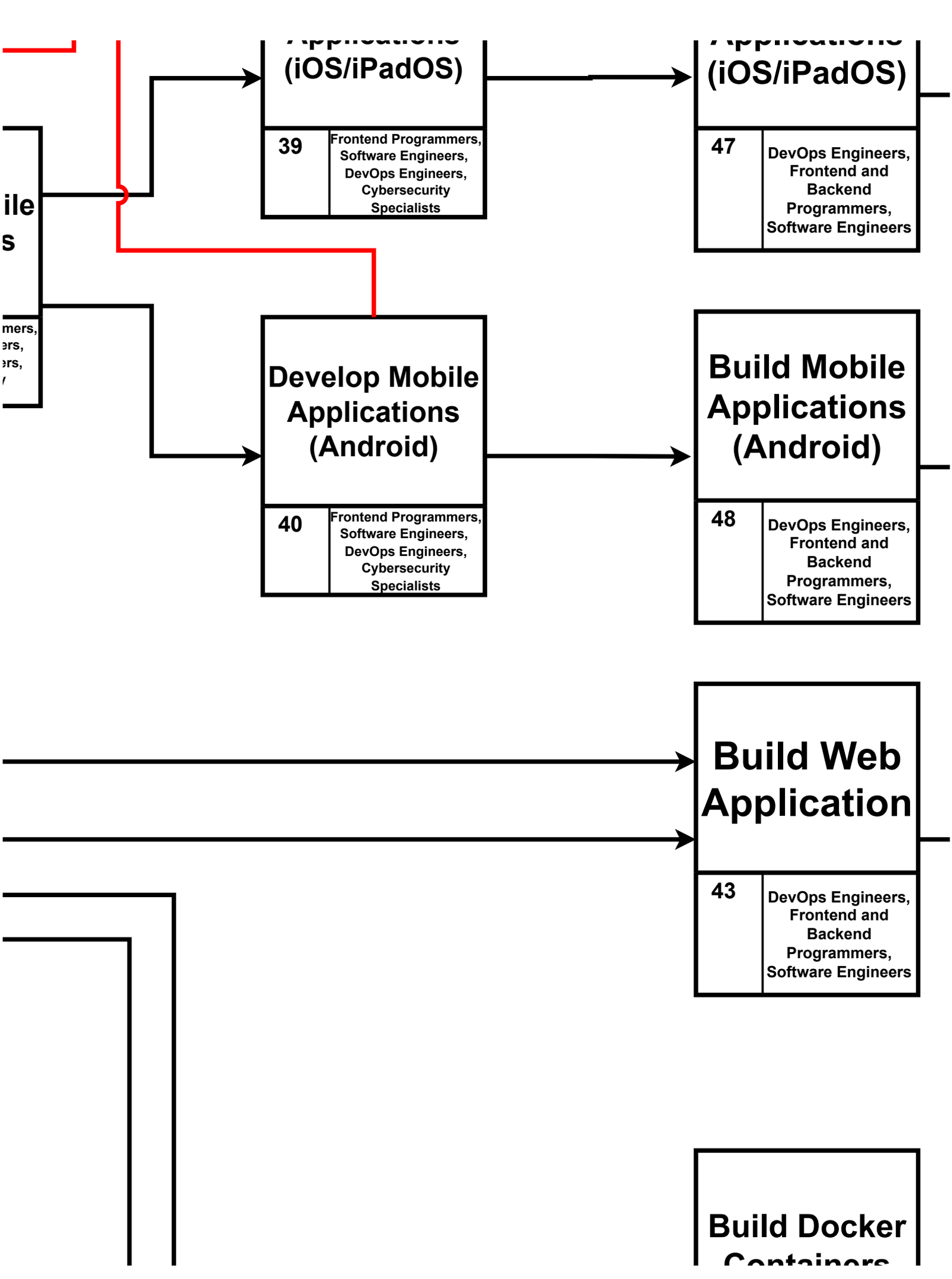
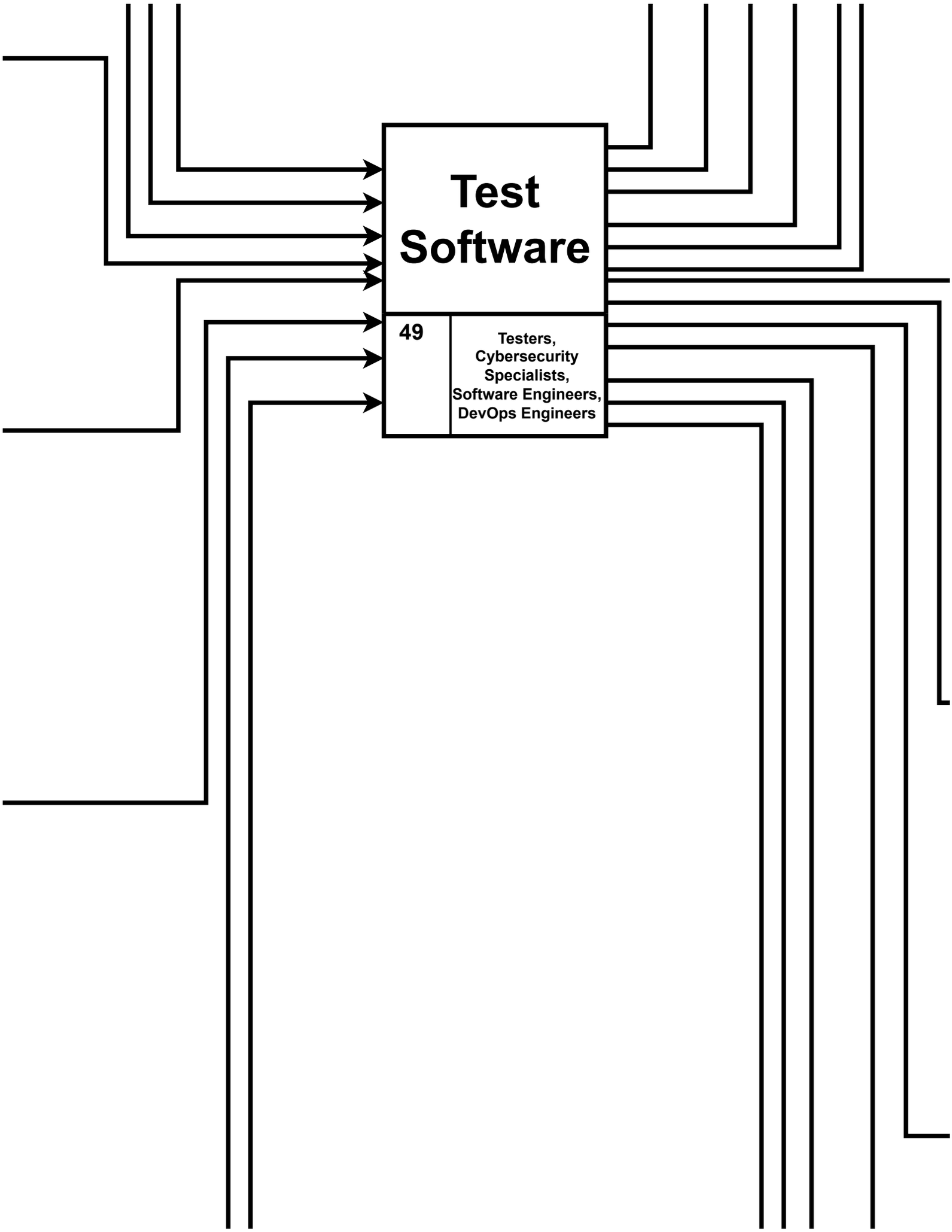
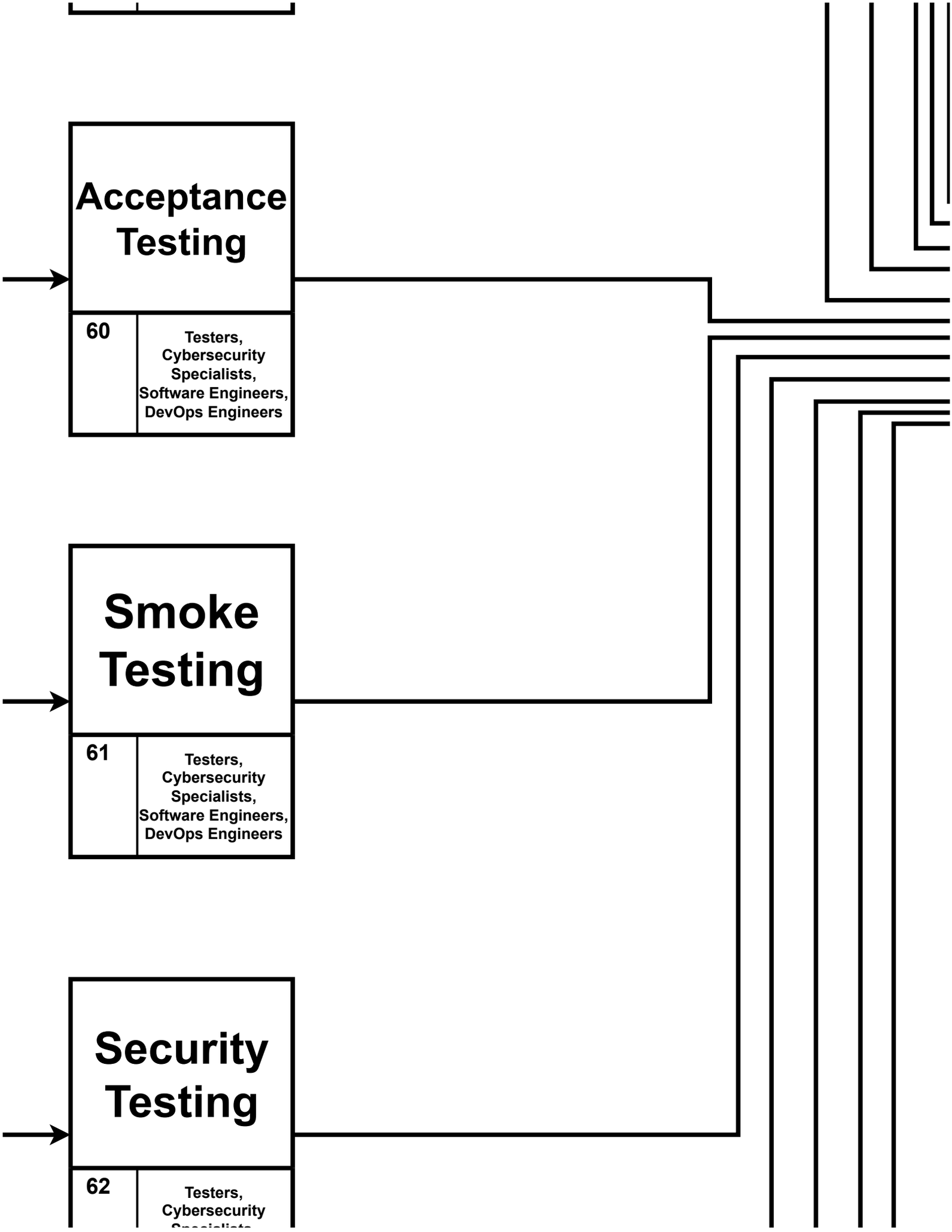
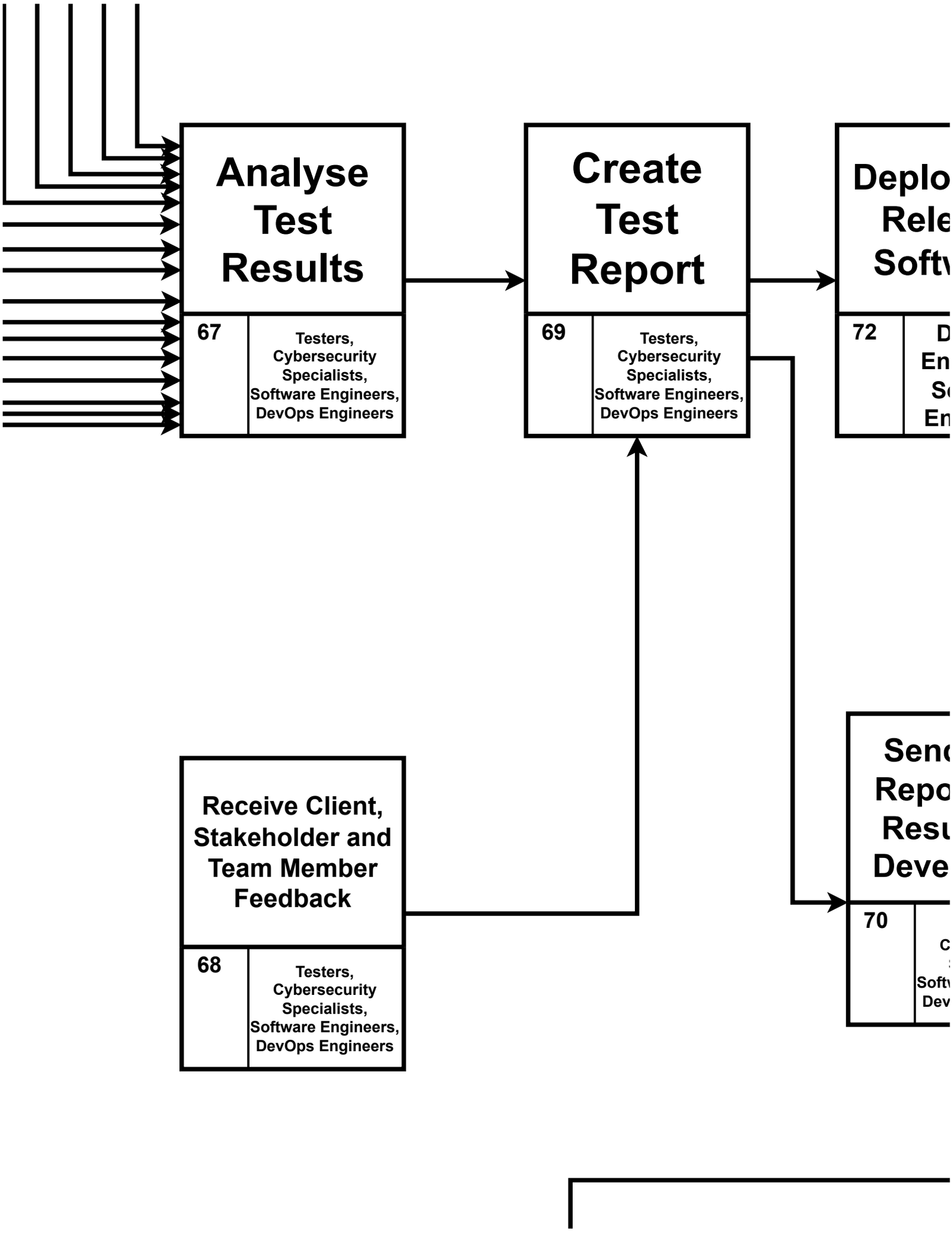
ckend Programmers,
Software Engineers,
atabase Developers ,
DevOps Engineers,
Cybersecurity
Specialists
Develop Mob
Applications
38
Frontend Programi
Software Enginee
DevOps Enginee
Cybersecurity
Specialists


(iOS/iPadOS)
39
Frontend Programmers, Software Engineers, DevOps Engineers, Cybersecurity Specialists
(iOS/iPadOS)
47
DevOps Engineers, Frontend and Backend Programmers, Software Engineers
Develop Mobile Applications (Android)
40
Frontend Programmers, Software Engineers, DevOps Engineers, Cybersecurity Specialists
Build Mobile Applications (Android)
48
DevOps Engineers, Frontend and Backend Programmers, Software Engineers
Build Web Application
43
DevOps Engineers, Frontend and Backend Programmers, Software Engineers
Build Docker


Test Software
49
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers


Acceptance Testing
60
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
Smoke Testing
61
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
Security Testing
62
Testers, Cybersecurity


Analyse Test Results
67
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
Create Test Report
69
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
Deplo
Rele
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72
D
En
S
En
Receive Client, Stakeholder and Team Member Feedback
68
Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
Send
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Resu
Deve
70
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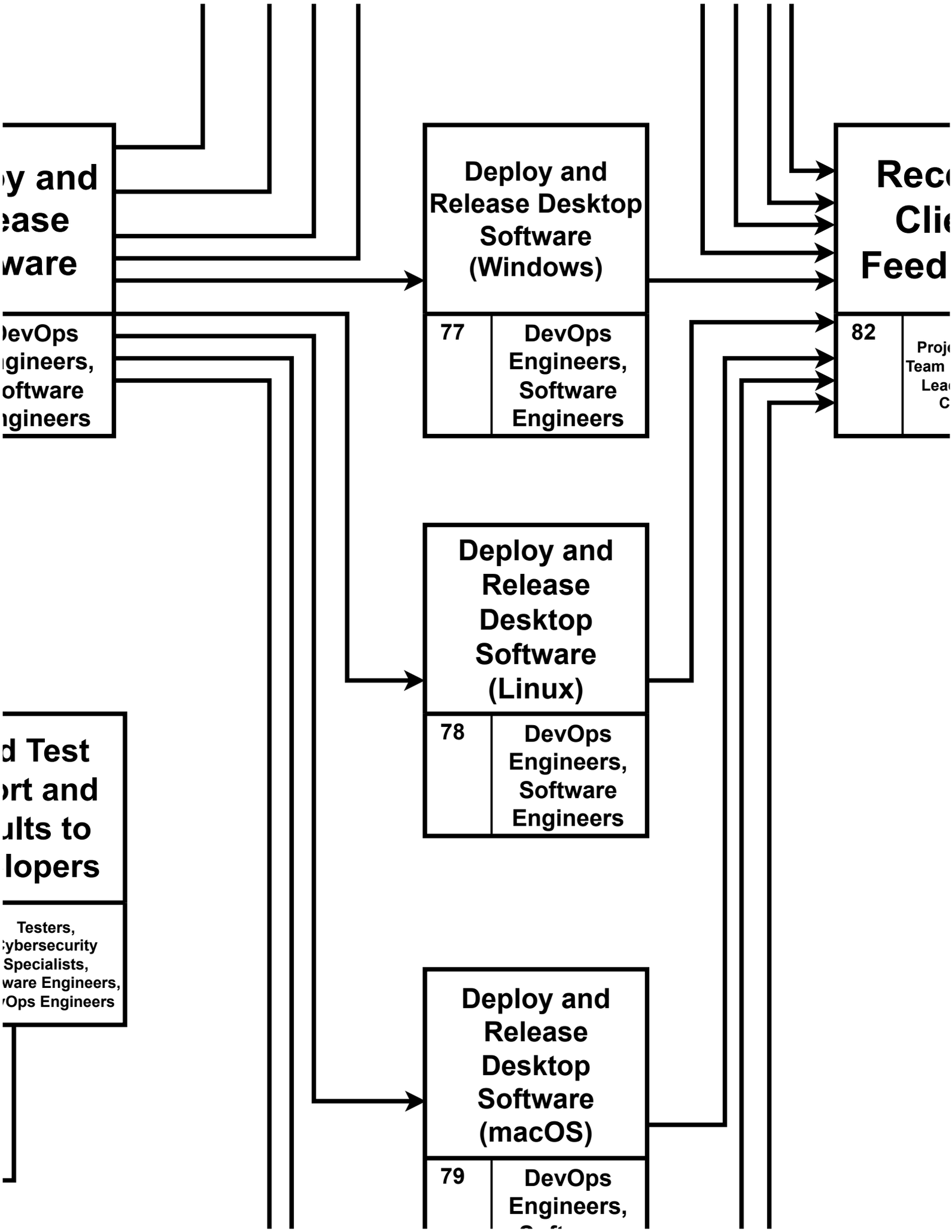
Softv
Dev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DevOps
gineers,
oftware
gineers
Deploy and Release Desktop Software (Windows)
77
DevOps Engineers, Software Engineers
Rec
Clie
Feed
82
Proj
Team
Lea
C
Deploy and Release Desktop Software (Linux)
78
DevOps Engineers, Software Engineers
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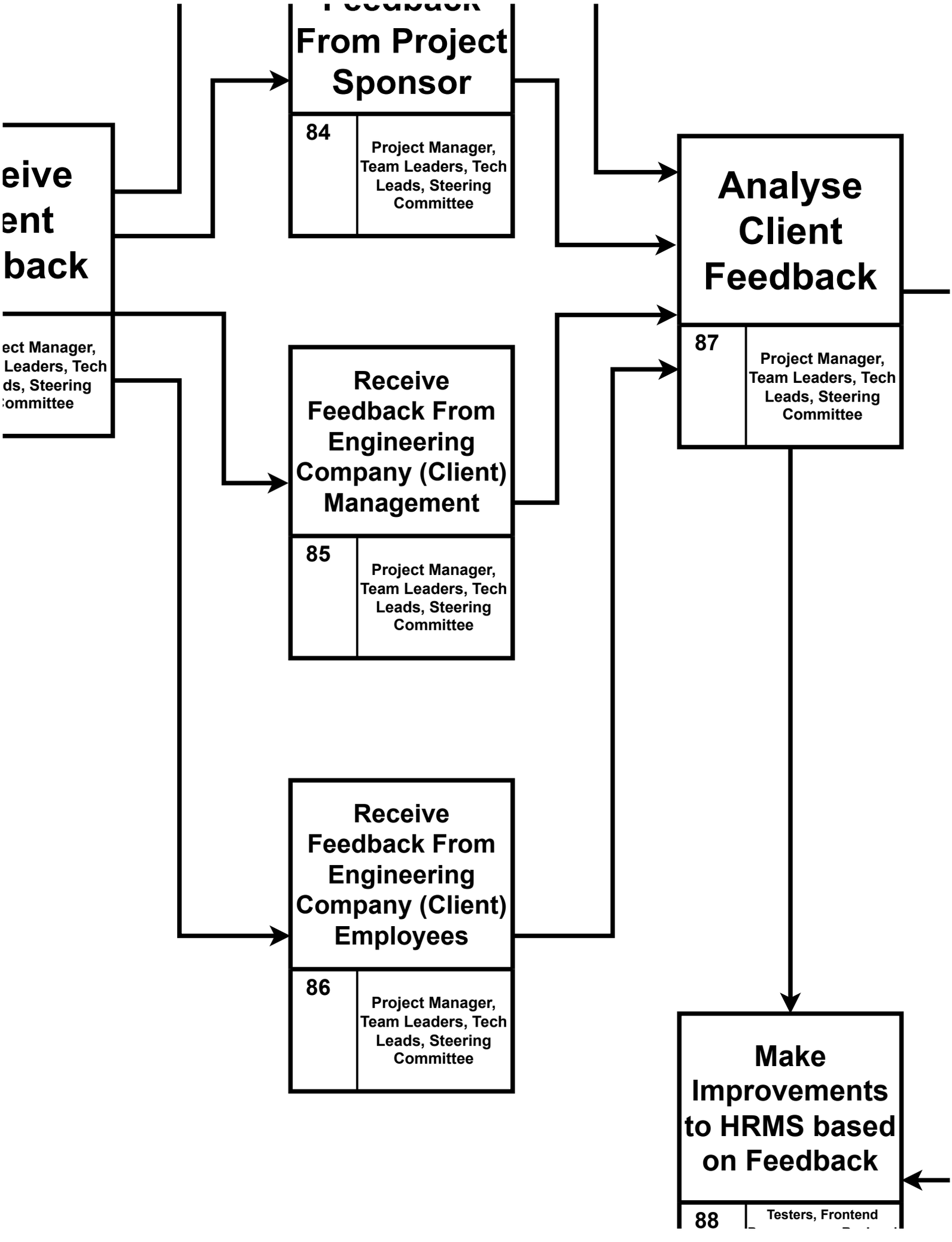
Testers,
ybersecurity
Specialists,
ware Engineers,
Ops Engineers
Deploy and Release Desktop Software (macOS)
79
DevOps Engineers,


From Project Sponsor
84
Project Manager, Team Leaders, Tech Leads, Steering Committee
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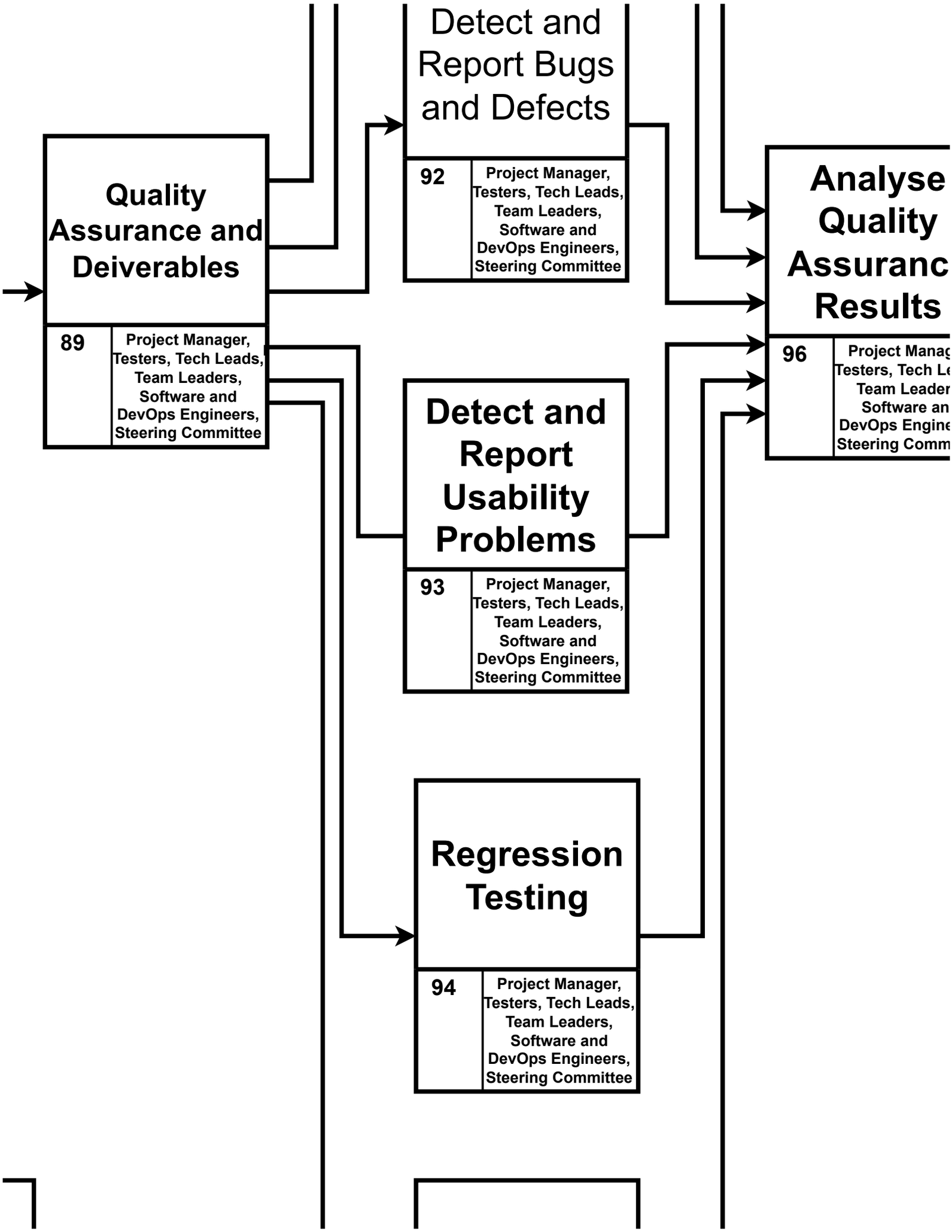
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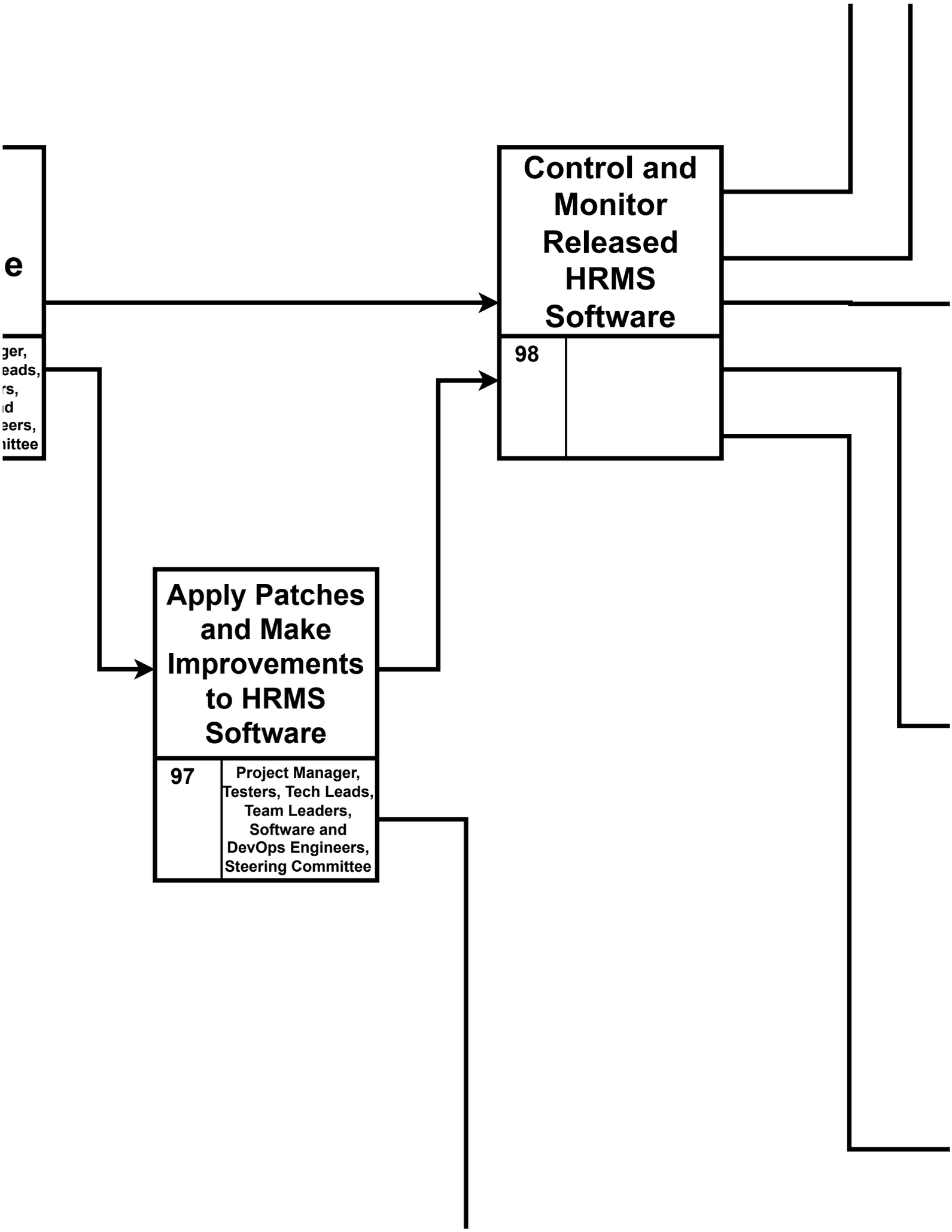
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98
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97
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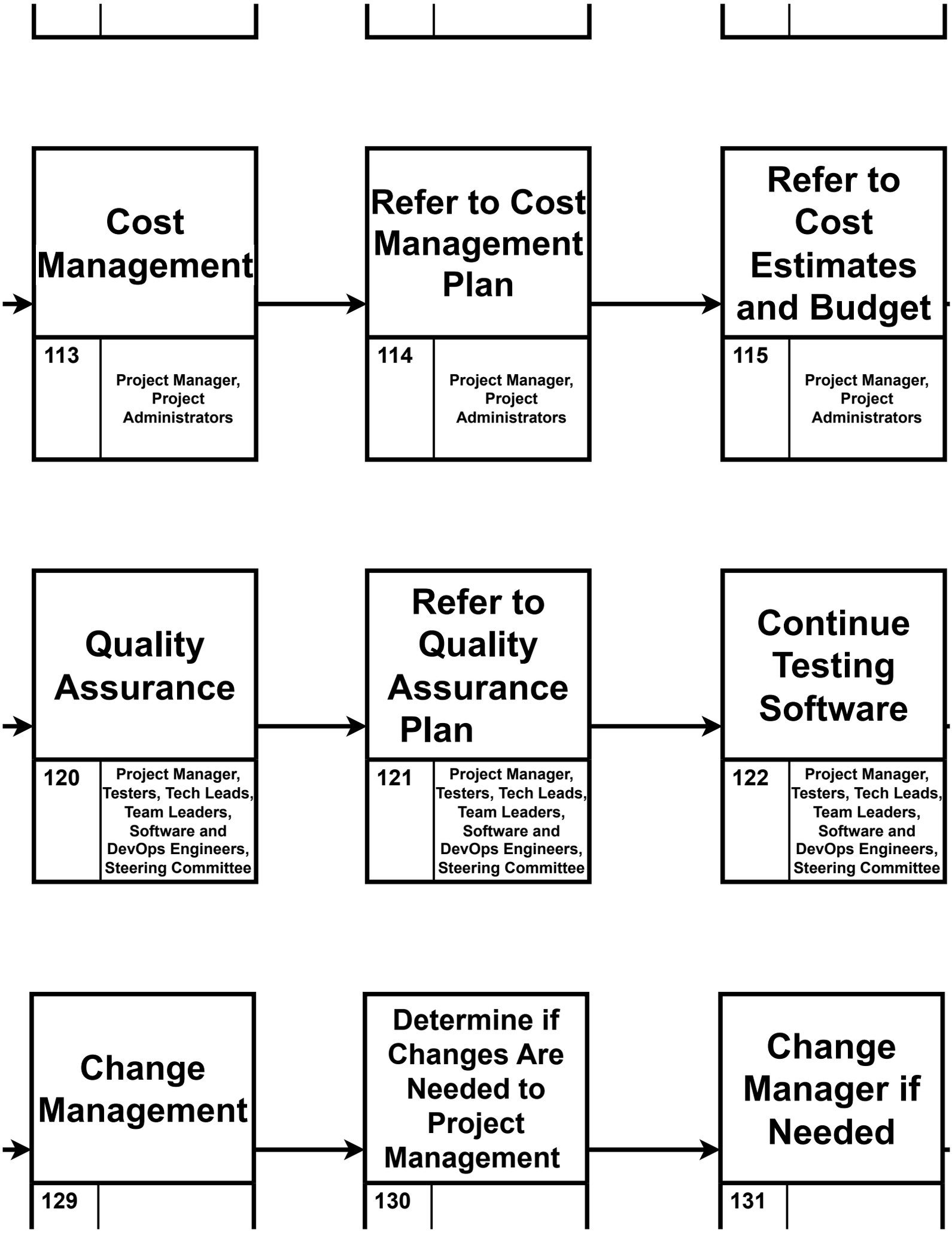
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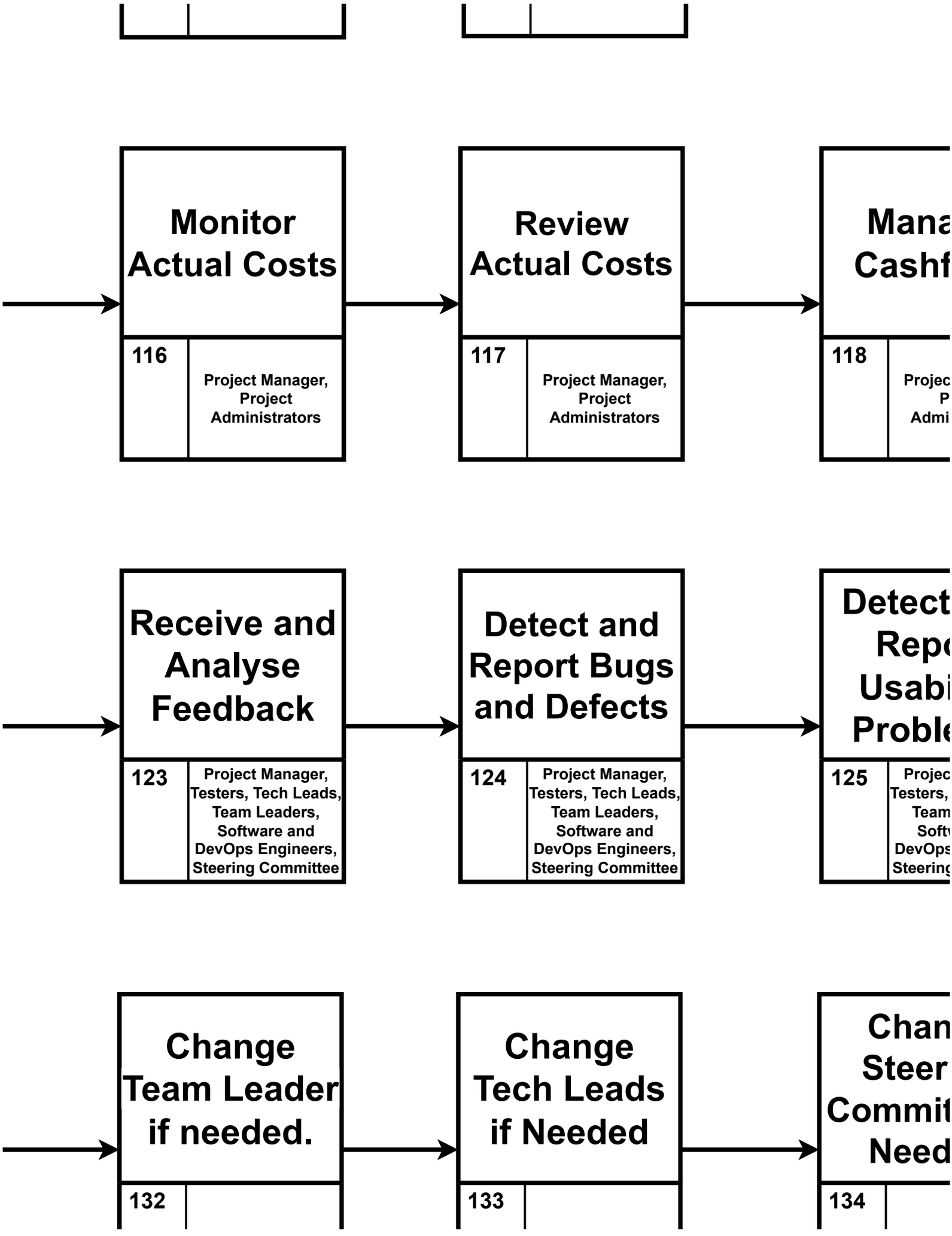
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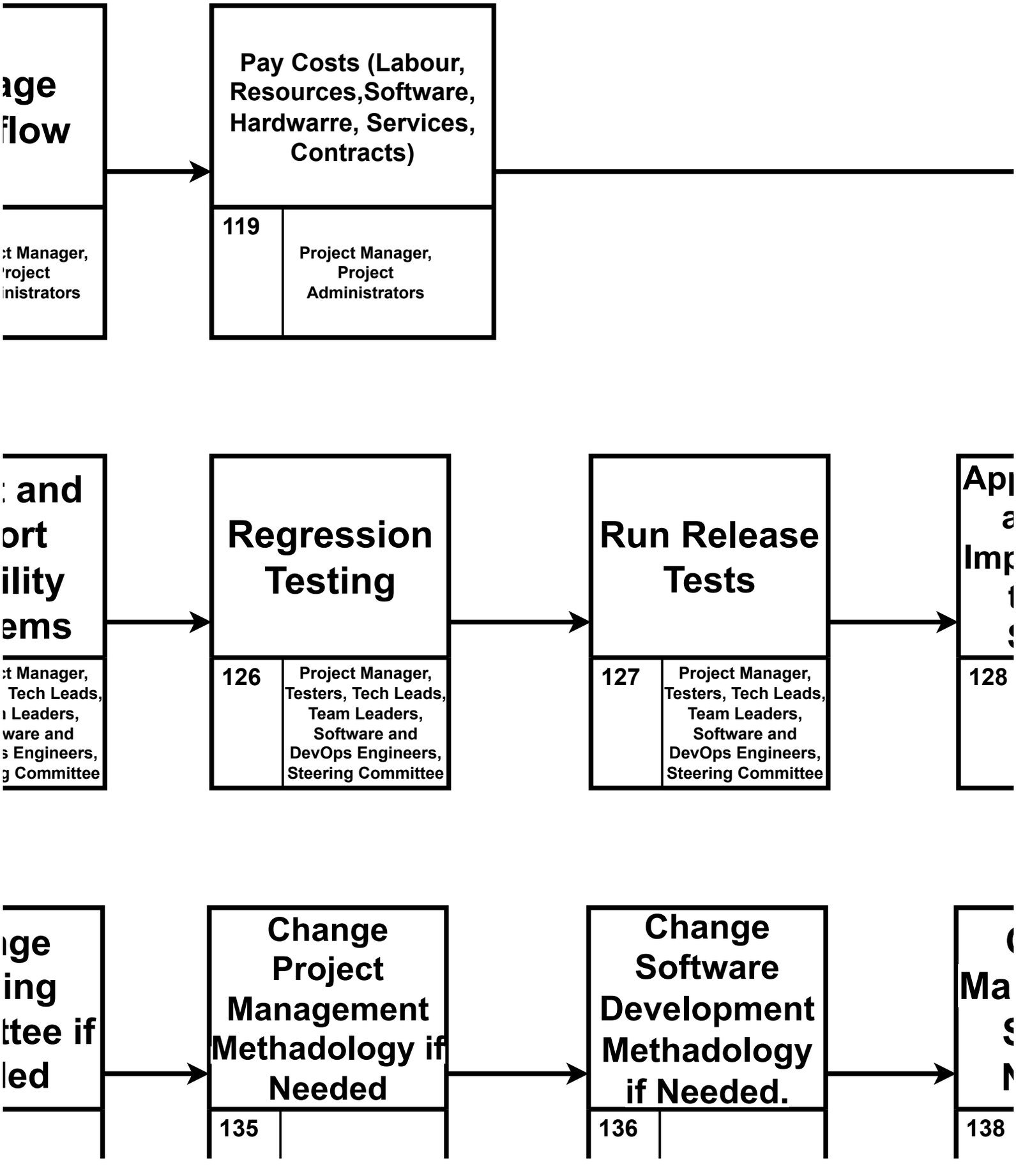
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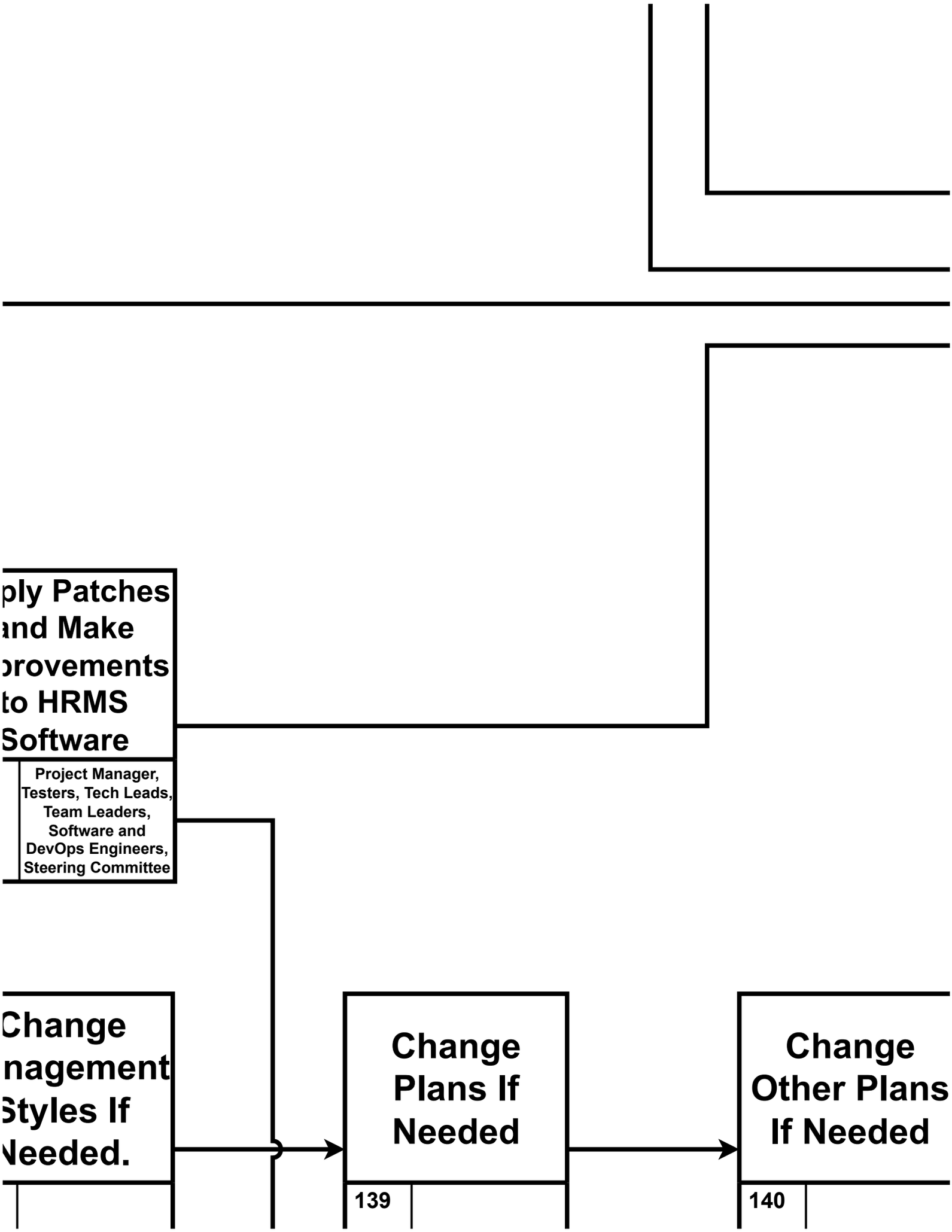
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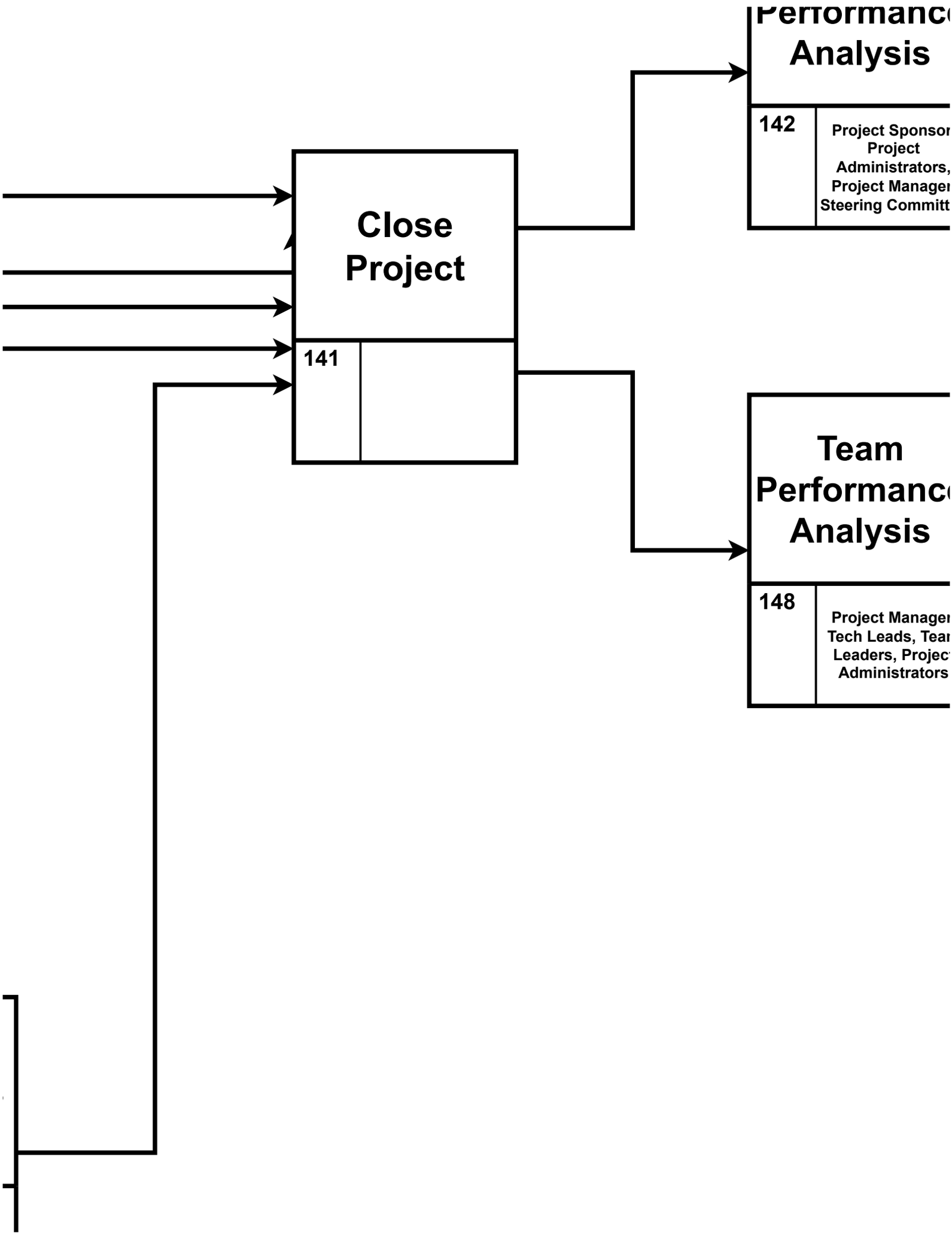
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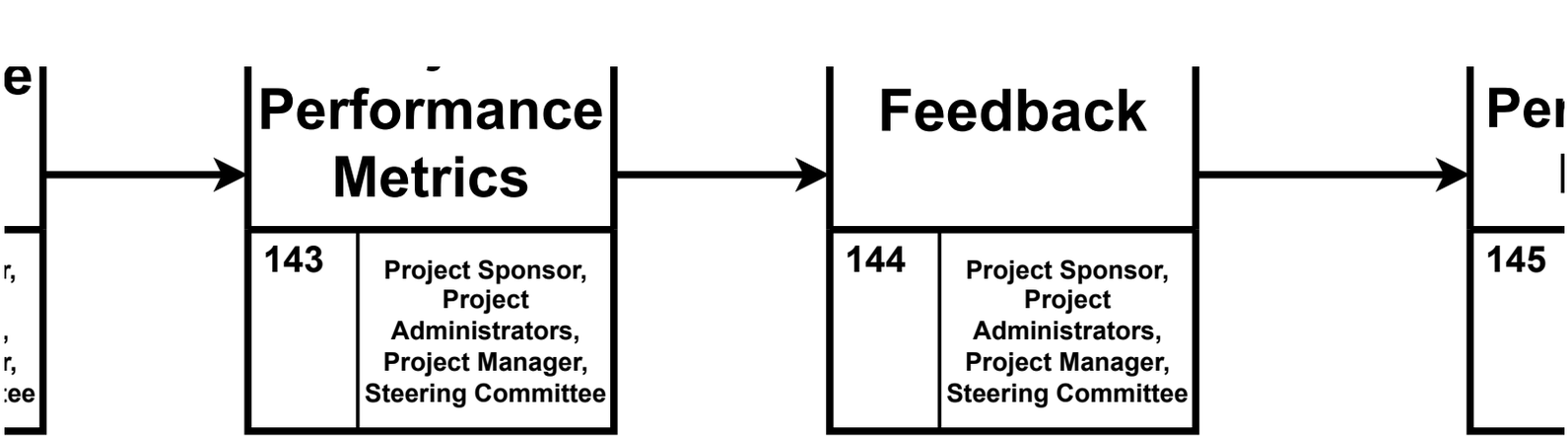
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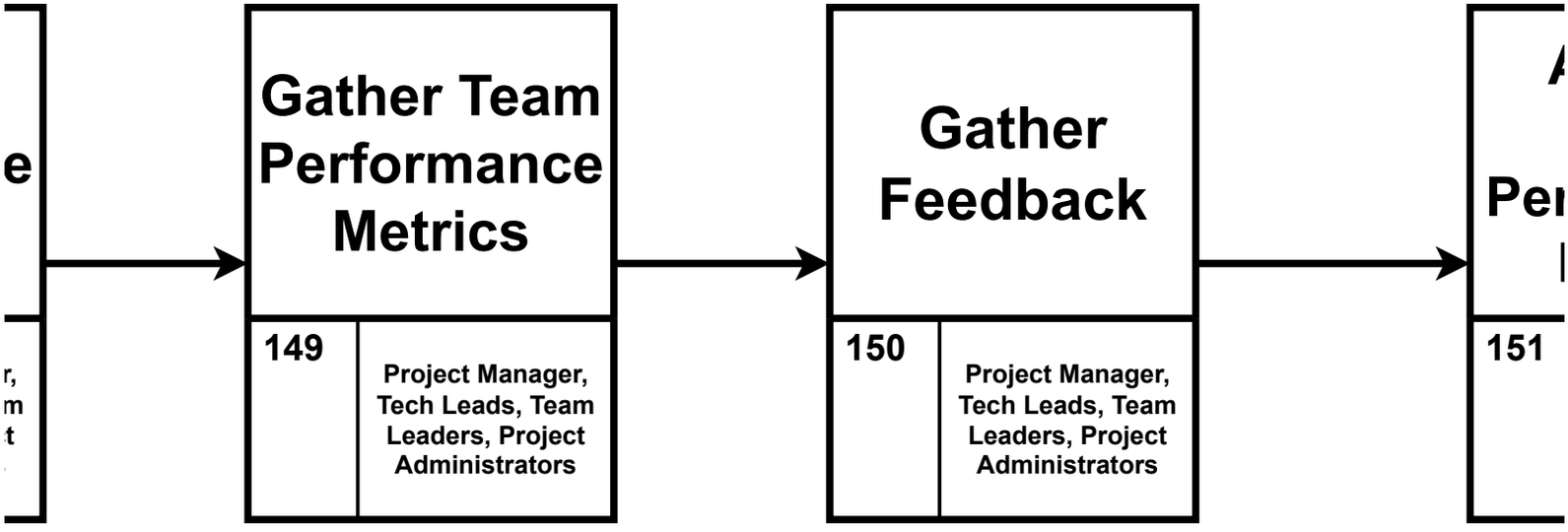
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149
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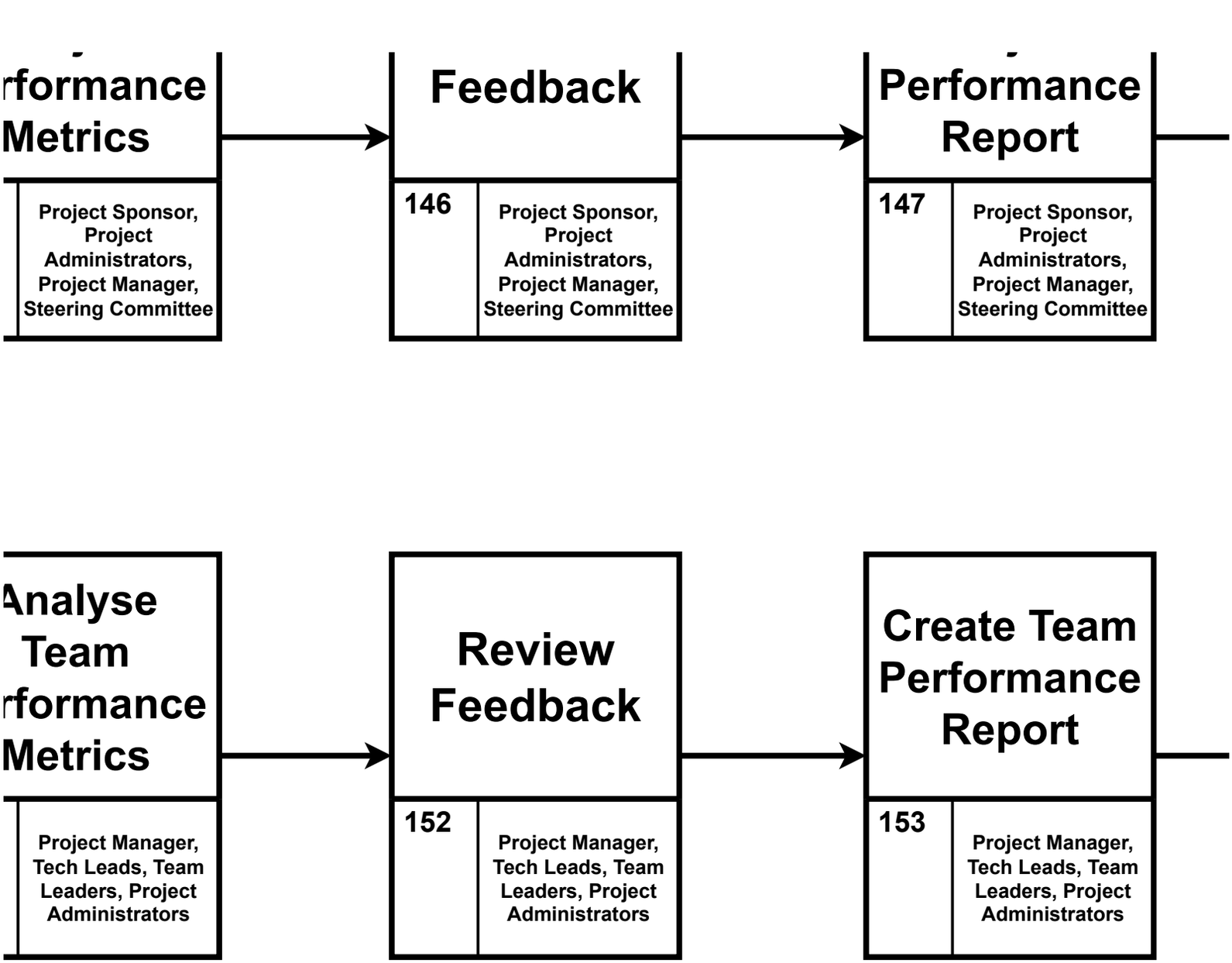
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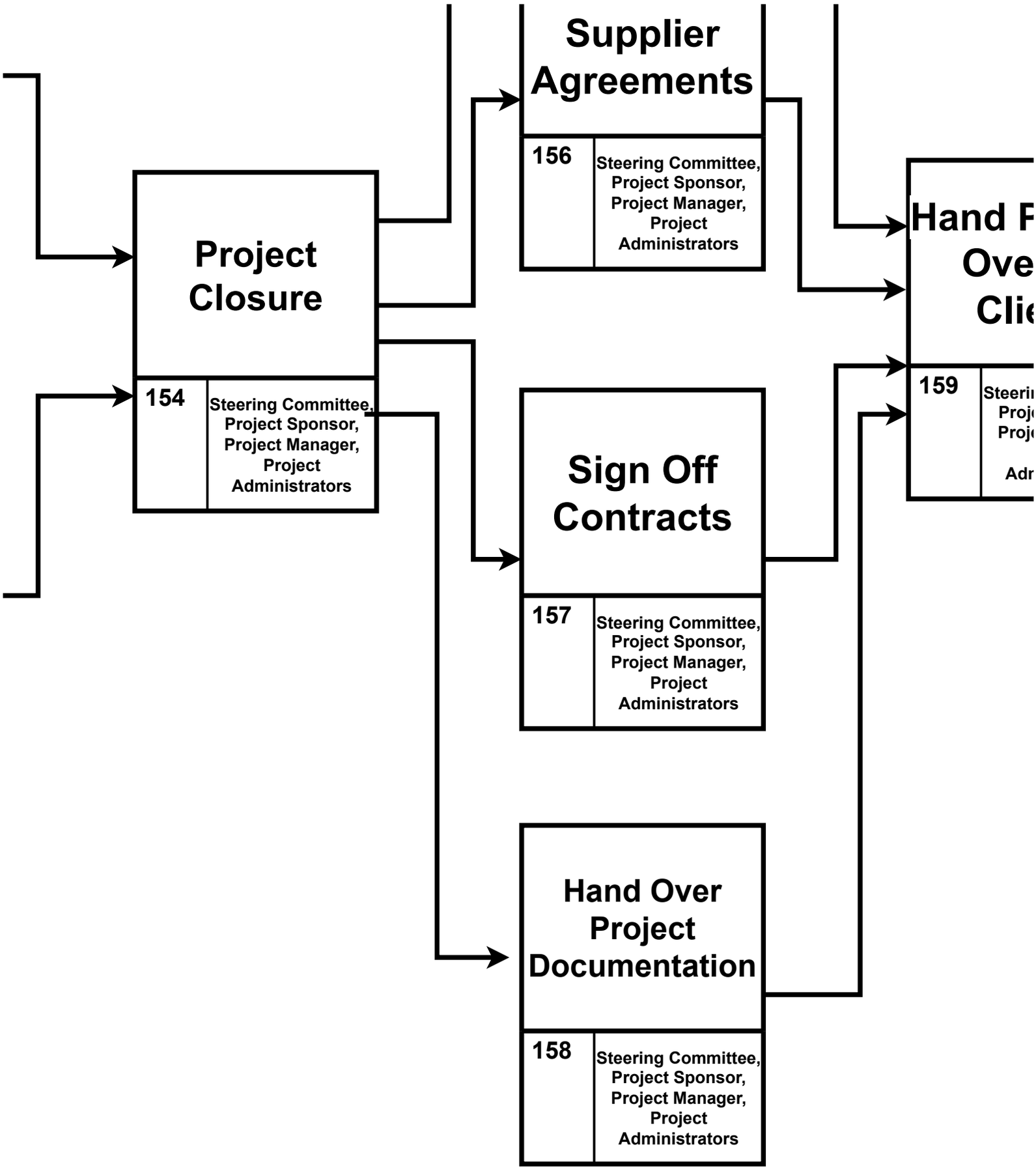
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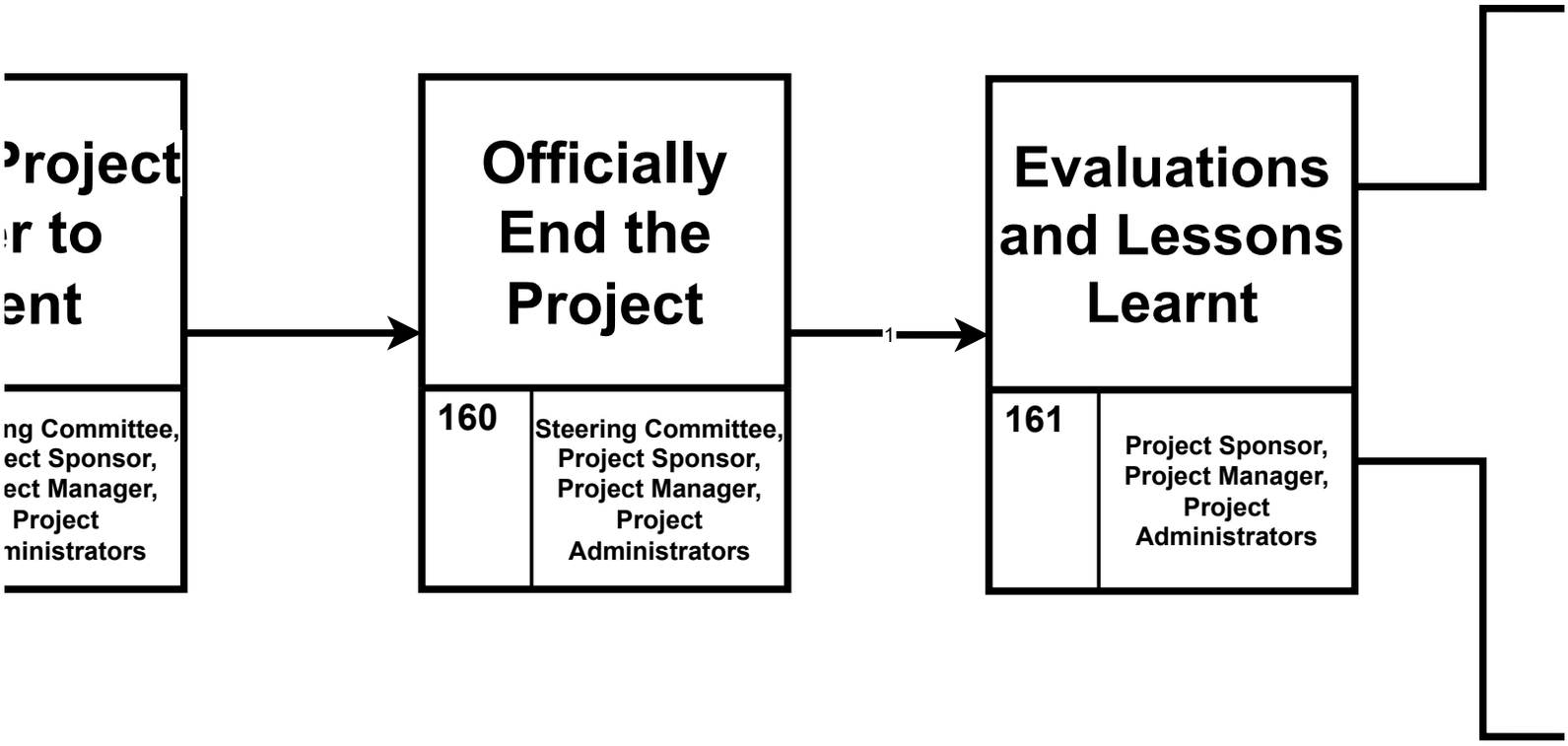
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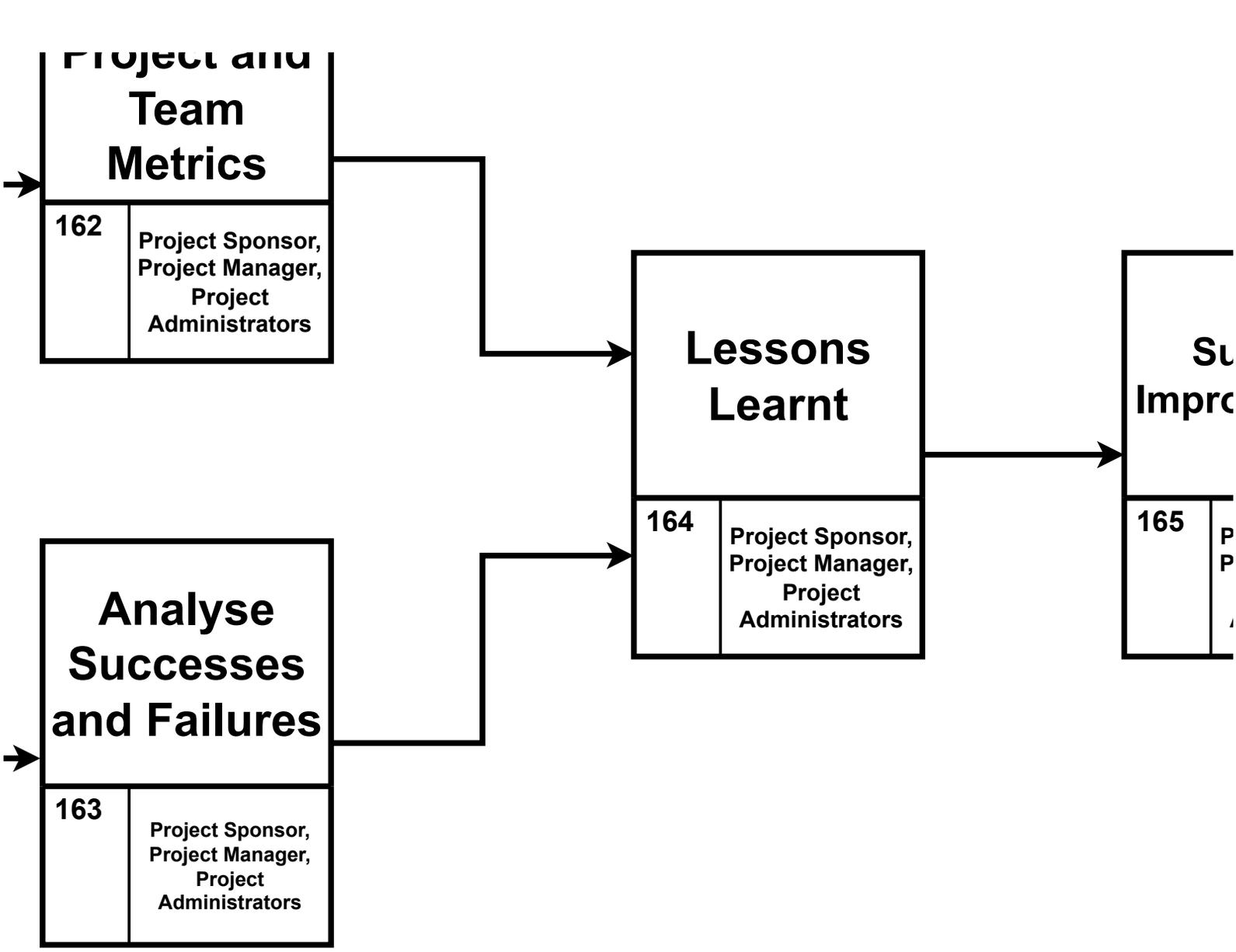
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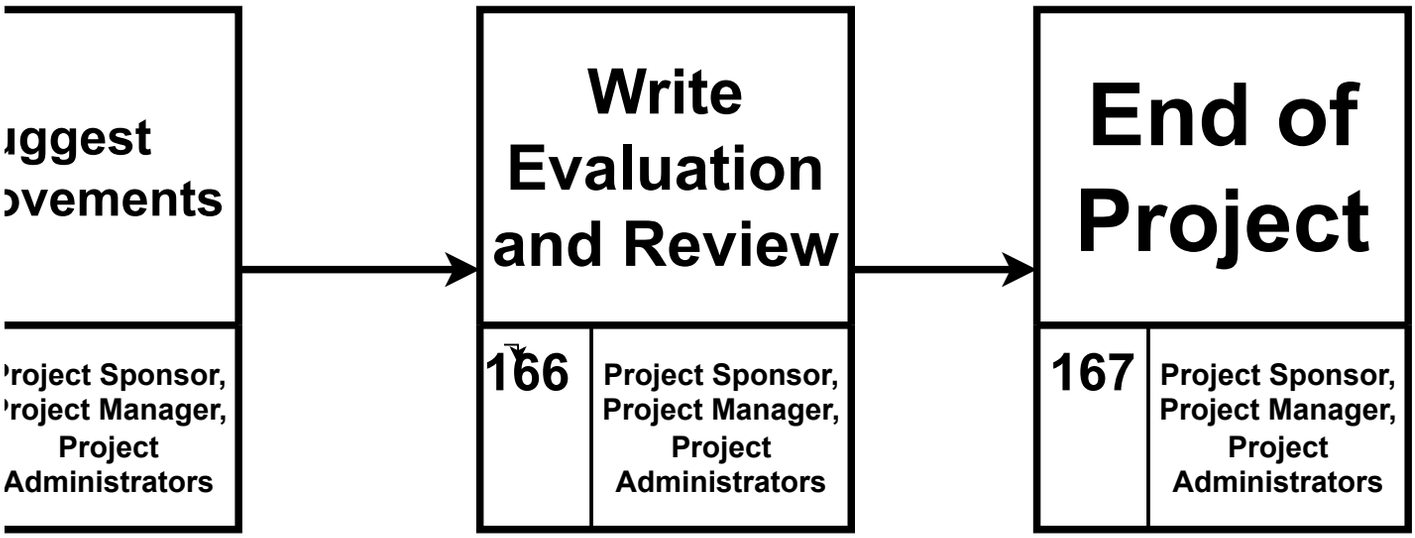
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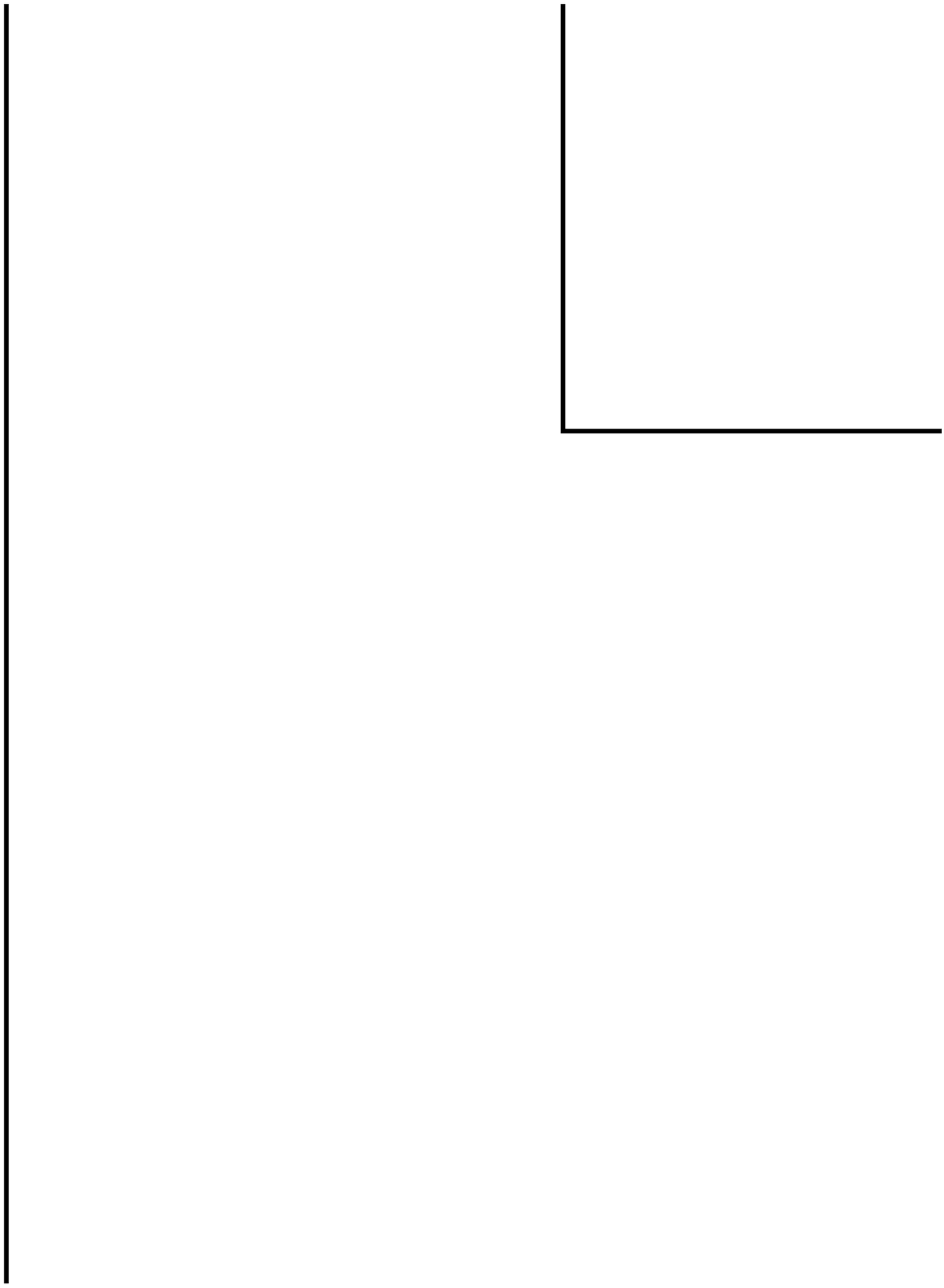

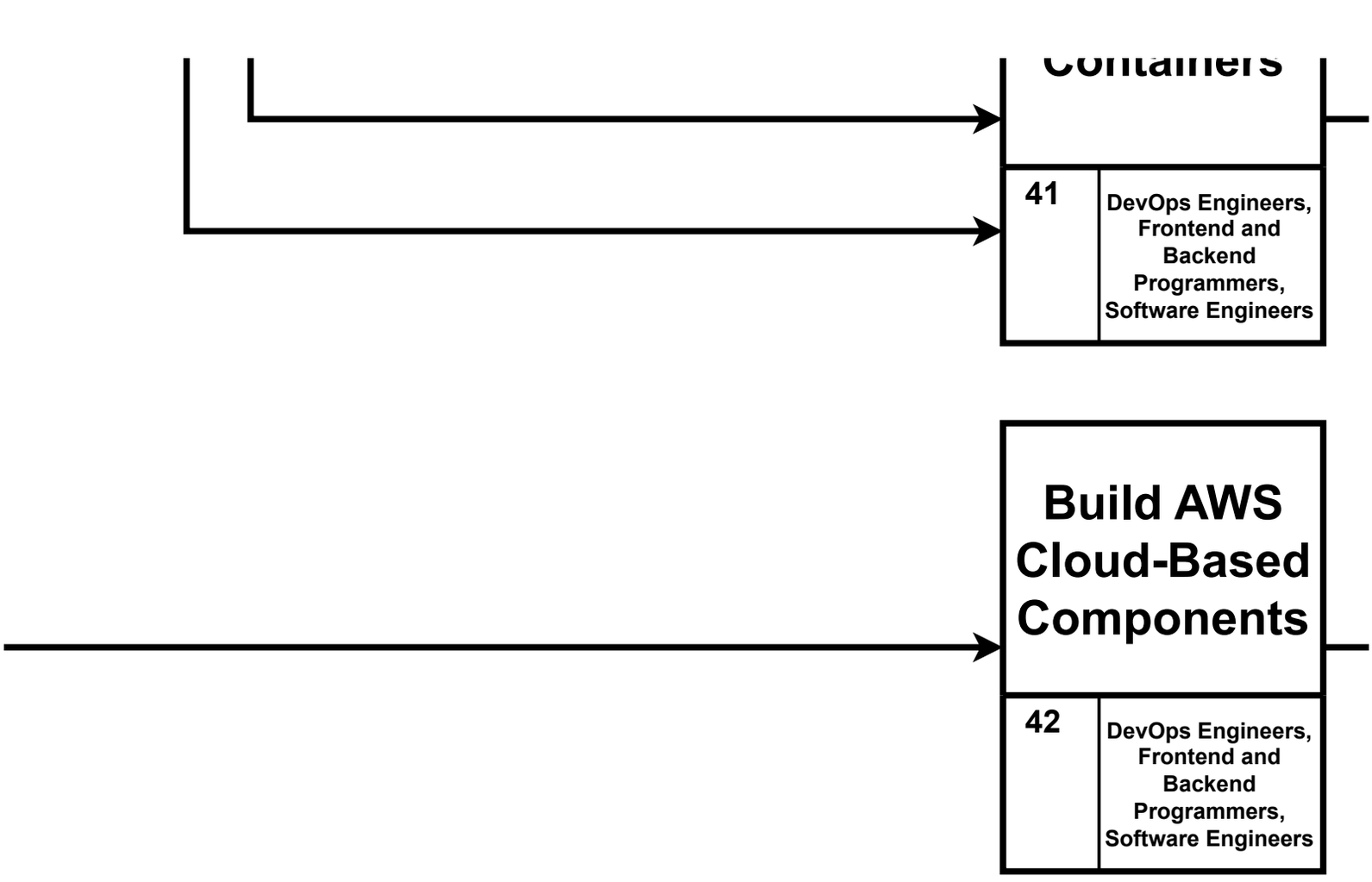
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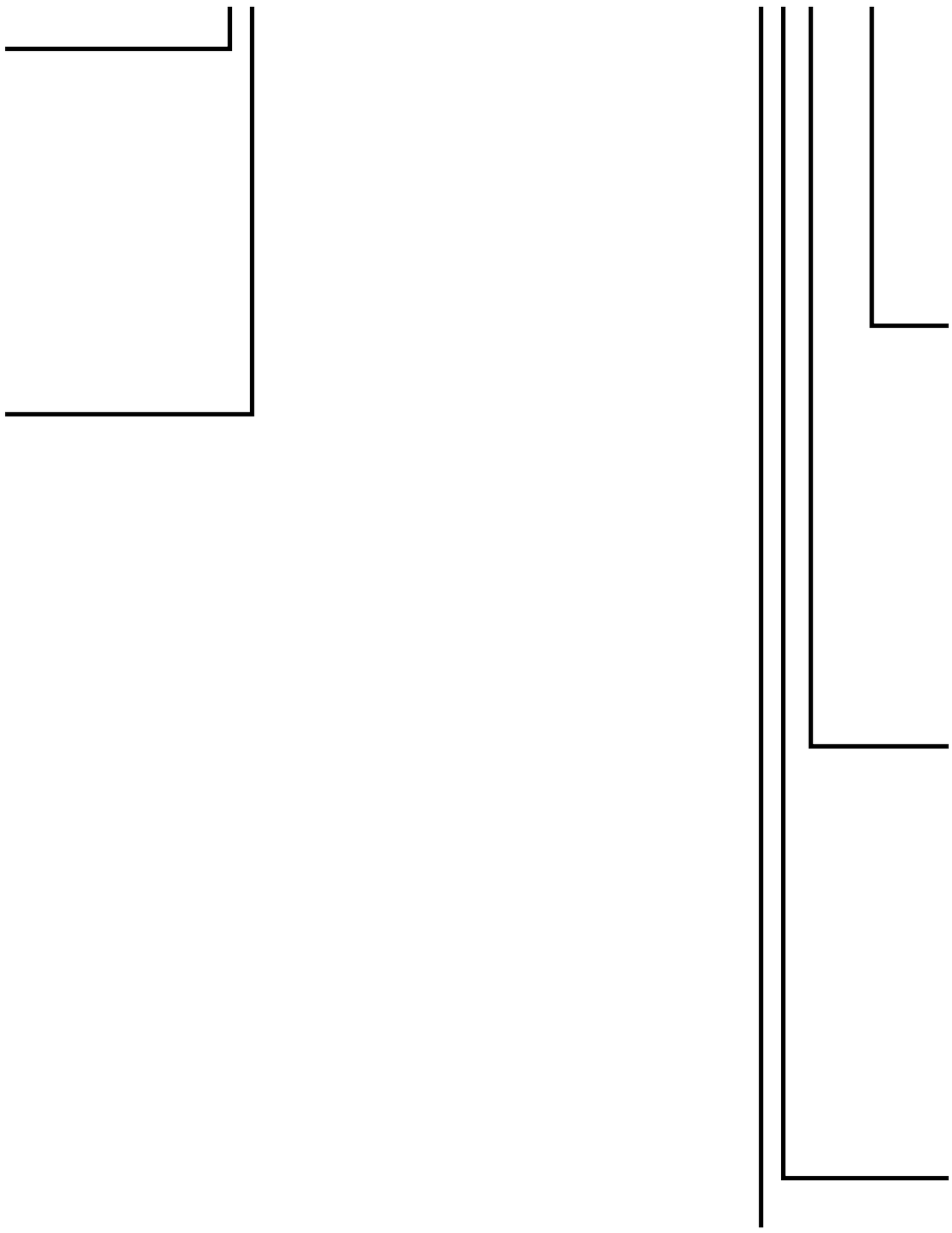

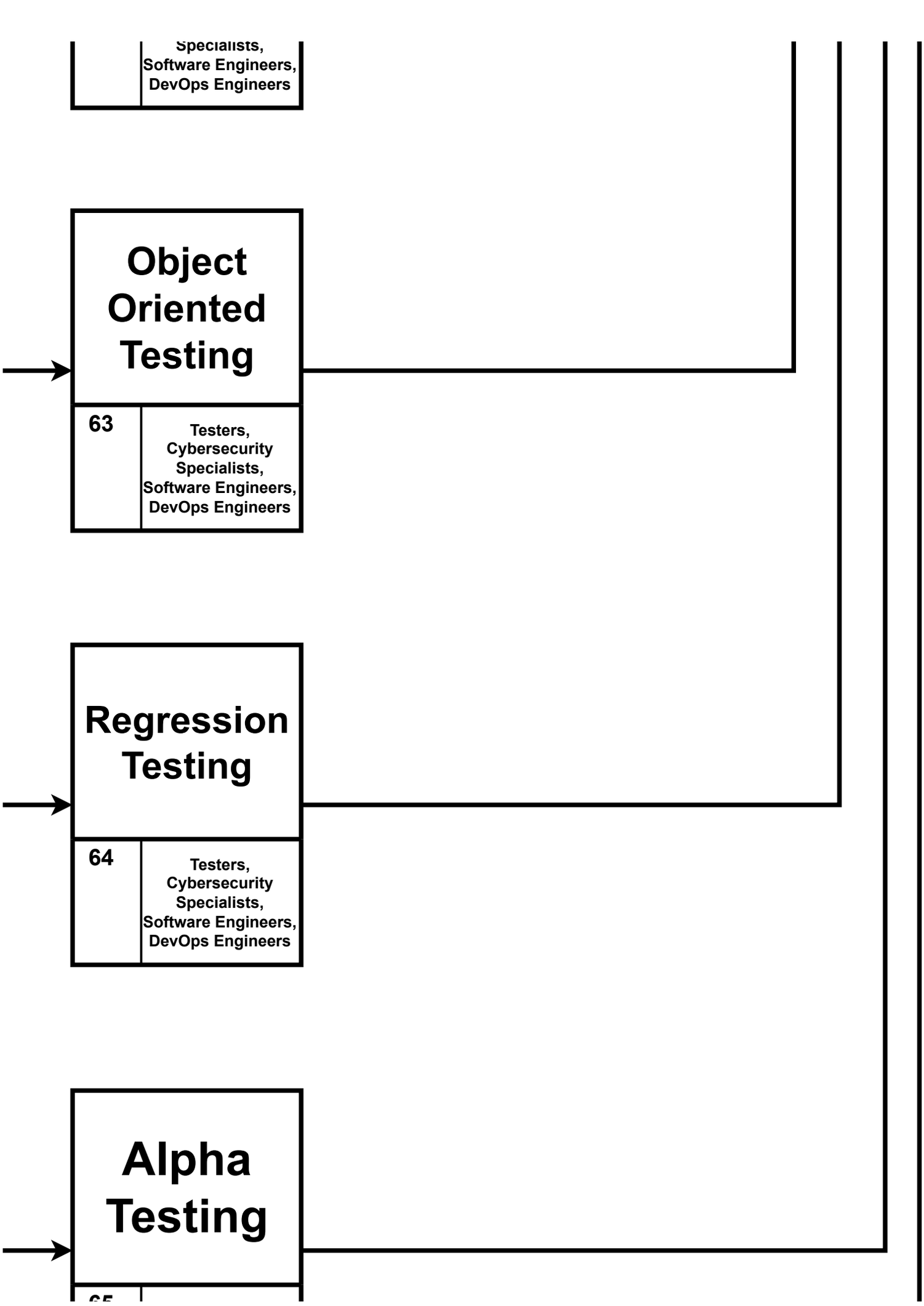
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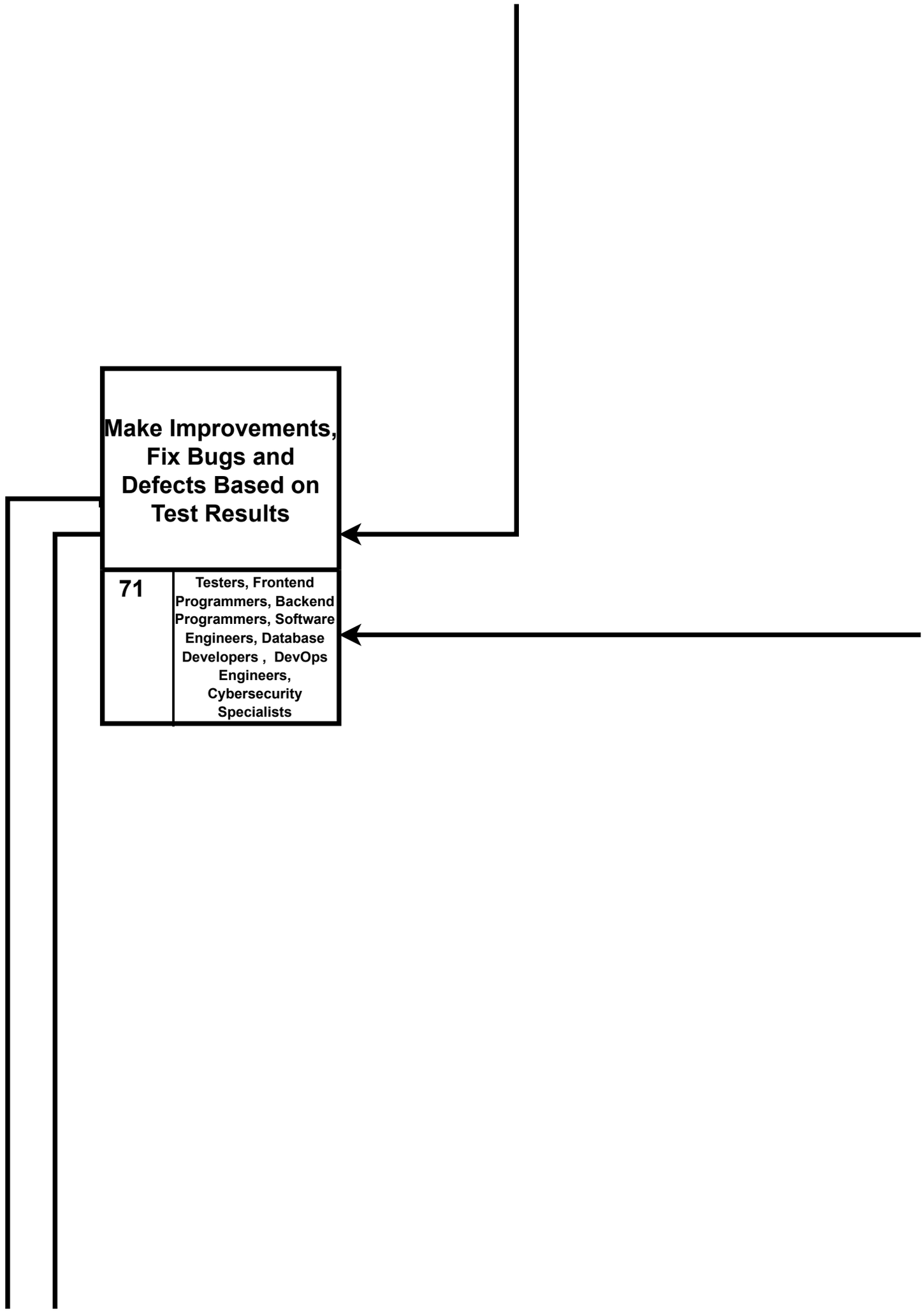
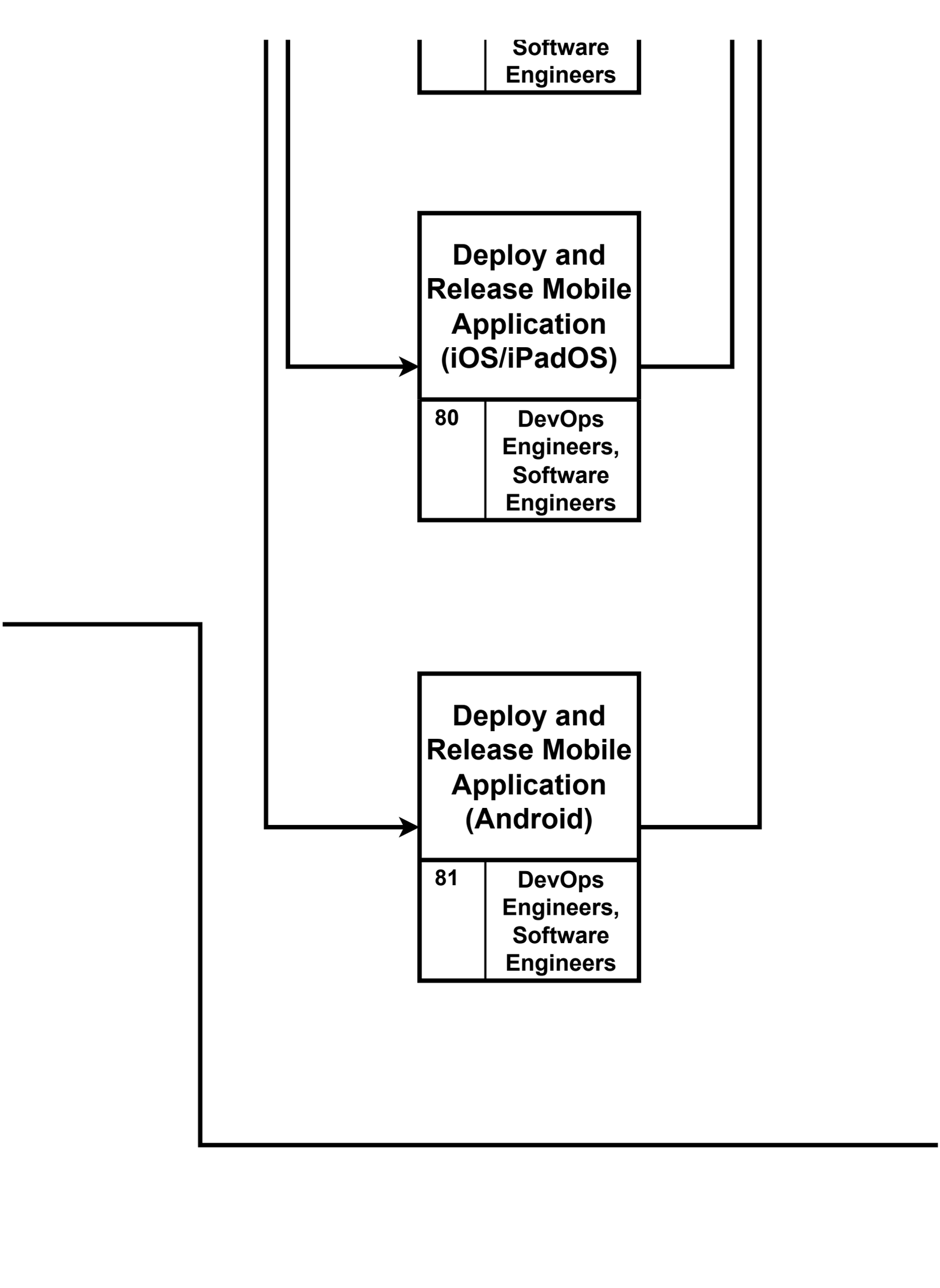

Make Improvements, Fix Bugs and Defects Based on Test Results
71
Testers, Frontend Programmers, Backend Programmers, Software Engineers, Database Developers , DevOps Engineers, Cybersecurity Specialists


Software Engineers
Deploy and Release Mobile Application (iOS/iPadOS)
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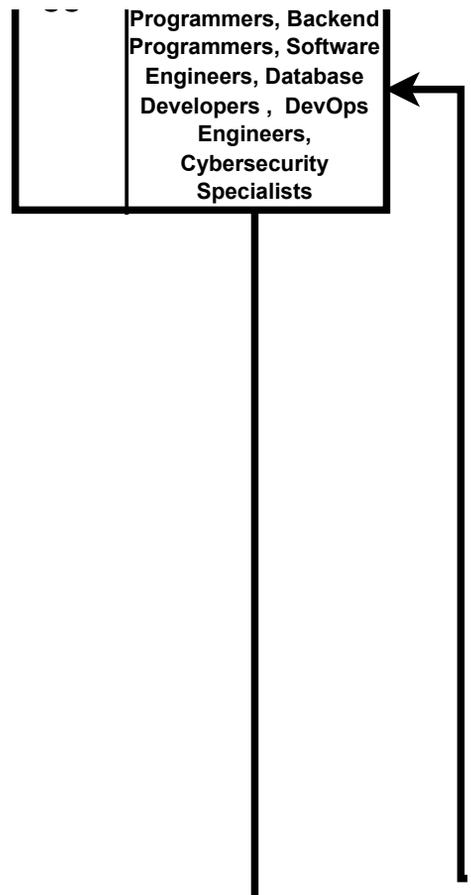
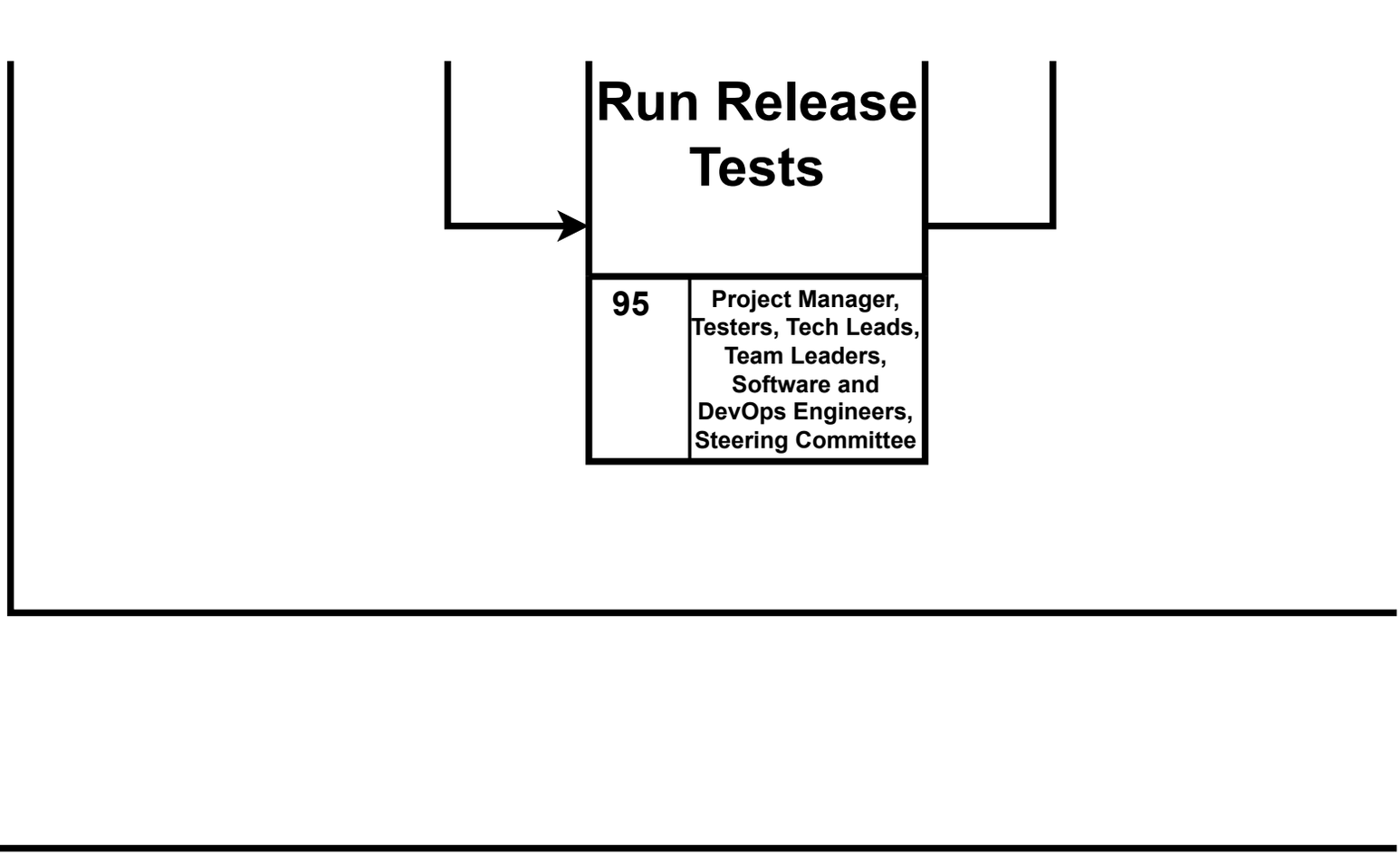

Programmers, Backend Programmers, Software Engineers, Database Developers , DevOps Engineers, Cybersecurity Specialists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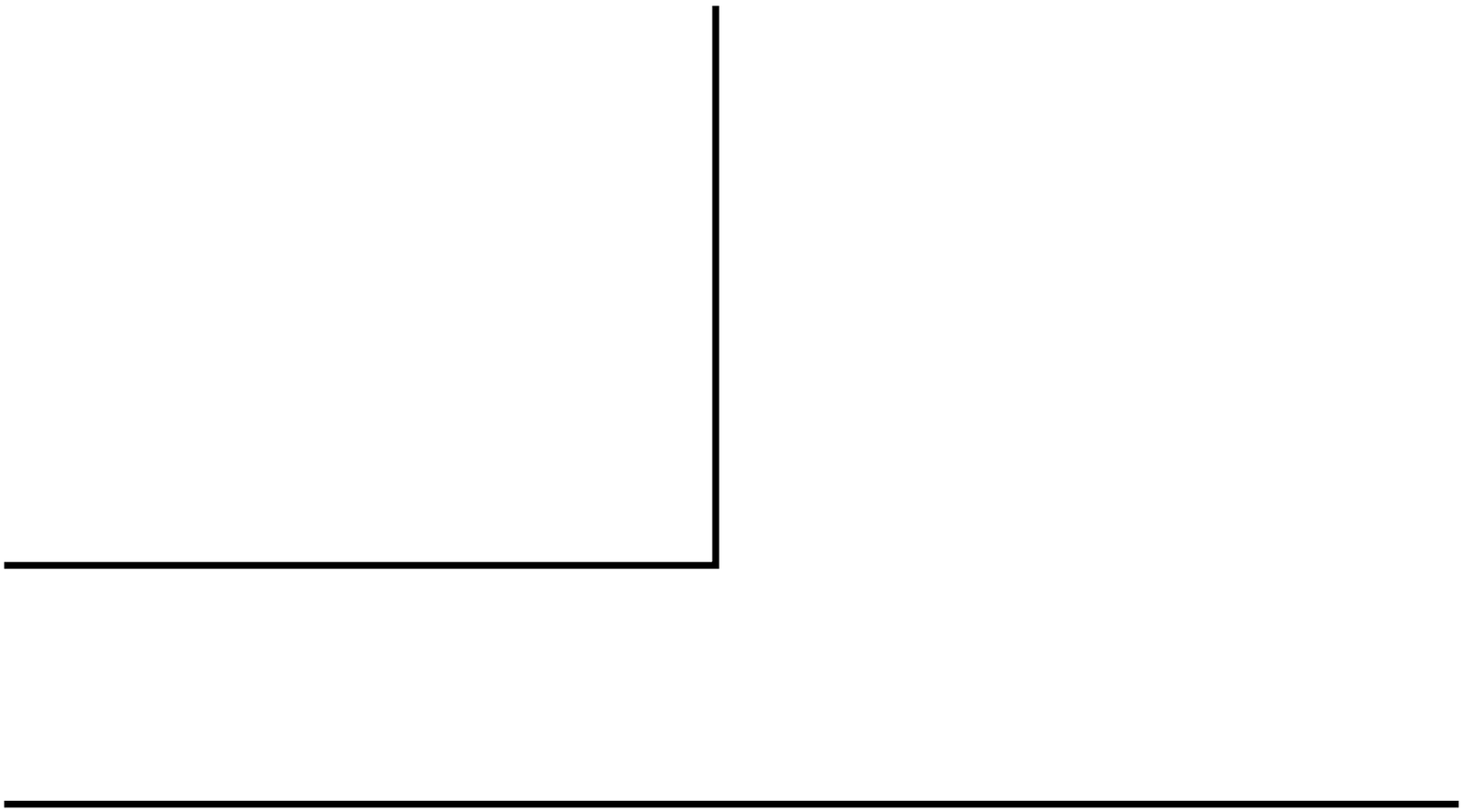

	Steering Committee, Project Sponsor

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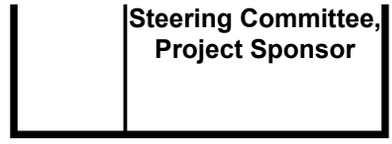
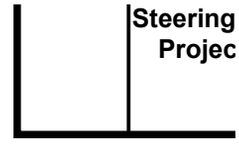
	Steering Committee, Project Sponsor

Steering Committee,
Project Sponsor


Steering Committee,
Project Sponsor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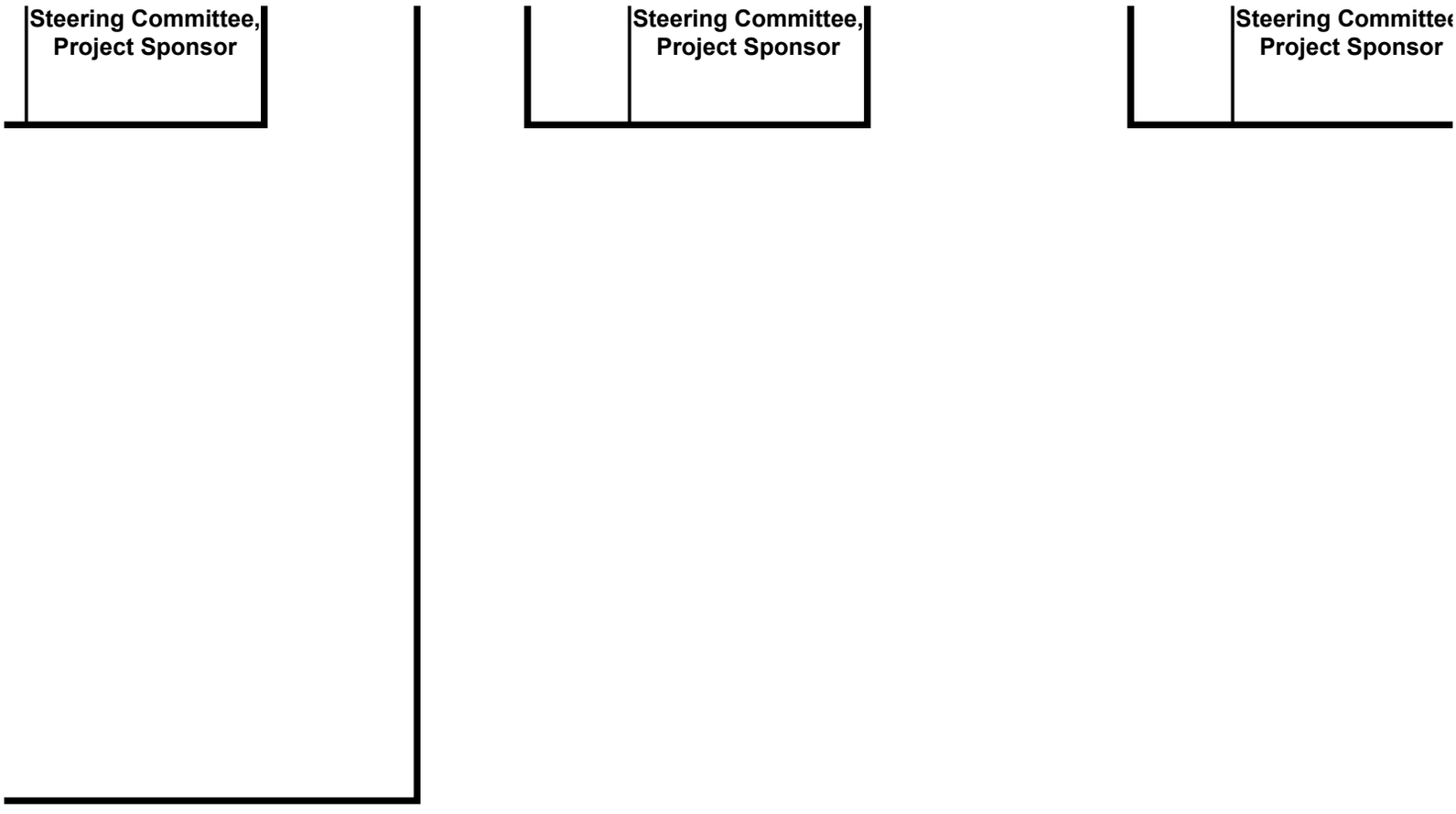
Committee, t Sponsor	Steering Committee, Project Sponsor	Steering Committee, Project Sponsor	


Steering Committee,
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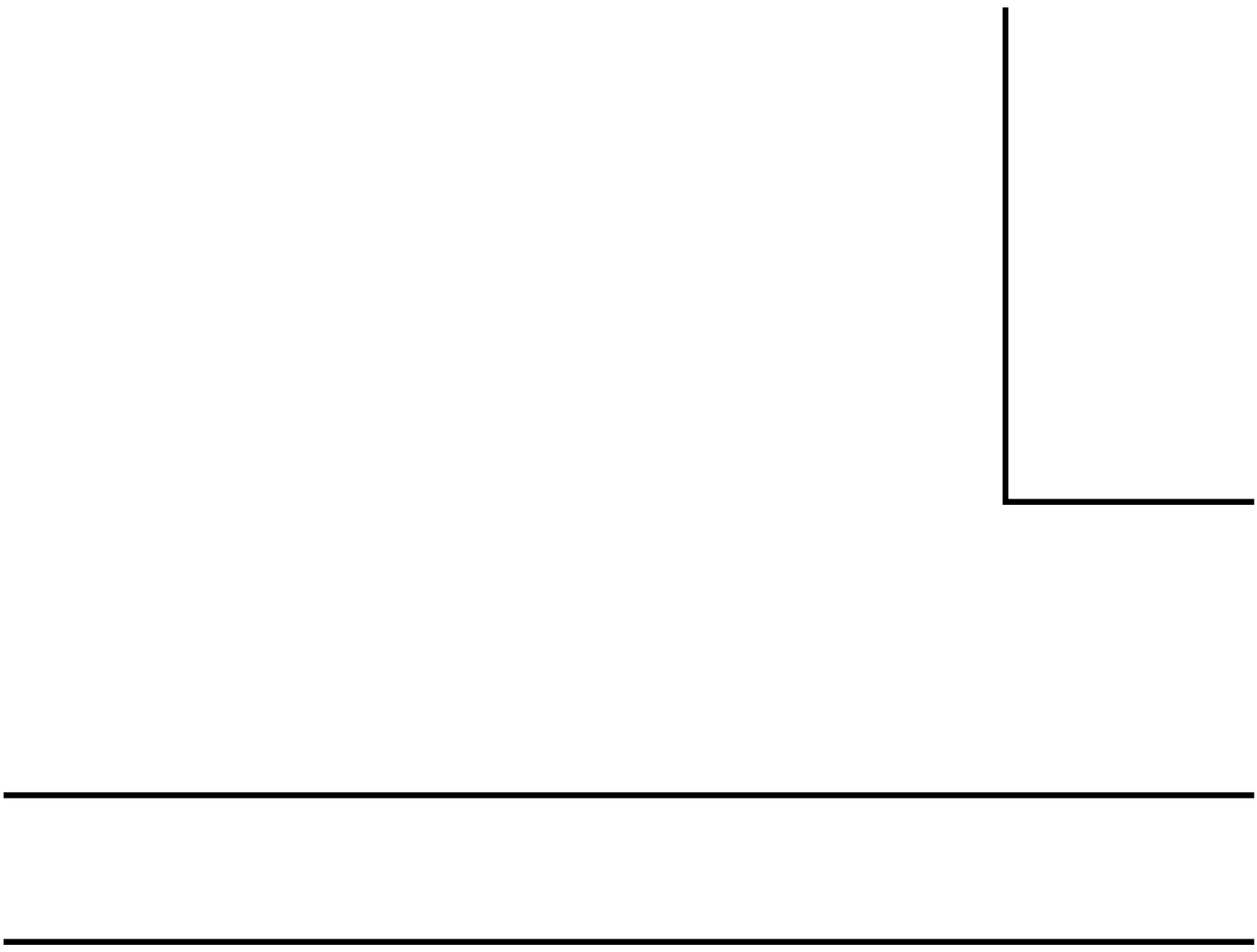

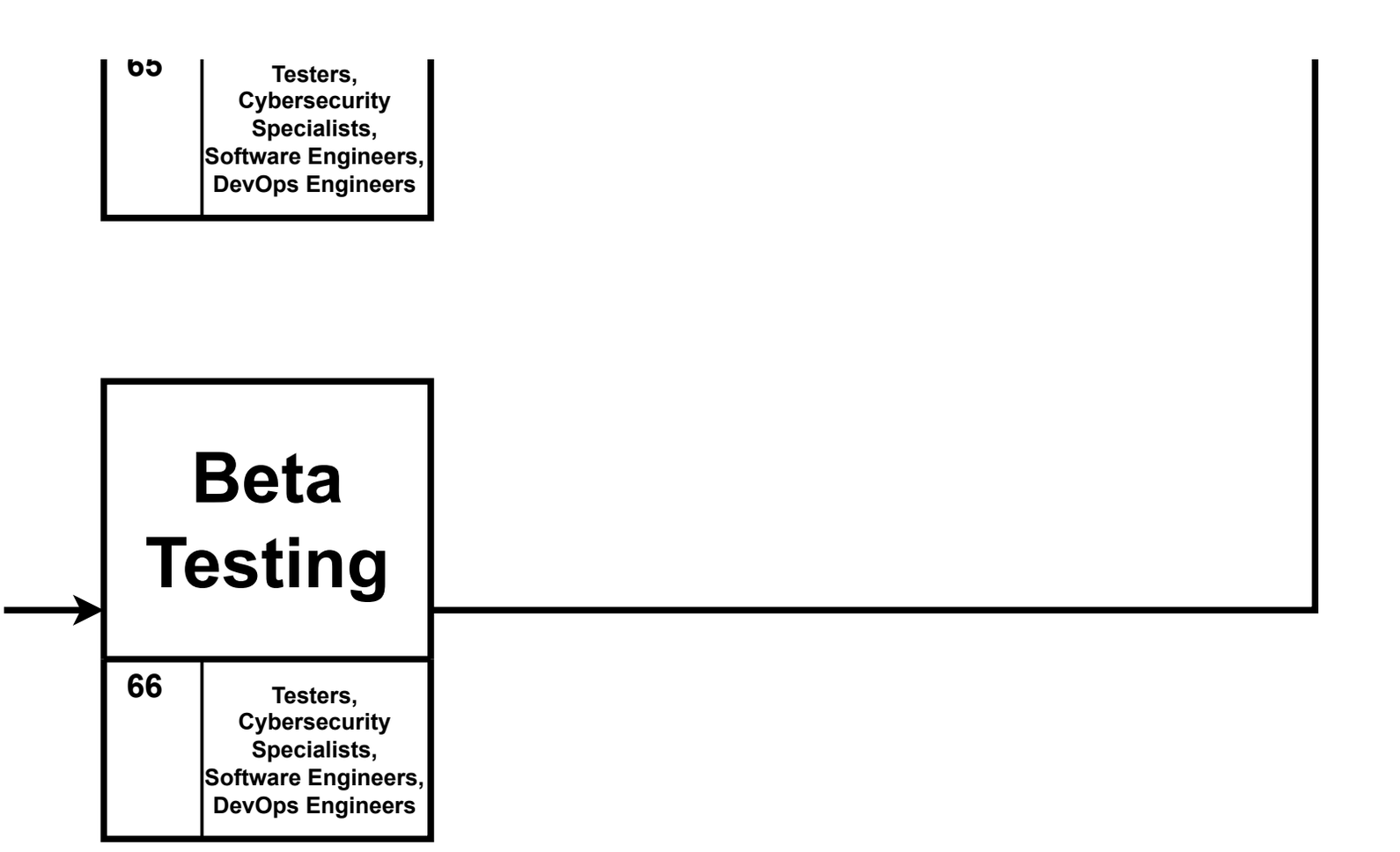
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Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers
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Testers, Cybersecurity Specialists, Software Engineers, DevOps Engineers