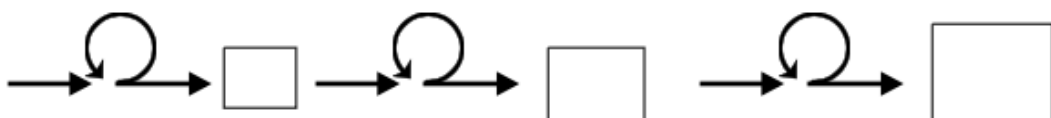
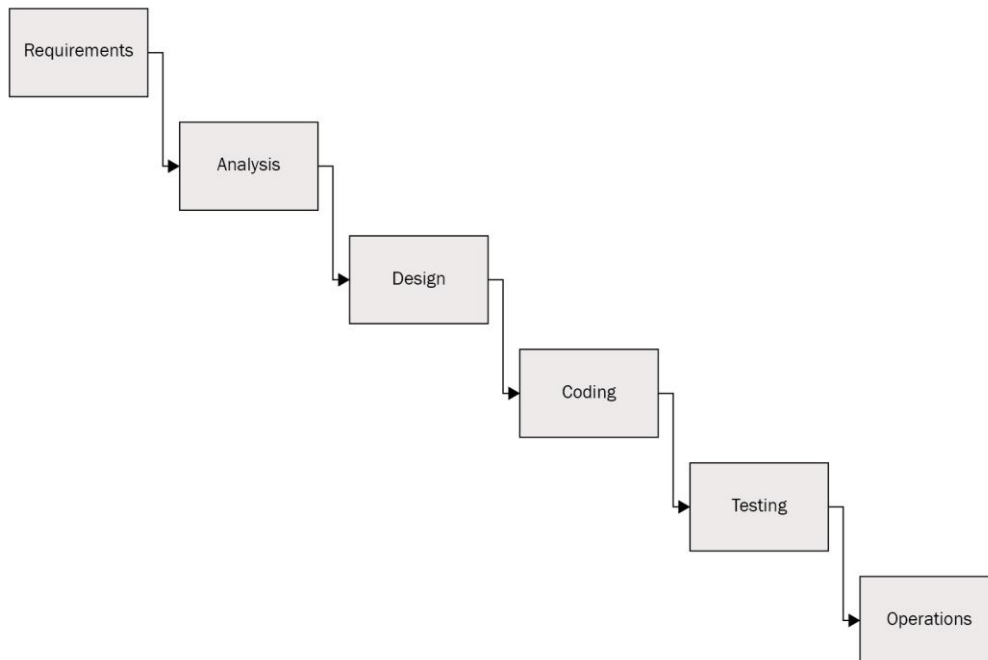
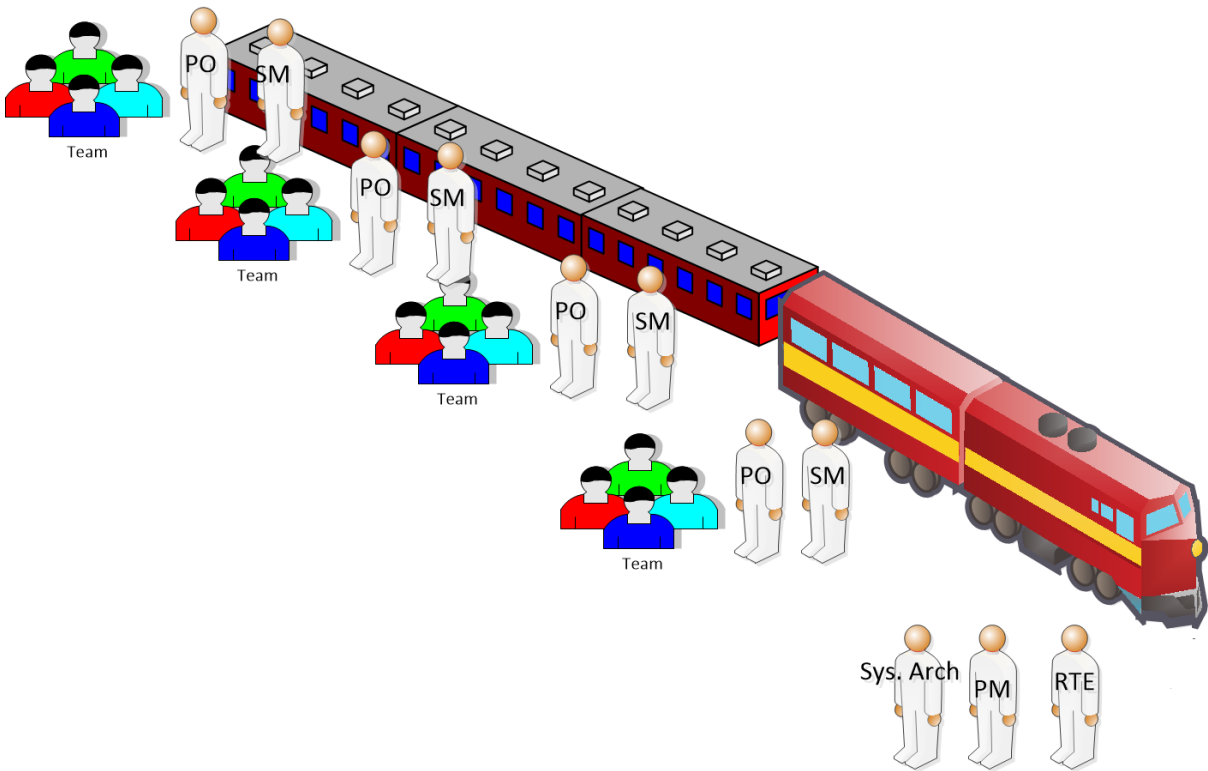
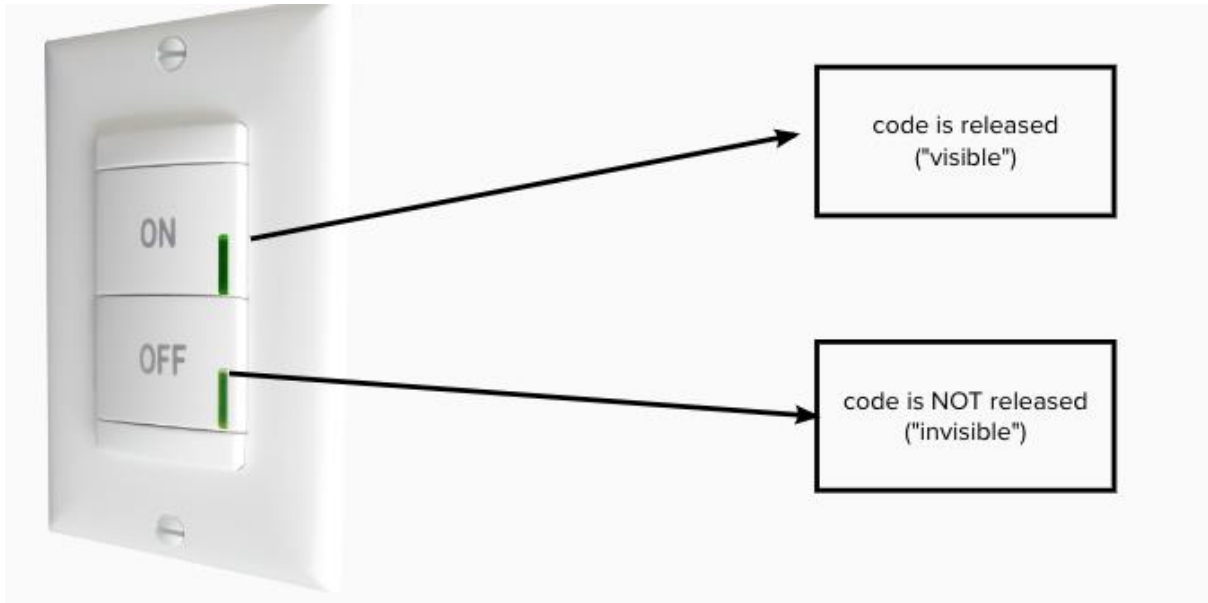
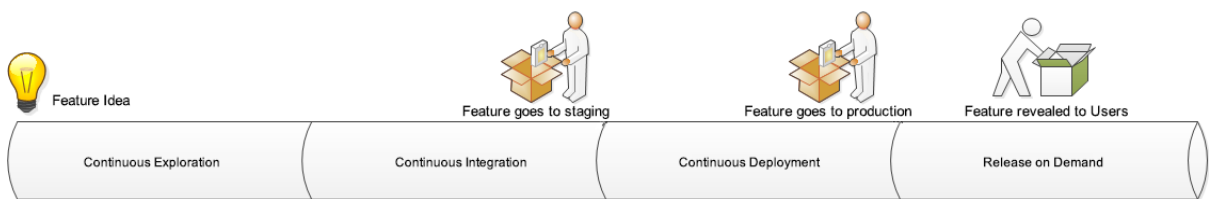
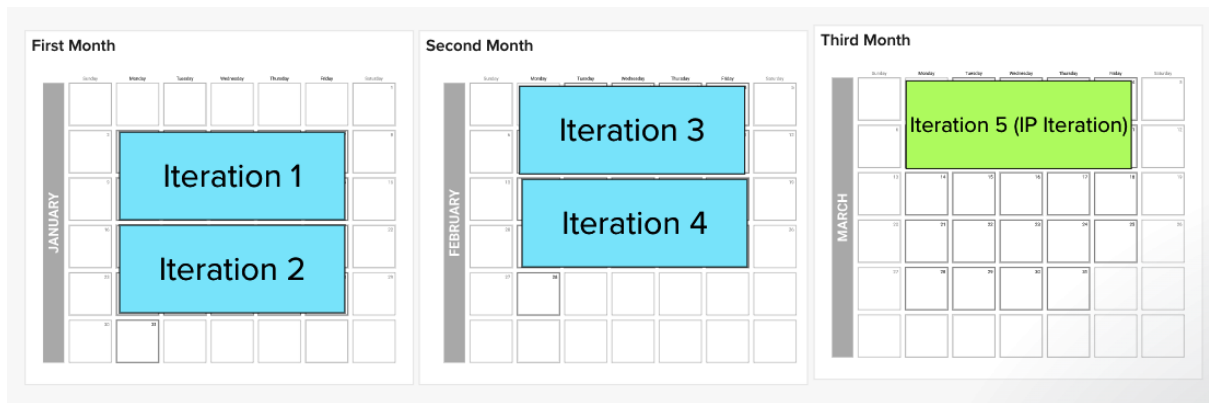


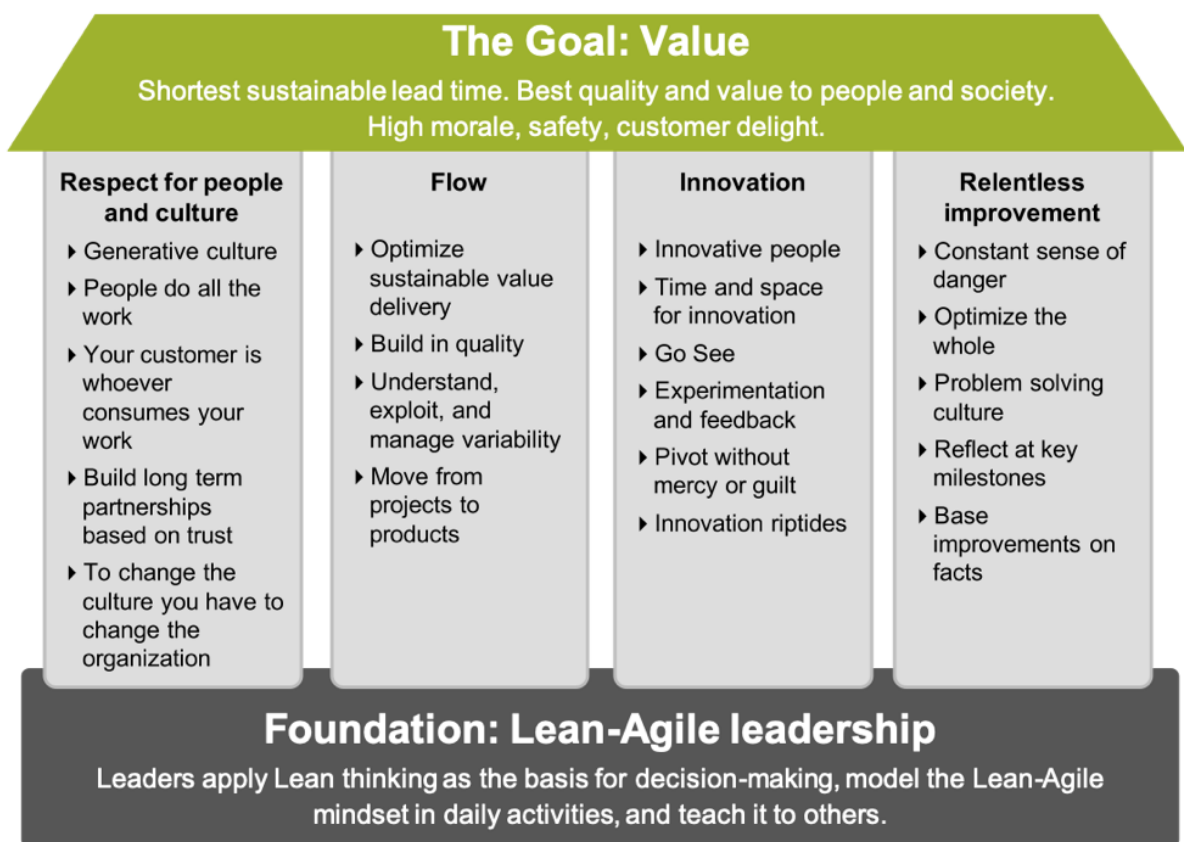
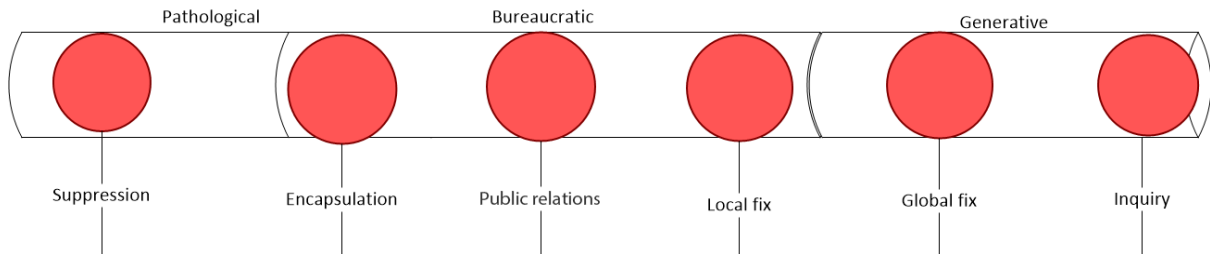
Chapter 1: Introducing SAFe® and DevOps

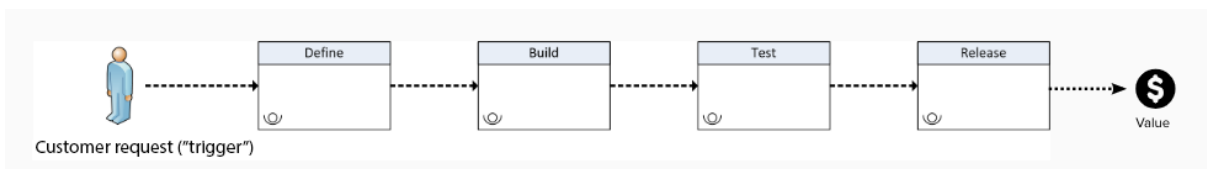
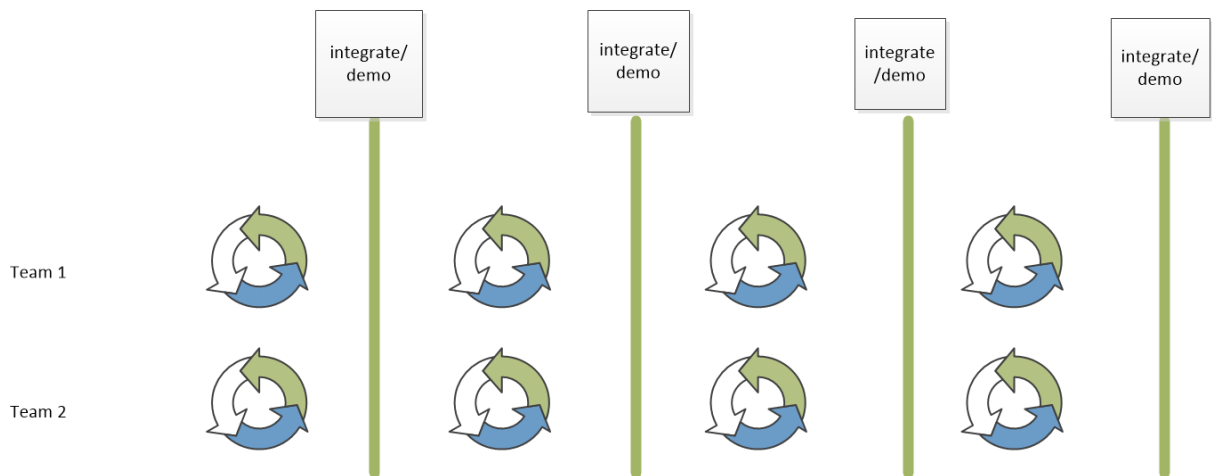
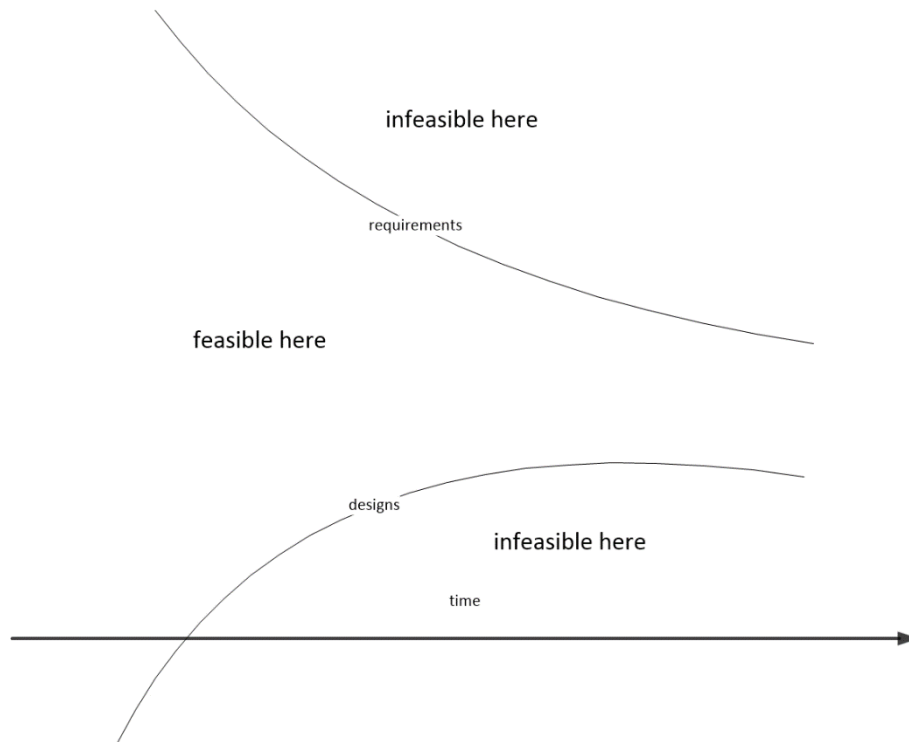


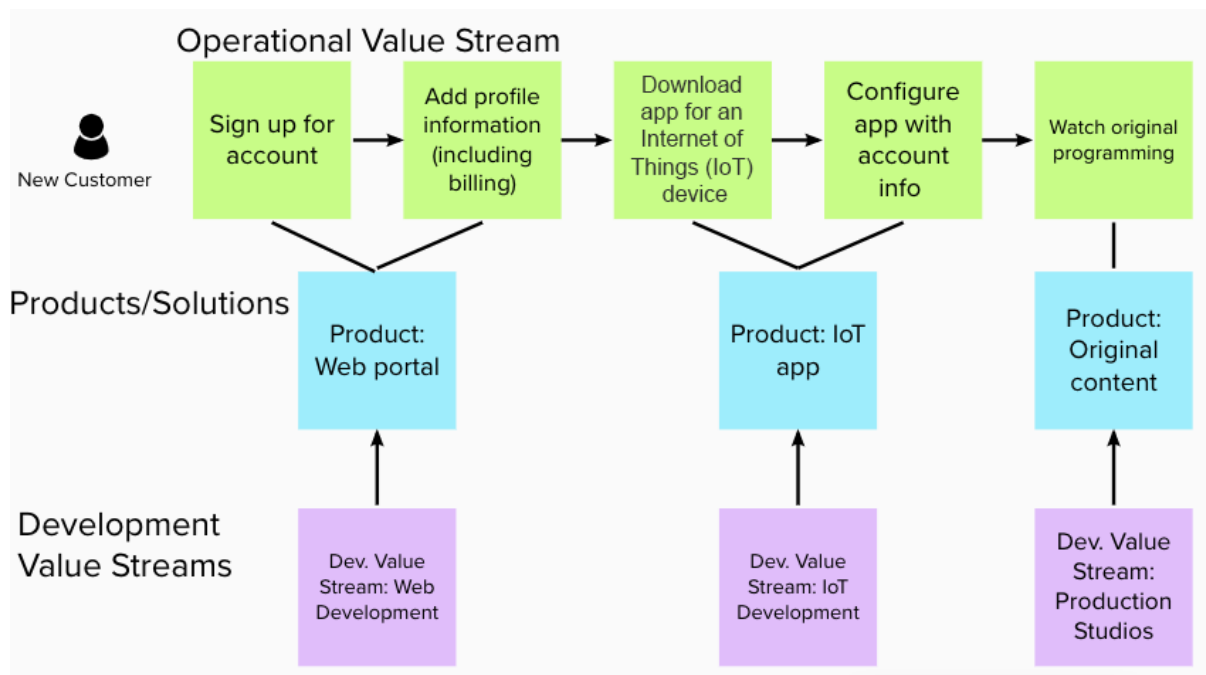




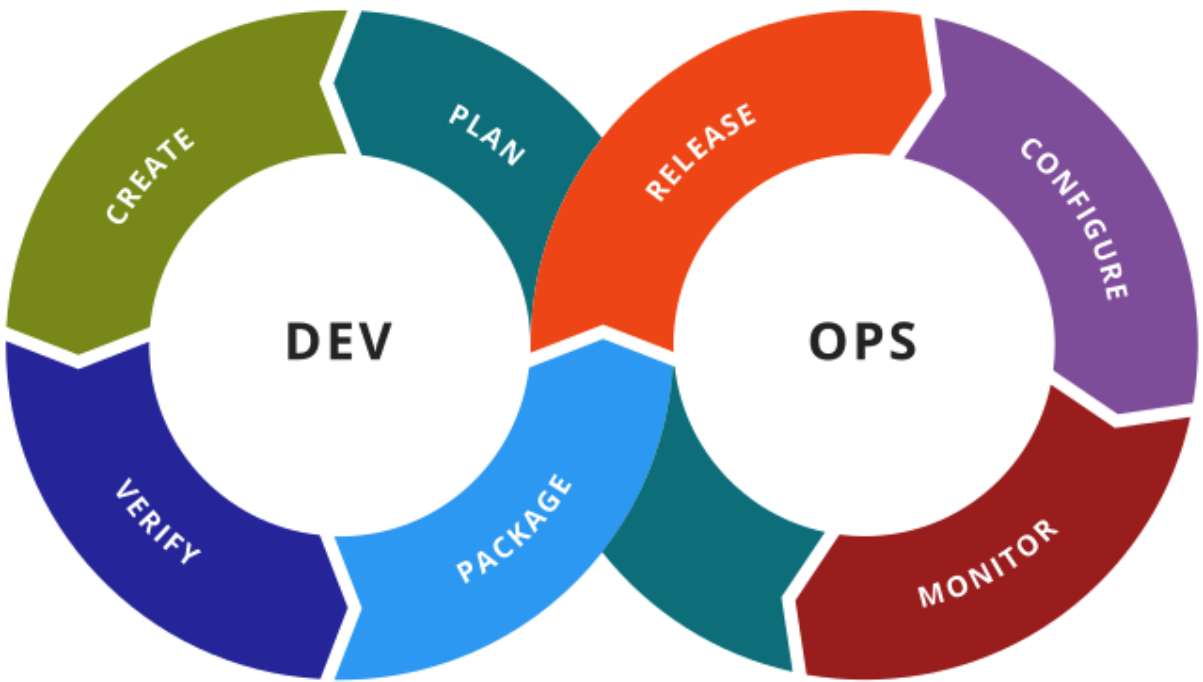
Chapter 2: Culture of Shared Responsibility







Chapter 3: Automation for Efficiency and Quality

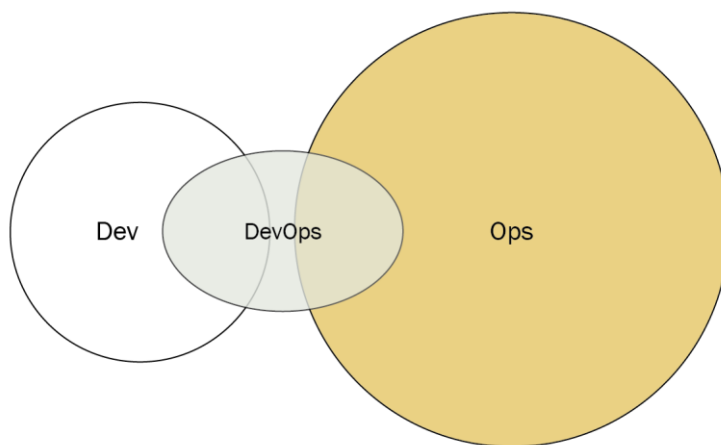
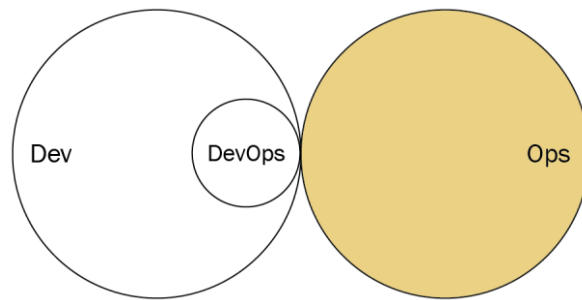
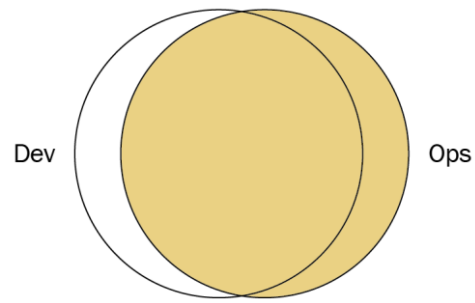
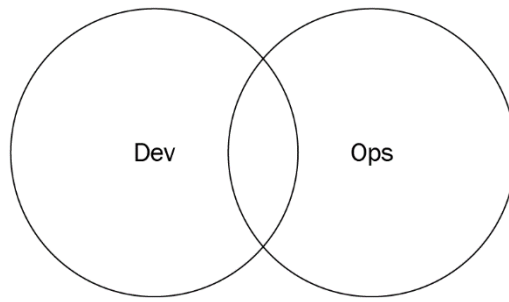


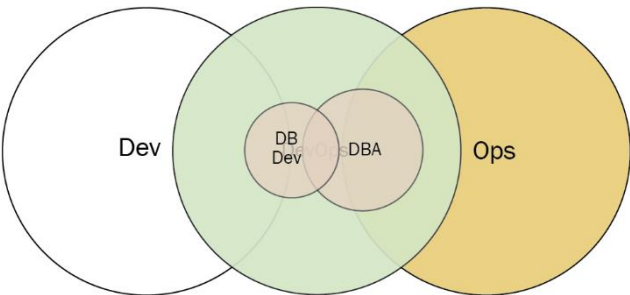
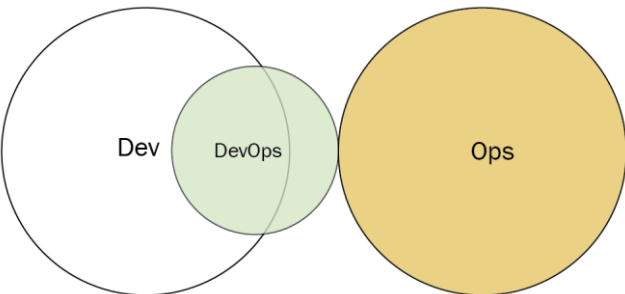
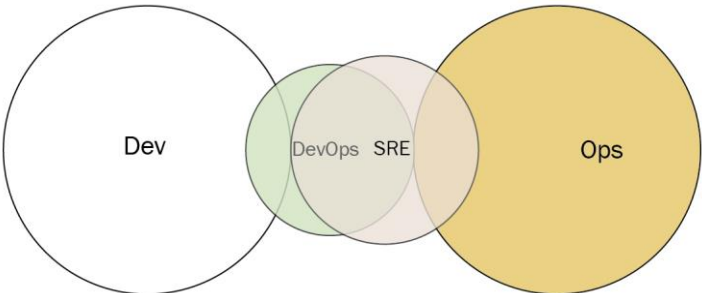
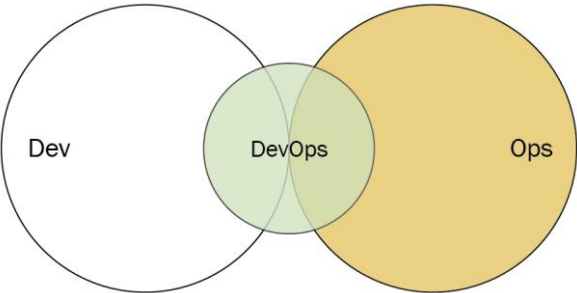
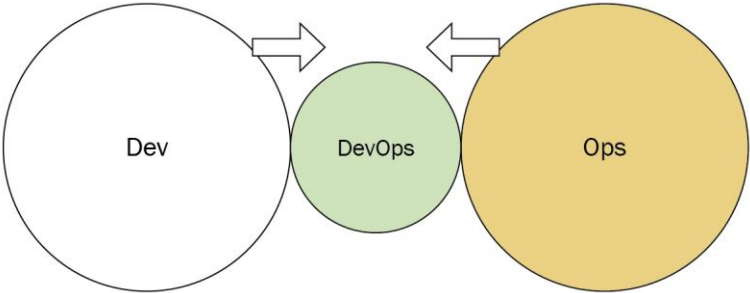
Plan	Create	Build	Verify	Package	Configure	Release	Verify	Monitor
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Plan	Create	Build	Verify	Package	Configure	Release	Verify	Monitor

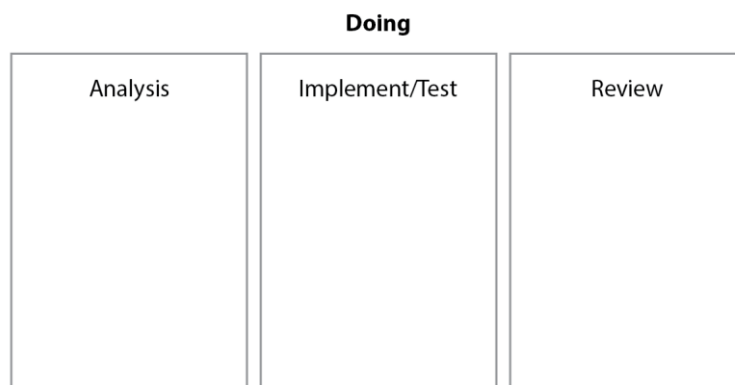
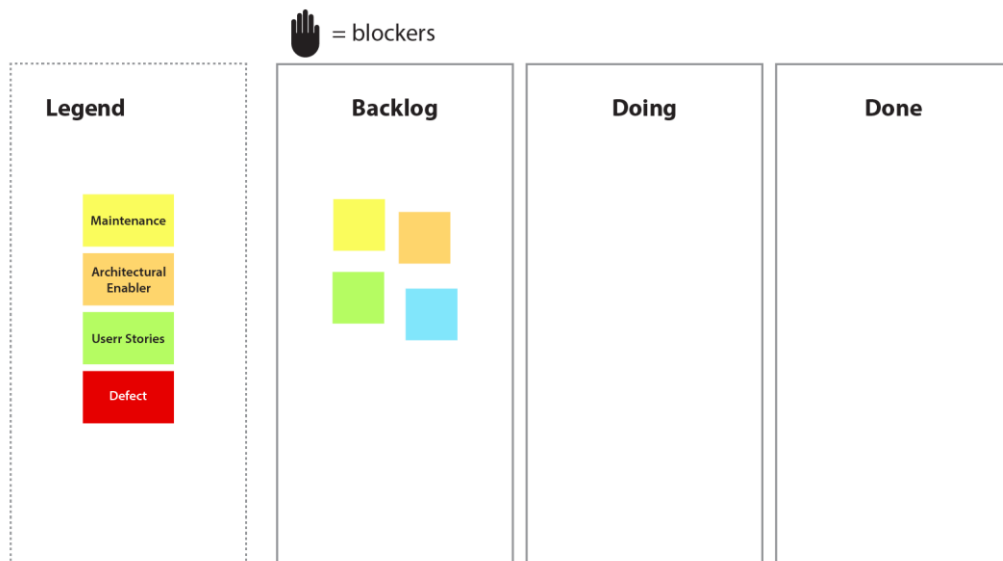
Plan	Create	Build	Verify	Package	Configure	Release	Verify	Monitor


Plan	Create	Build	Verify	Package	Configure	Release	Verify	Monitor

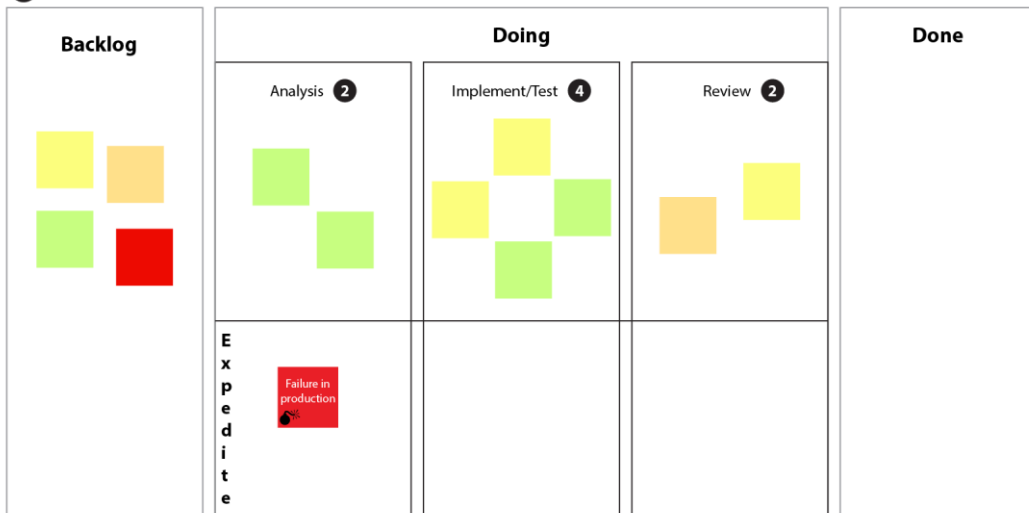





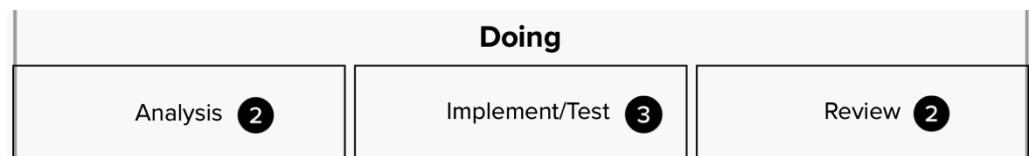
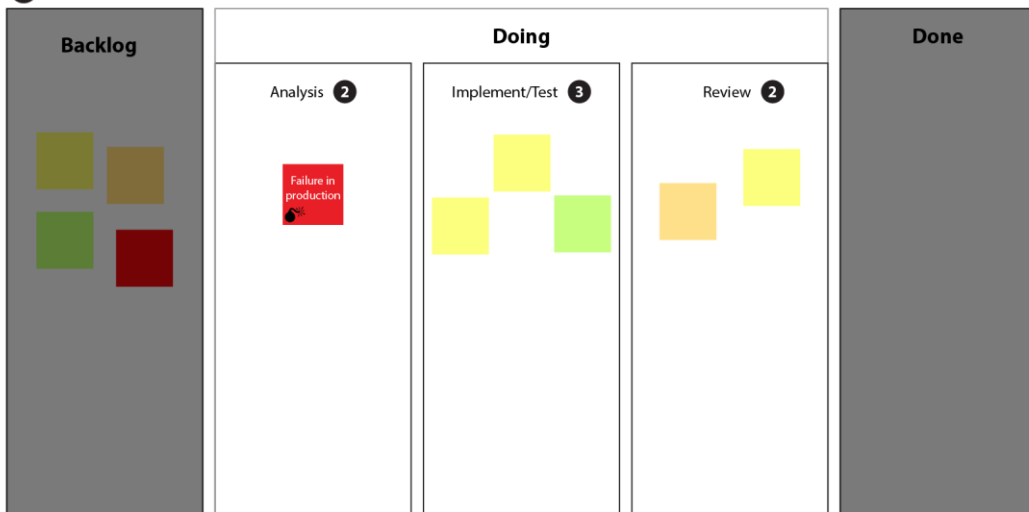
Chapter 4: Leveraging Lean Flow to Keep the Work Moving

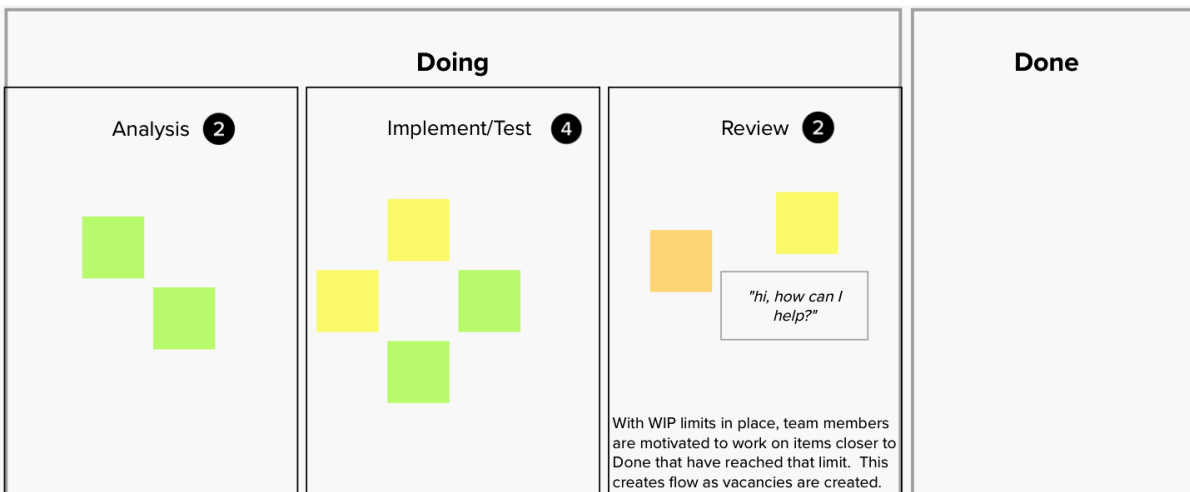
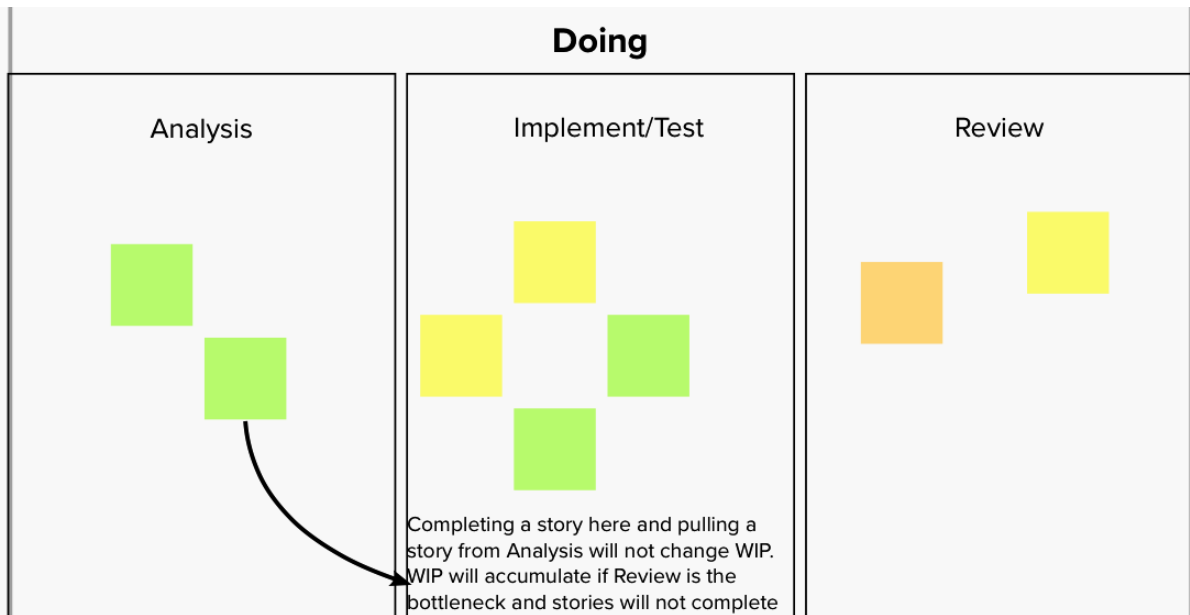


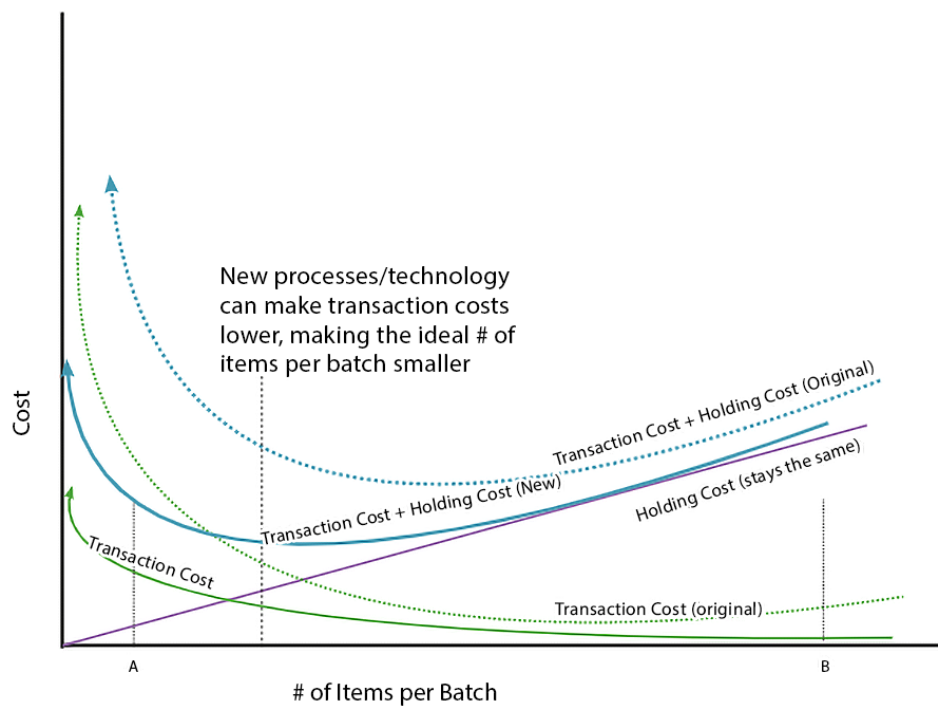
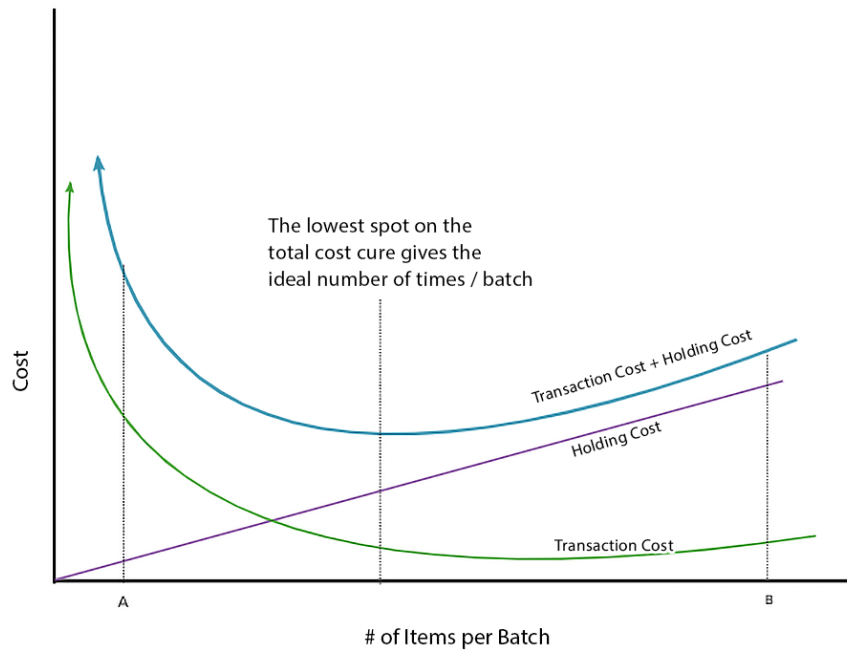
 = blockers

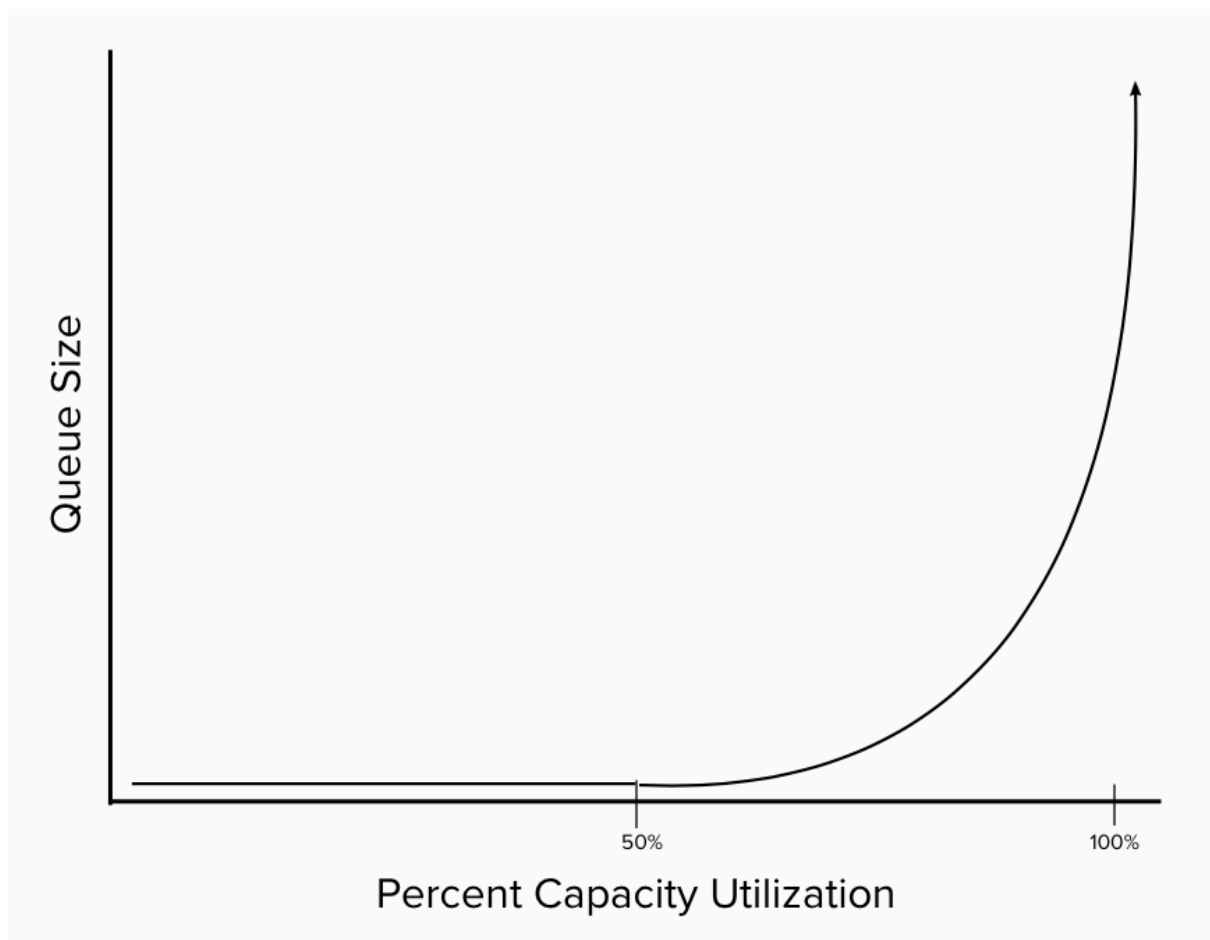
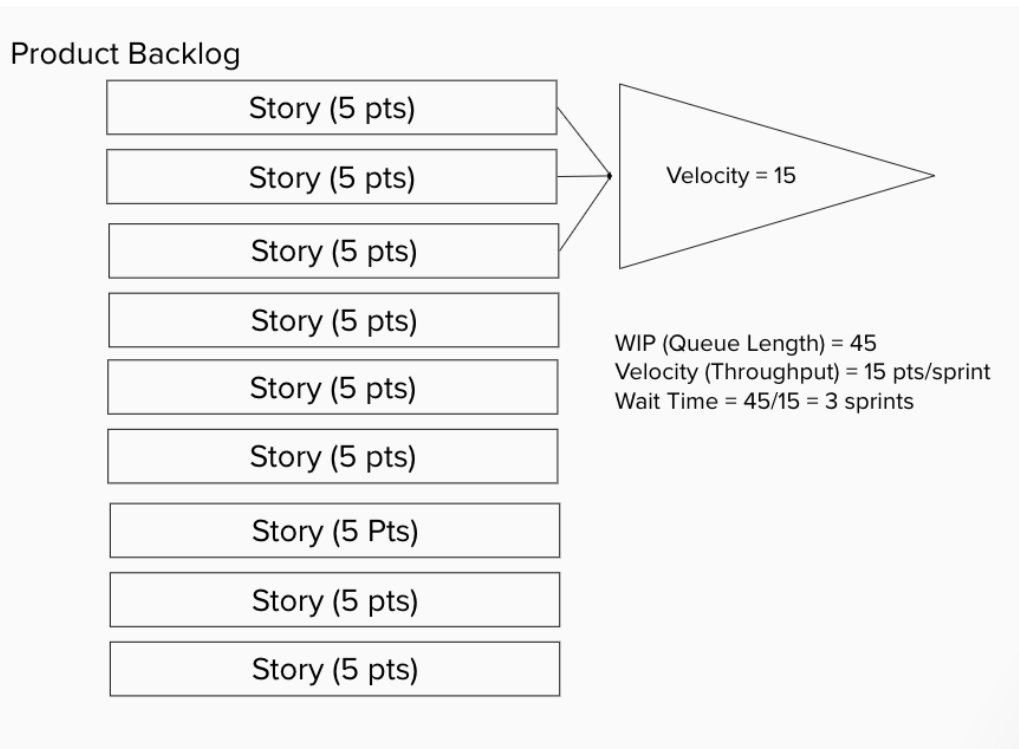


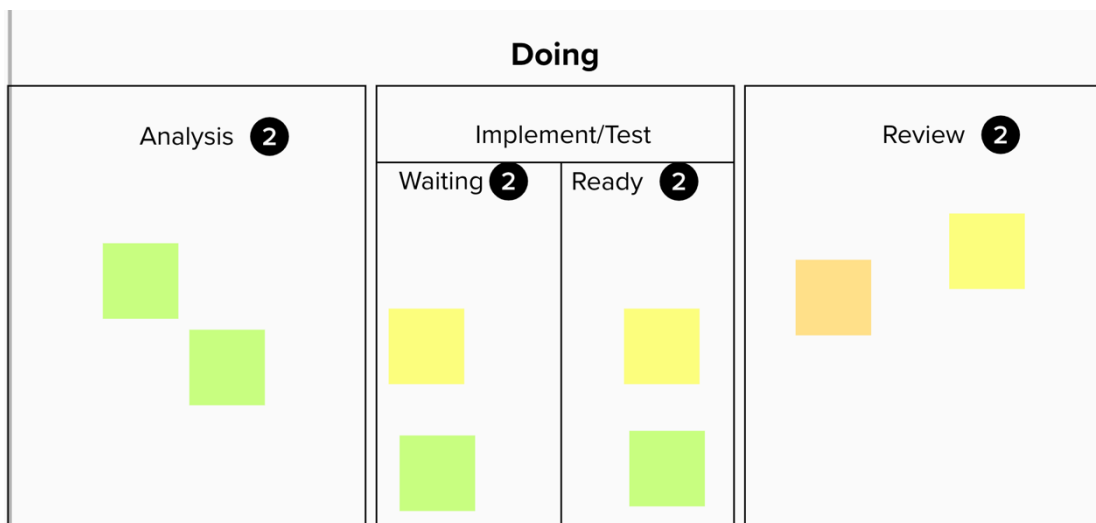
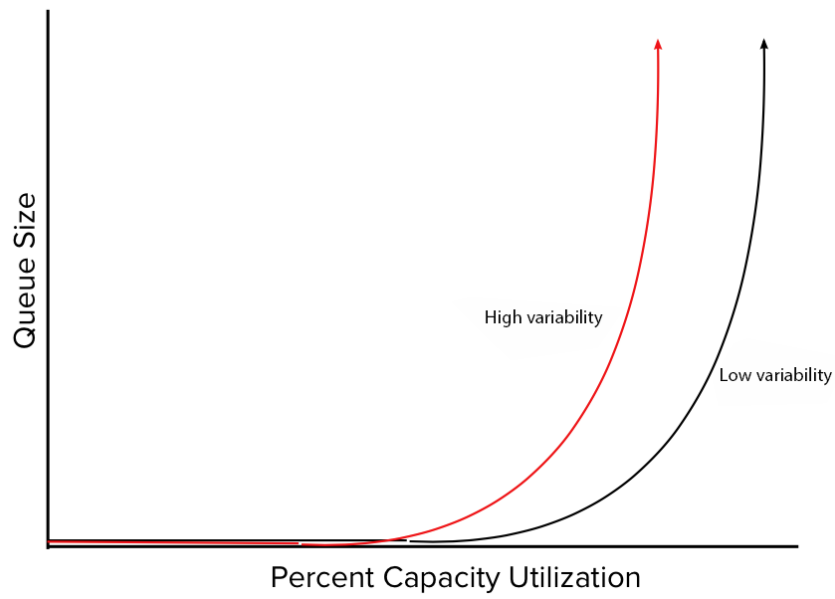
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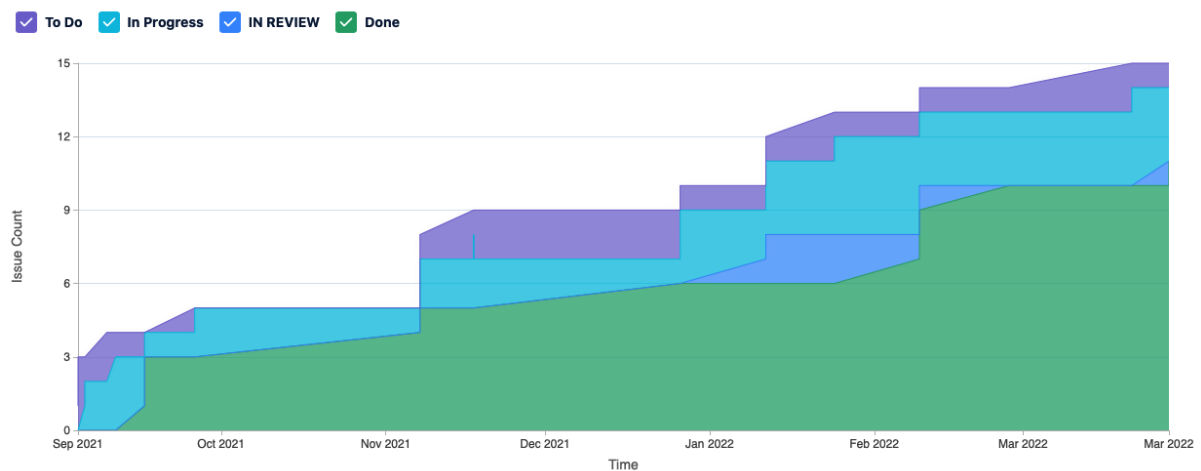
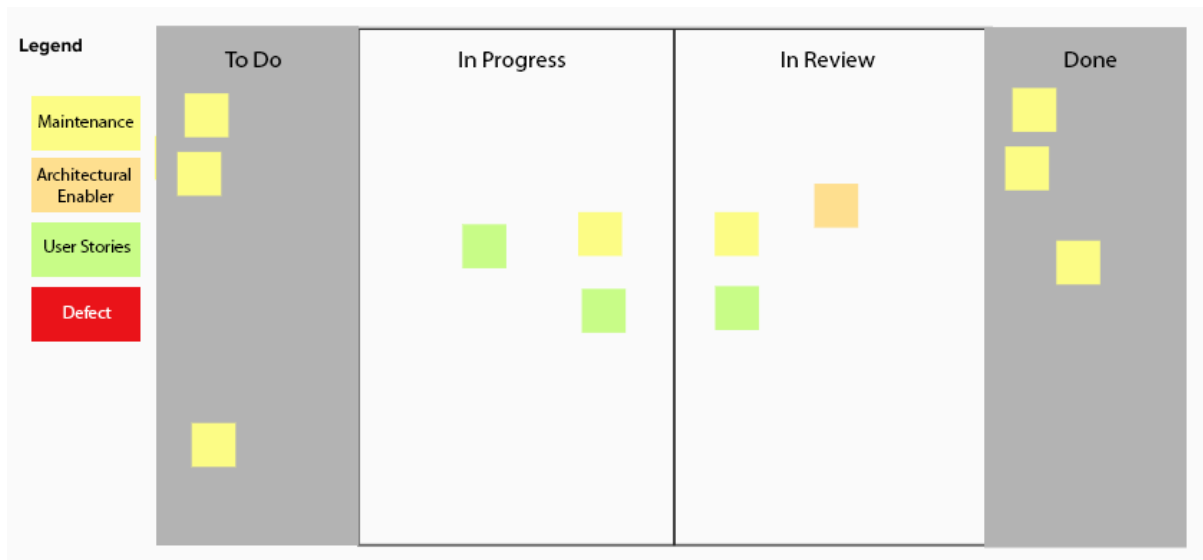
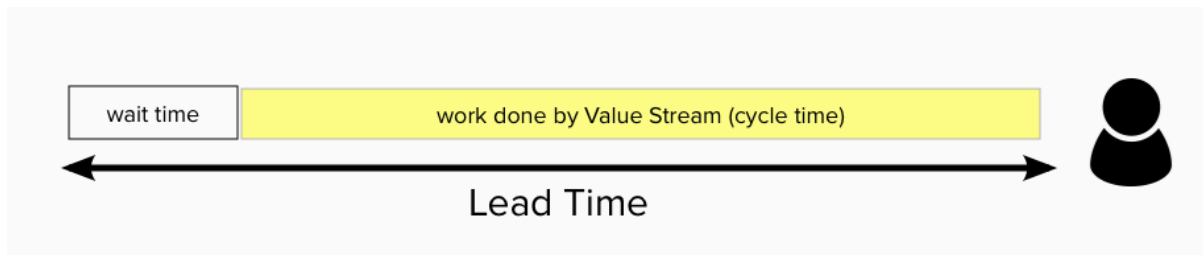




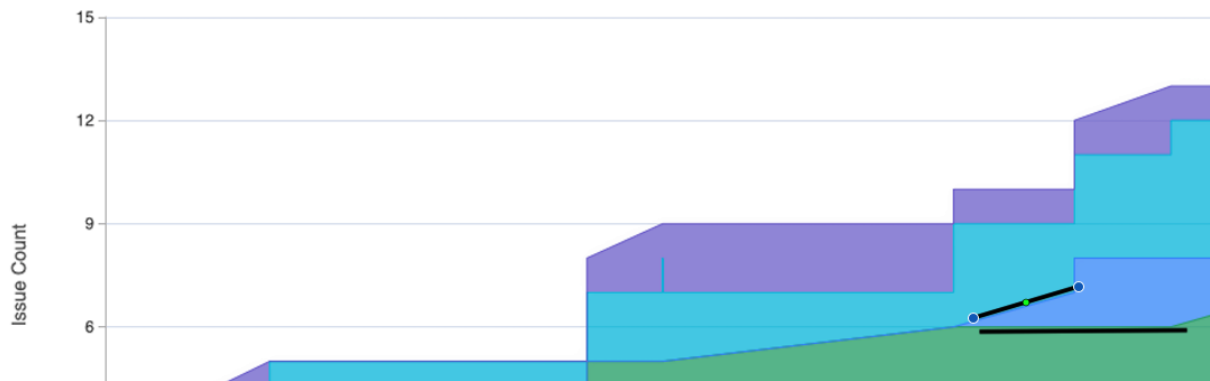




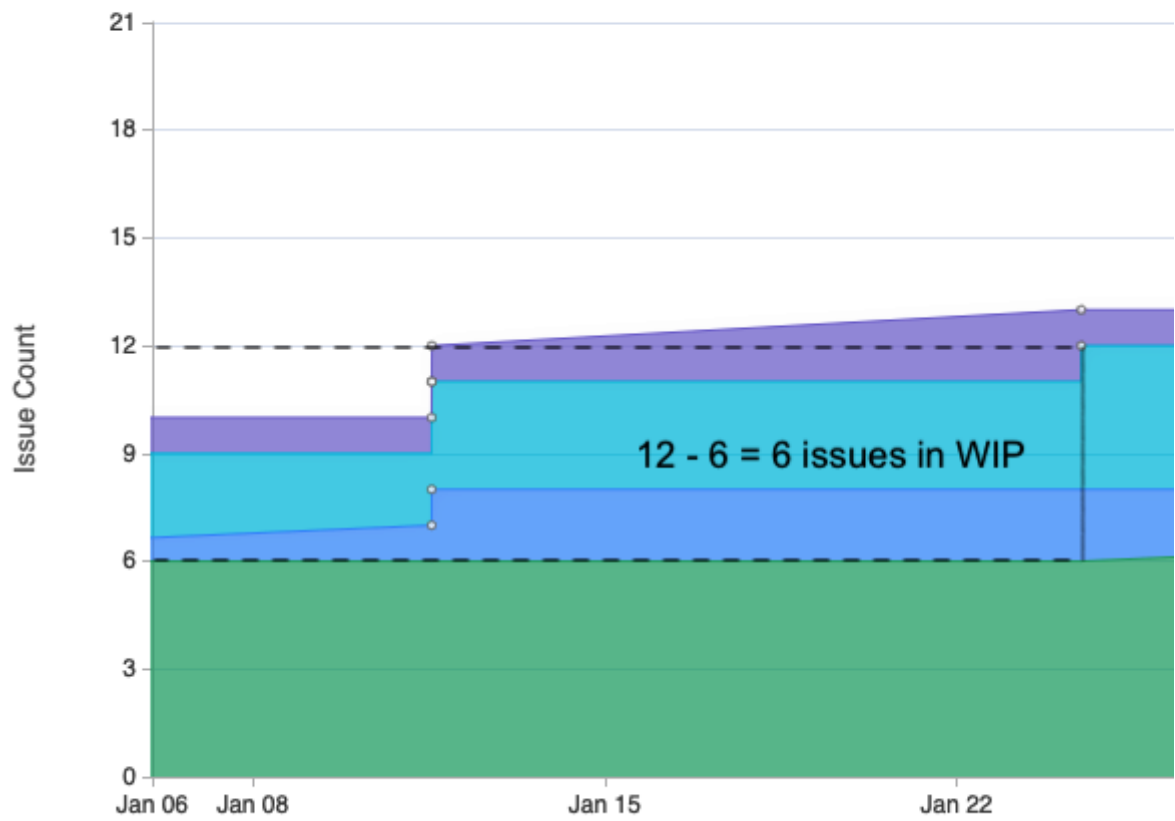
Chapter 5: Measuring the Process and Solution



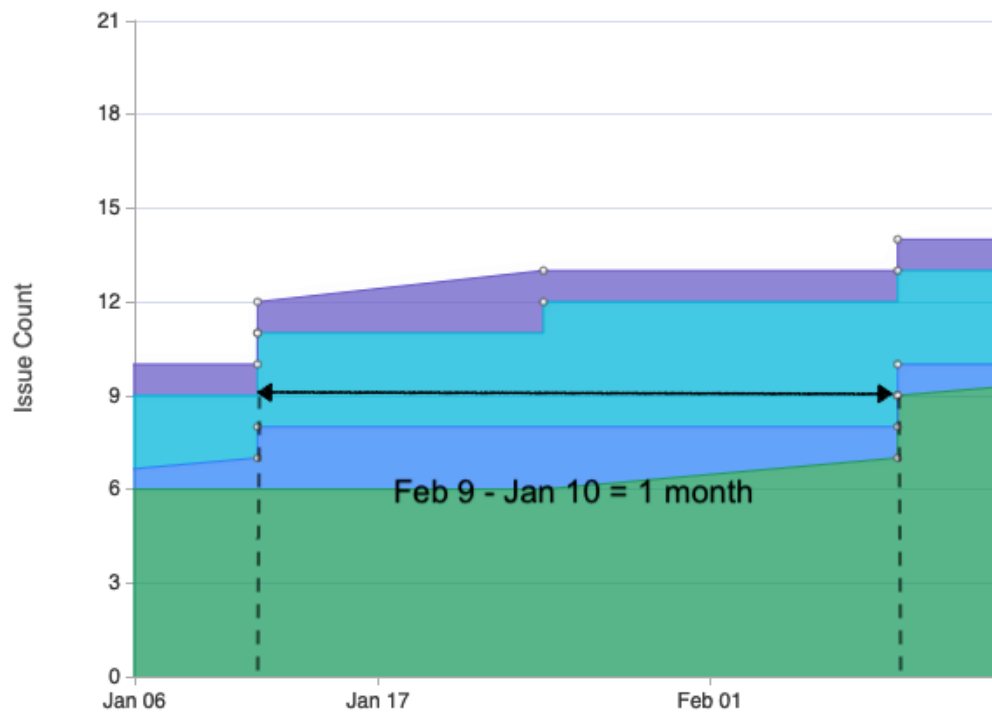
☒ To Do
 ☒ In Progress
 ☒ IN REVIEW
 ☒ Done



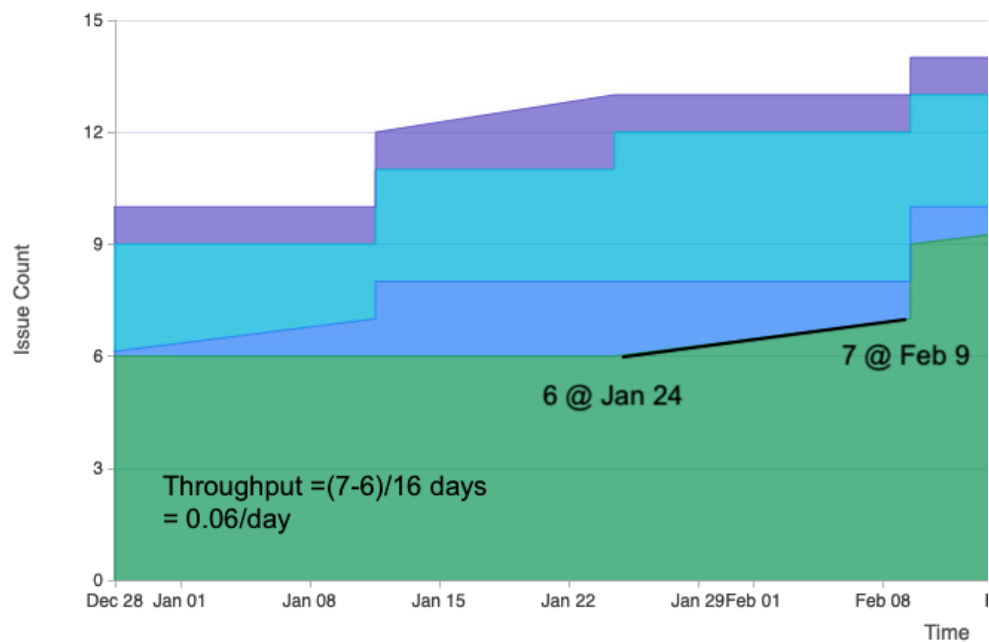
☒ To Do
 ☒ In Progress
 ☒ IN REVIEW
 ☒ Done



☒ To Do
 ☒ In Progress
 ☒ IN REVIEW
 ☒ Done



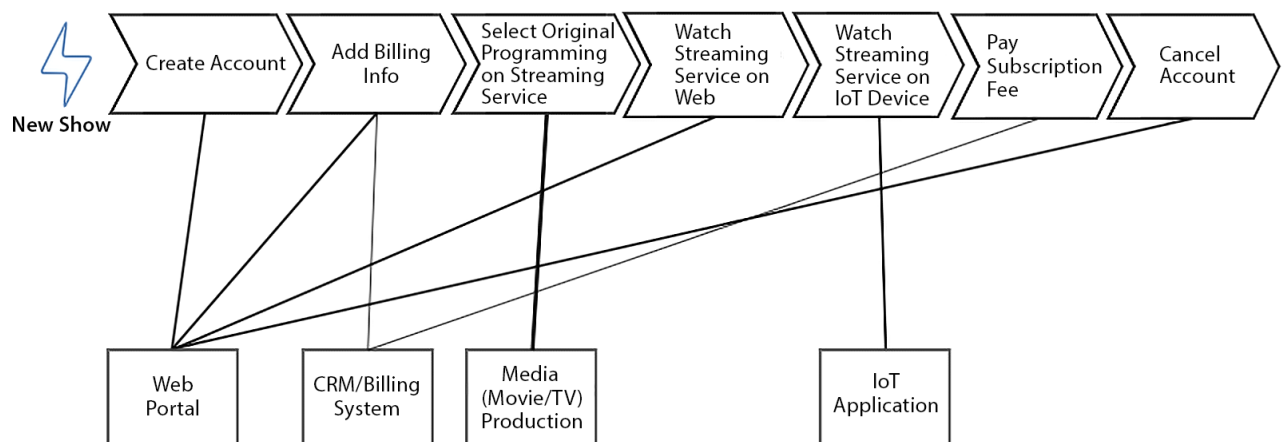
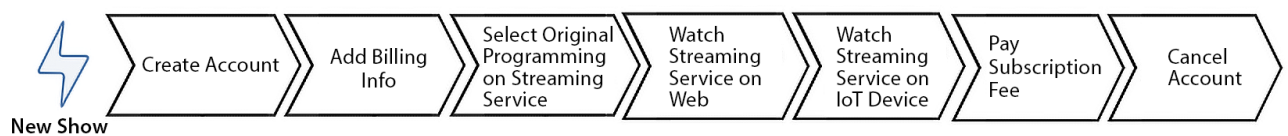
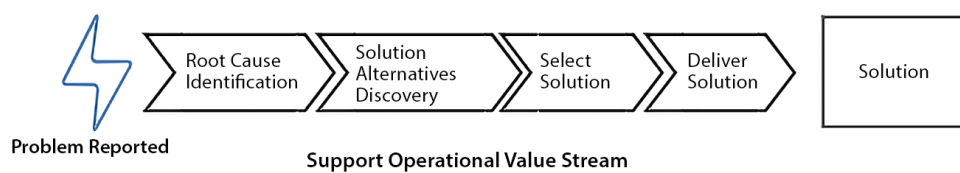
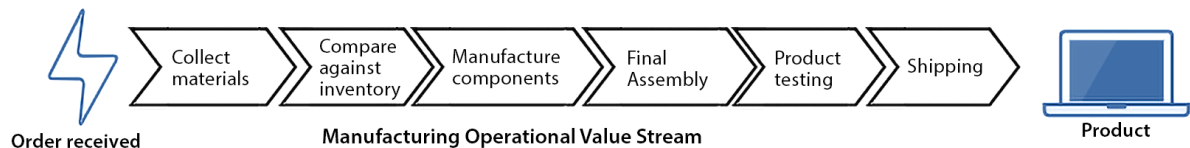
☒ To Do
 ☒ In Progress
 ☒ IN REVIEW
 ☒ Done

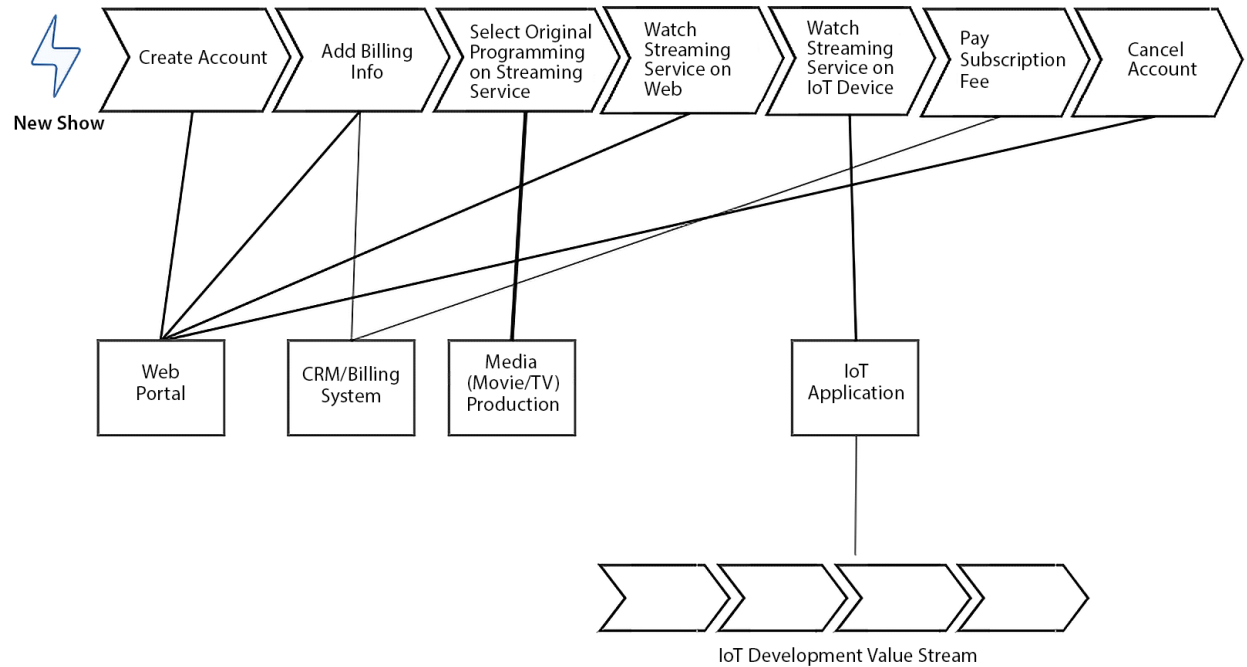
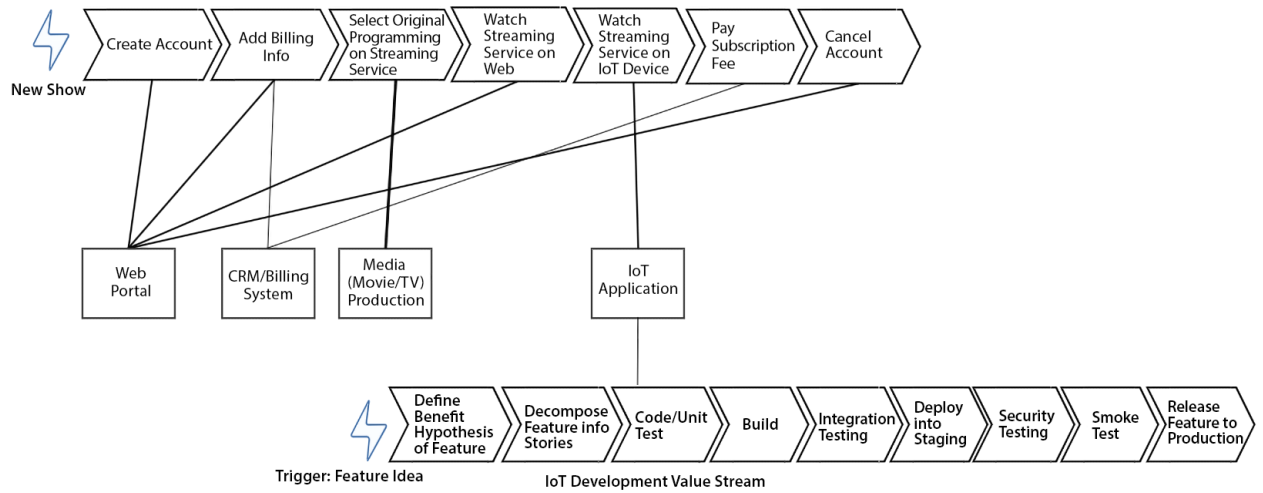


Chapter 6: Recovering from Production Failures

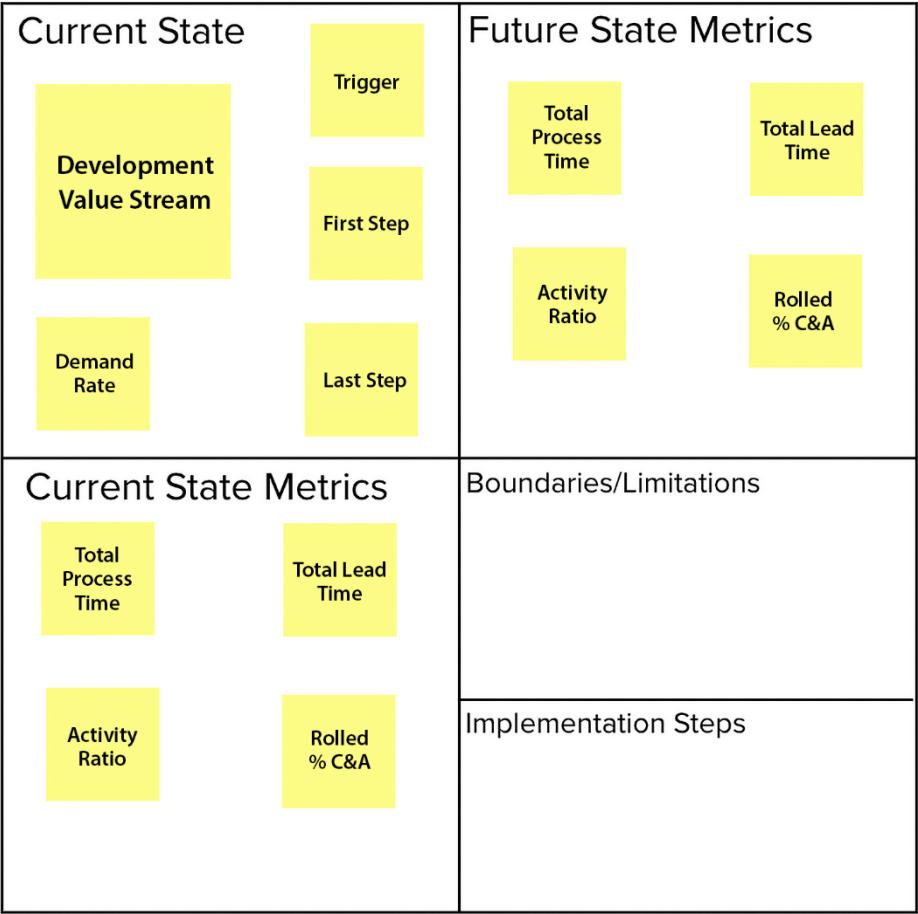


Chapter 7: Mapping Your Value Streams



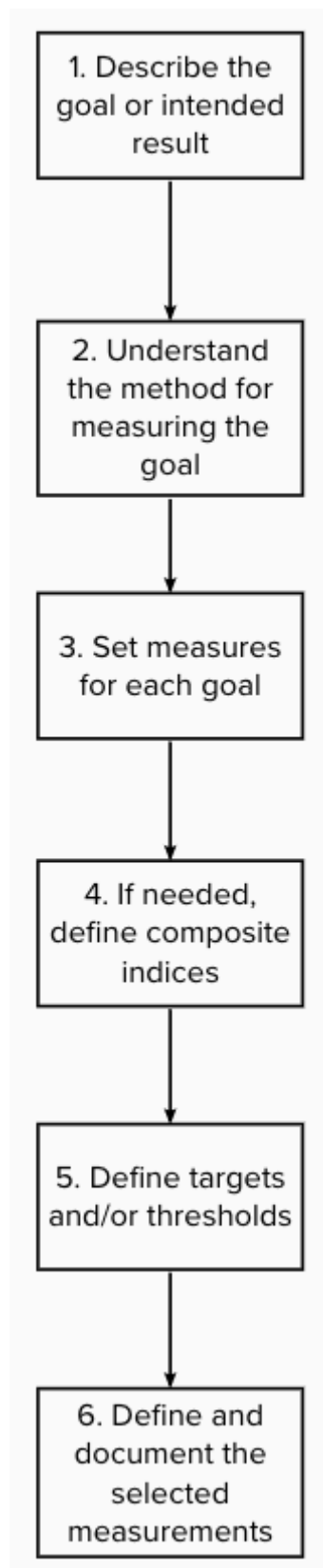


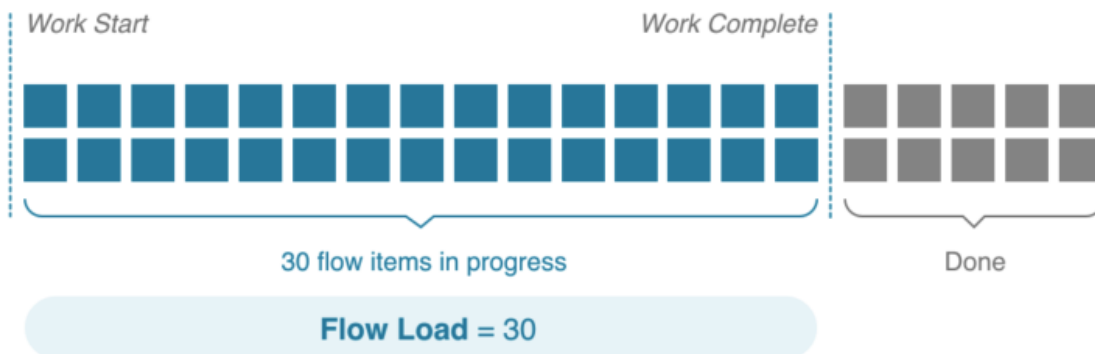
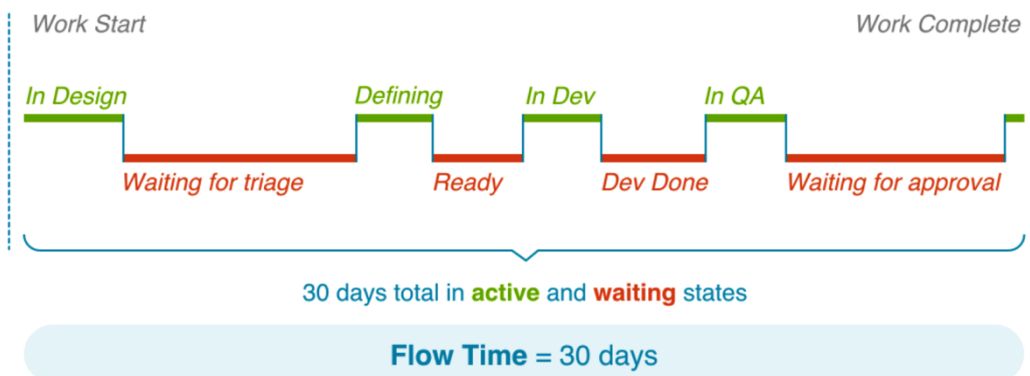
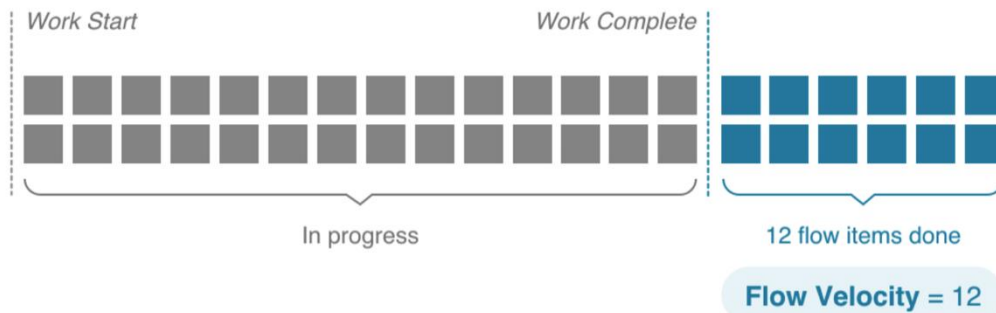
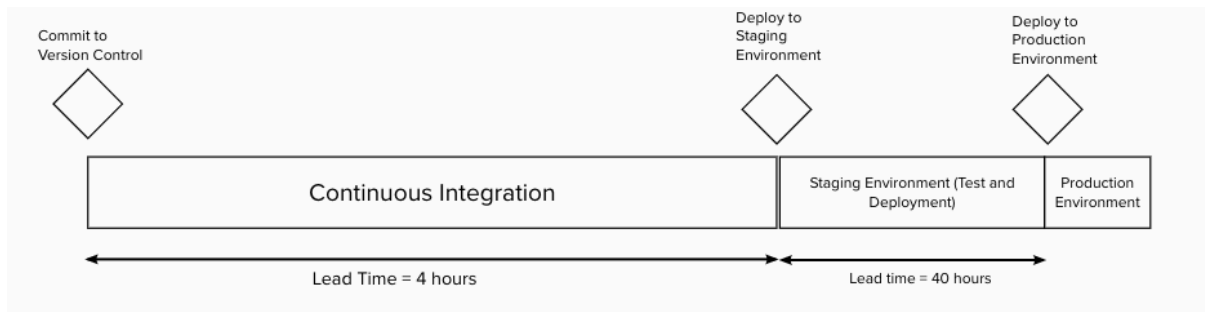
DevOps Transformation Canvas

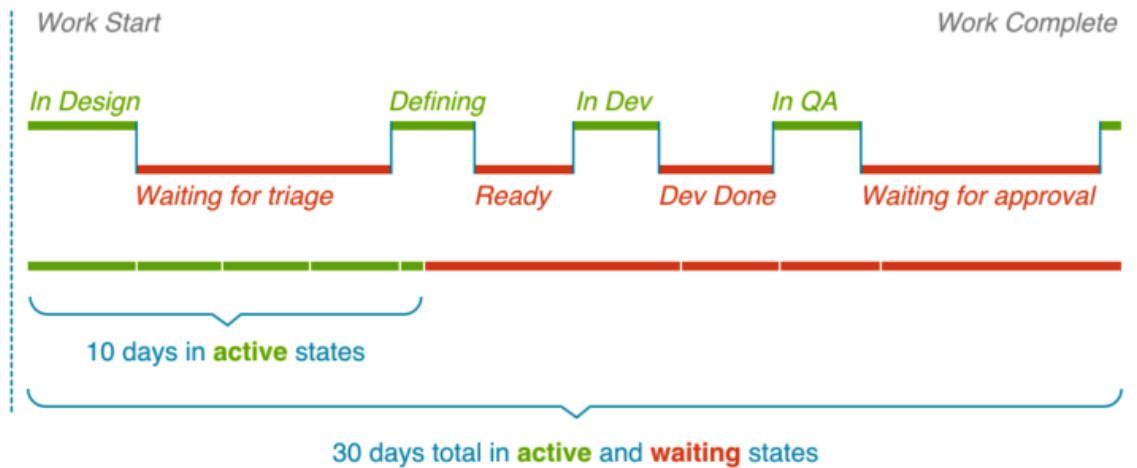


<div>Build</div> <div>Process Time: 2 hrs Lead Time: 3 hrs %C&A: 100%</div>	<div>Test</div> <div>Process Time: 0.5 hrs Lead Time: 1 hr %C&A: 90%</div>	<div>Deploy to Staging</div> <div>Process Time: 0.5 hrs Lead Time: 2 hrs %C&A: 100%</div>	<div>Testing in Staging</div> <div>Process Time: 1 hr Lead Time: 1 hr %C&A: 100%</div>	<div>Deploy to Production</div> <div>Process Time: 1 hr Lead Time: 3 hrs %C&A: 100%</div>
---	--	---	--	---

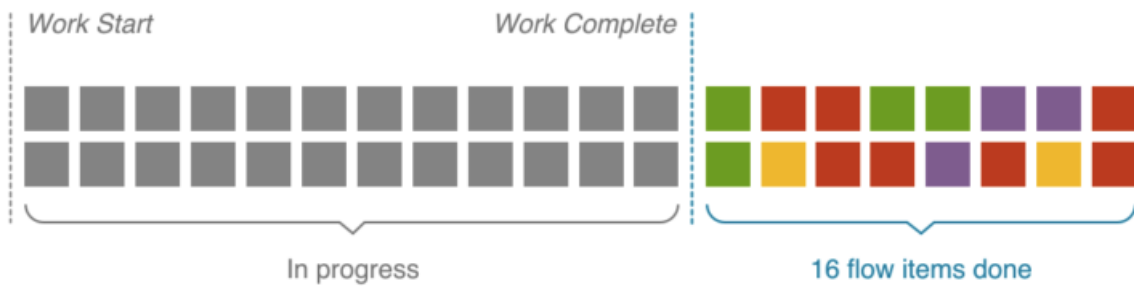
Chapter 8: Measuring Value Stream Performance







Flow Efficiency = $10 \div 30 = 33\%$



Flow Distribution

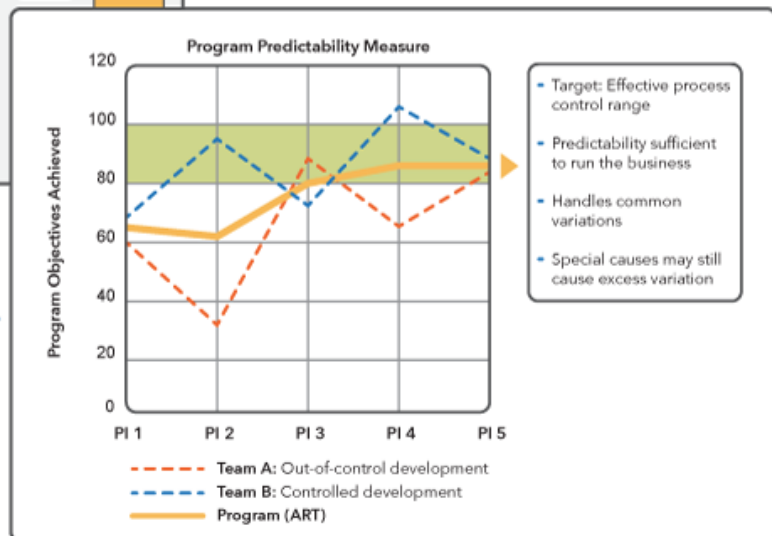
25% **Features** • 43% **Defects**
12% **Risks** • 20% **Debts**

Team PI Performance Reports

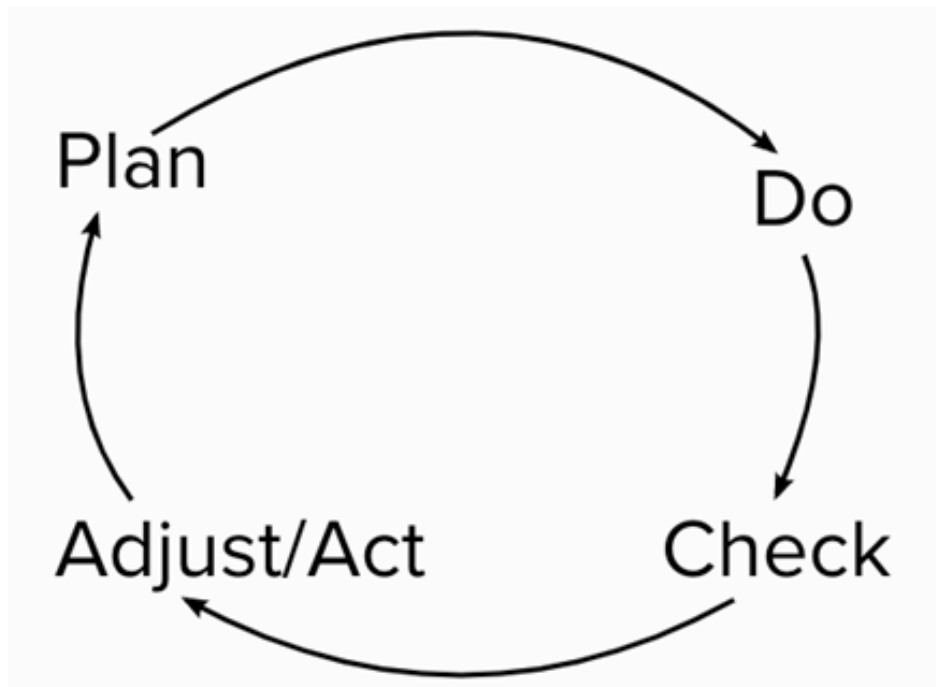
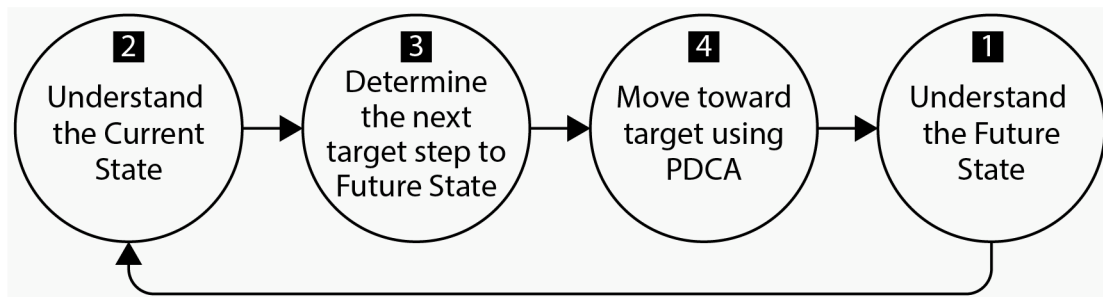
Objectives for PI 3	
• Structured locations and validation of locations	
• Build and demonstrate a proof of concept for context images	
• Implement negative triangulation by: tags, companies and people	
• Speed up indexing by 50%	
• Index 1.2 billion more web pages	
• Extract and build URL abstracts	
Uncommitted Objectives	
• Fuzzy search by full name	
• Improve tag quality to 80% relevance	
Totals	
% Achievement: 90%	

Business Value	
Plan	Actual
7	7
8	8
8	6
10	5
10	8
7	7

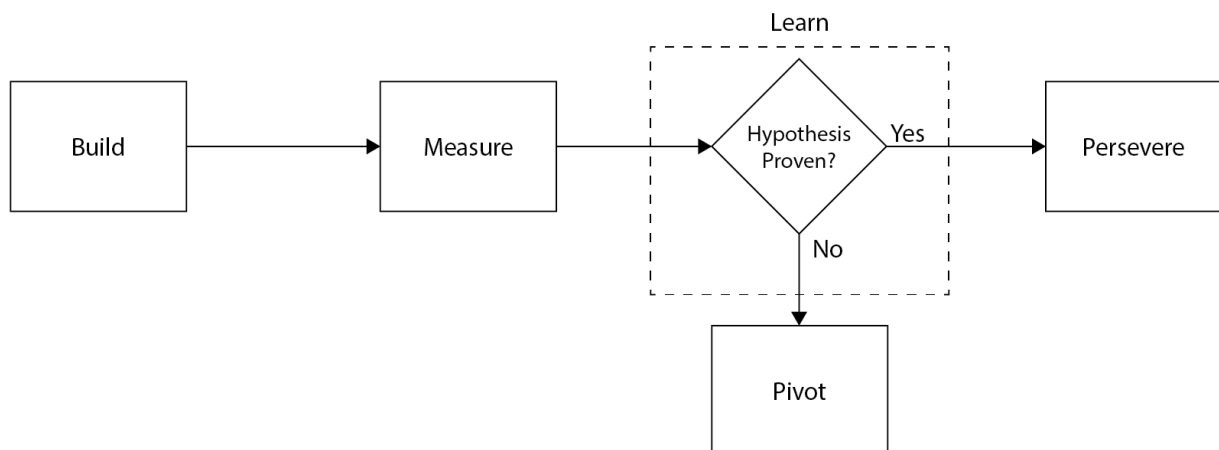
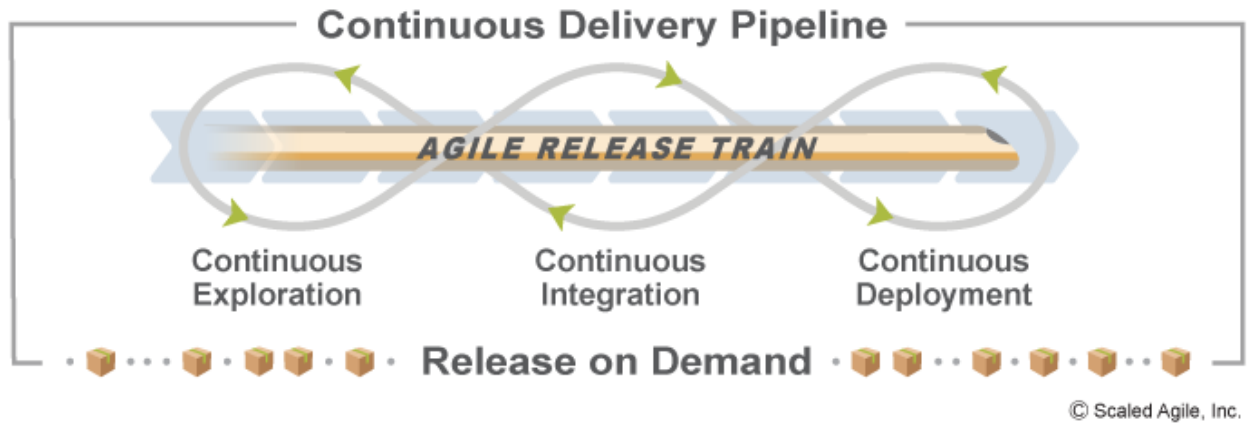
Program Predictability Measure



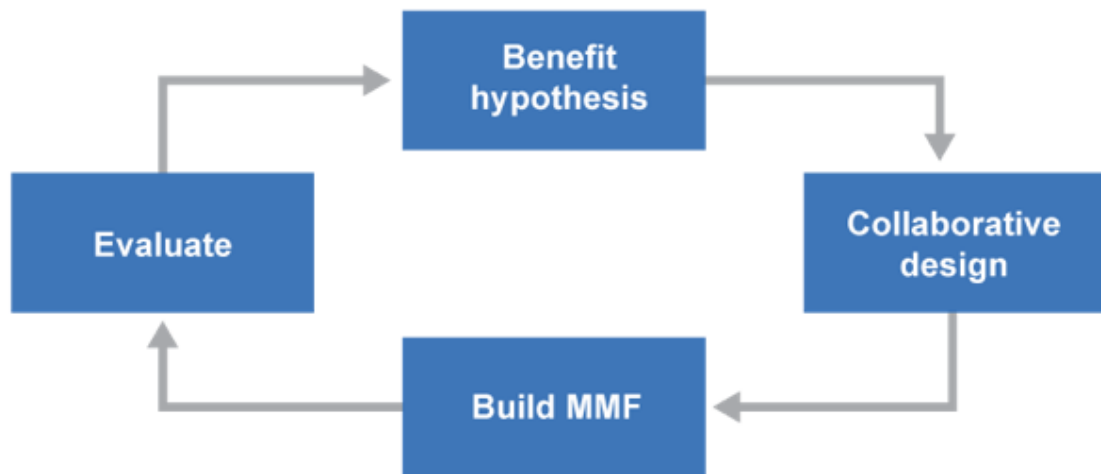
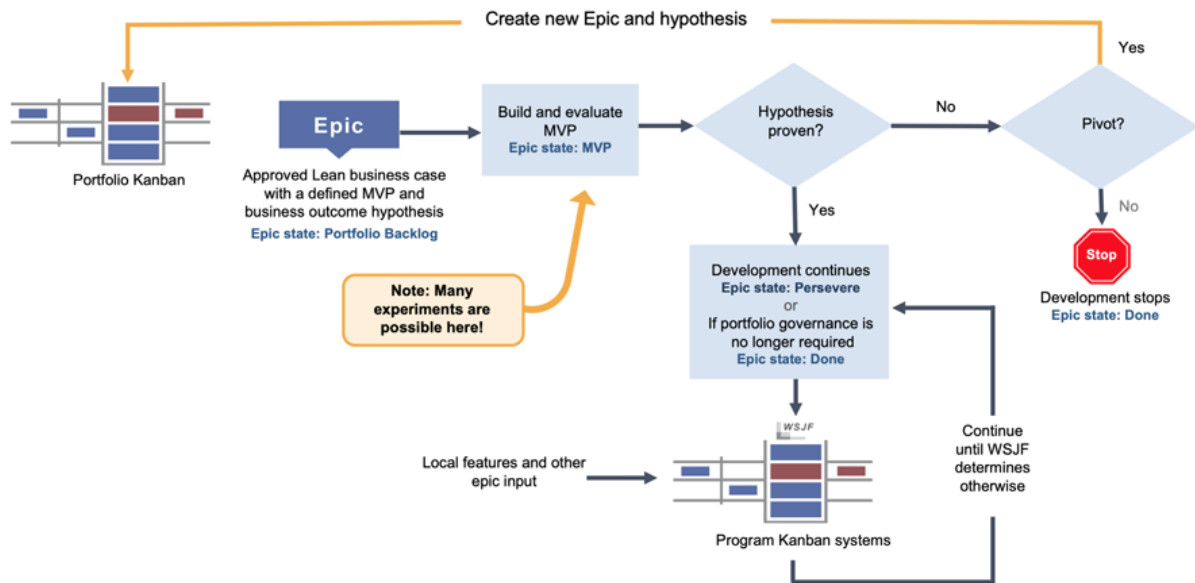
Chapter 9: Moving to the Future with Continuous Learning



Chapter 10: Continuous Exploration and Finding New Features



SAFe Lean Startup Cycle

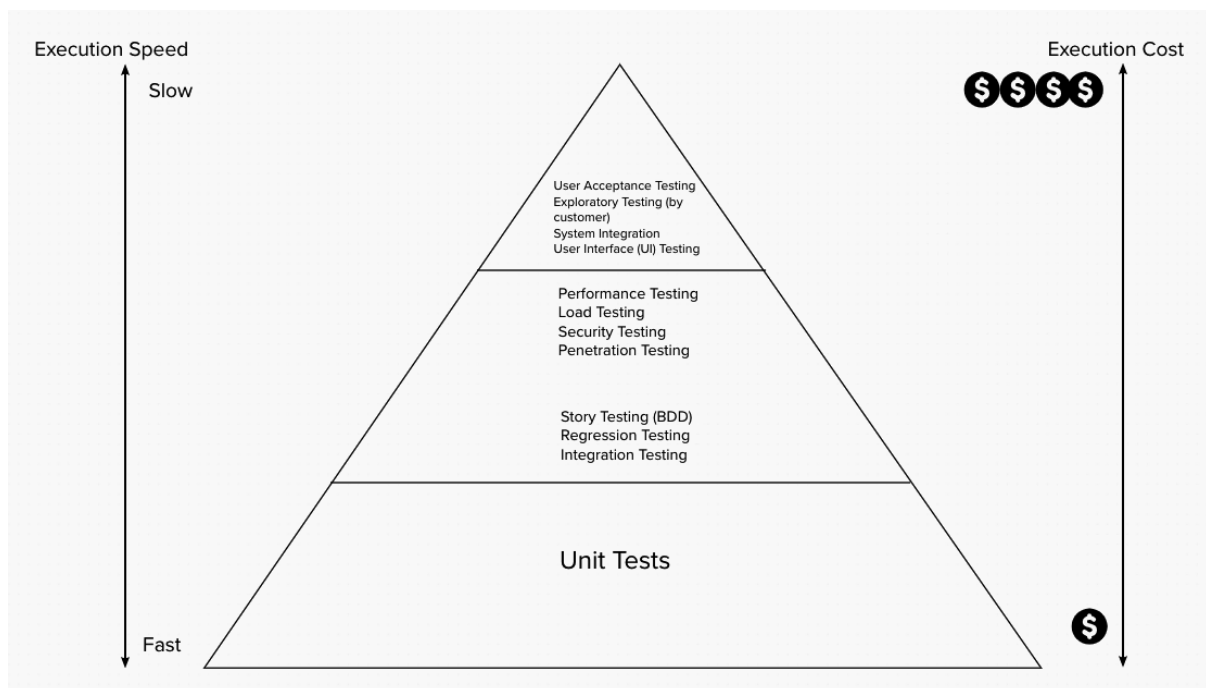
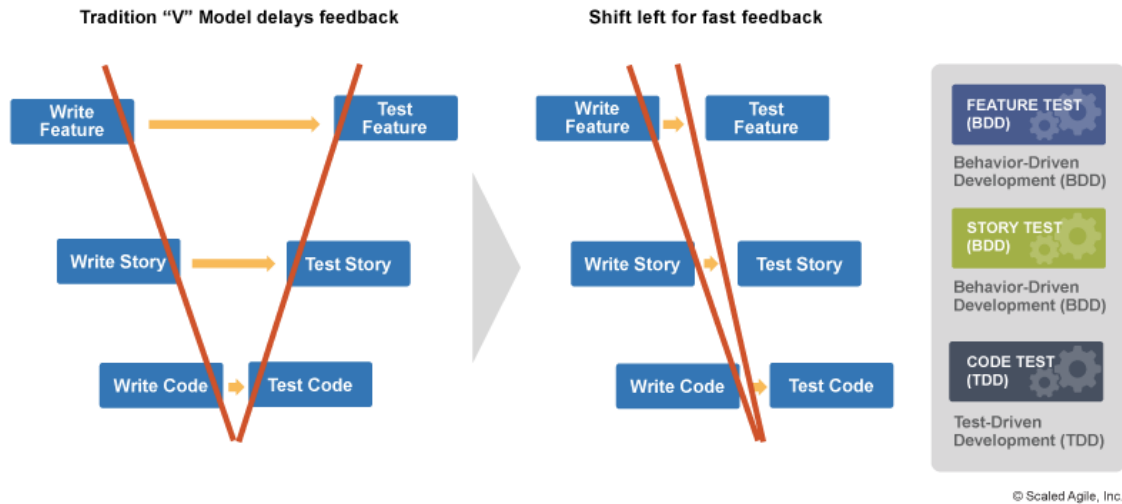


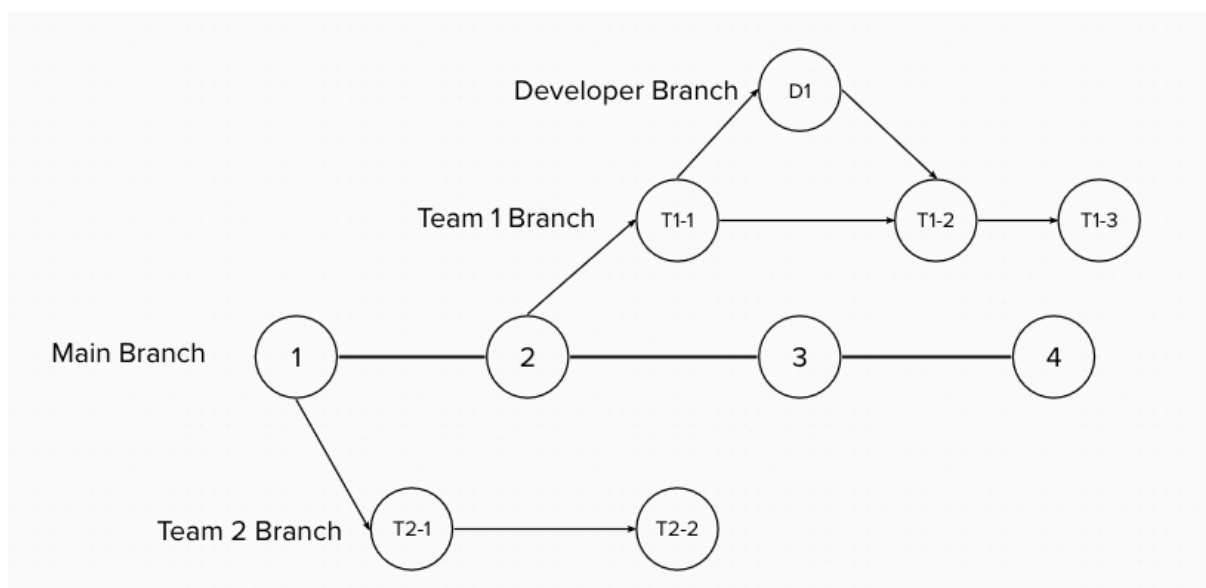
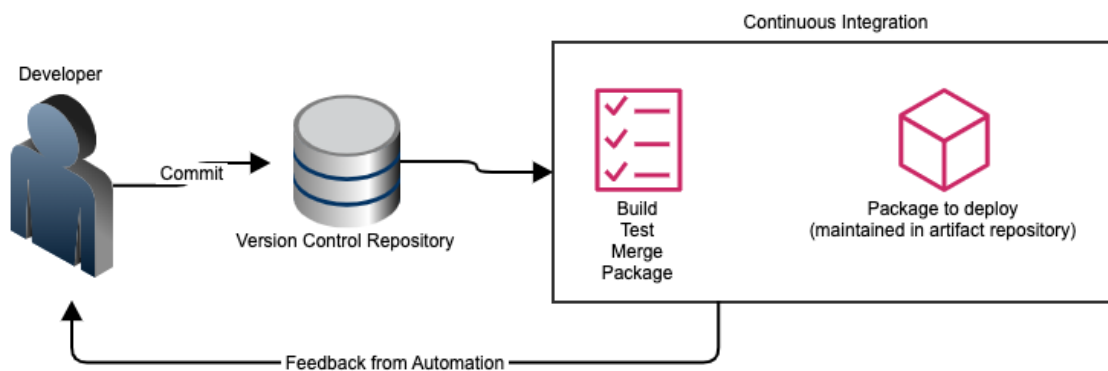
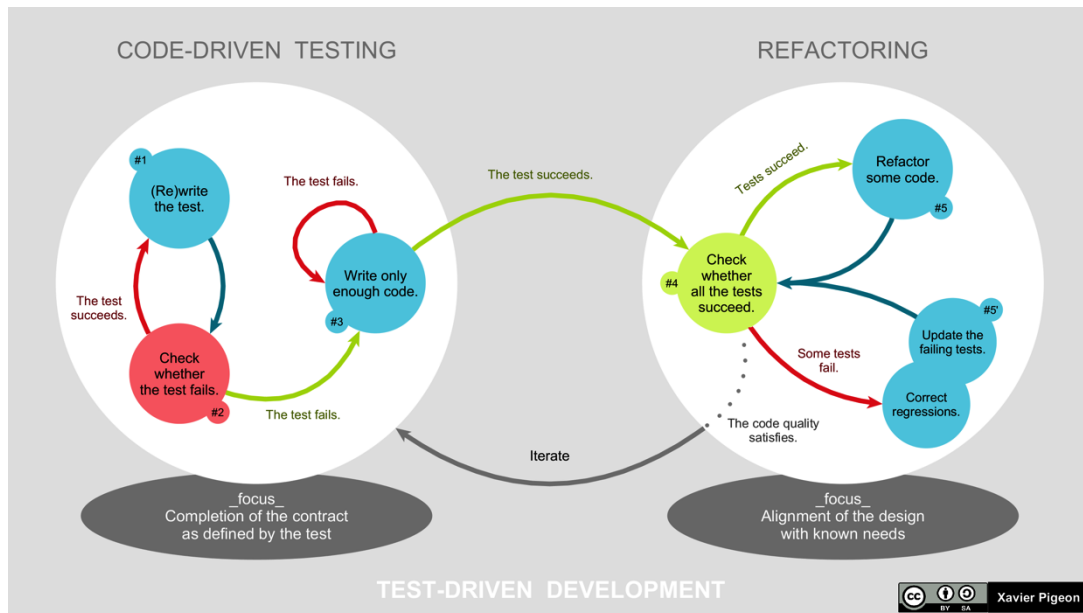
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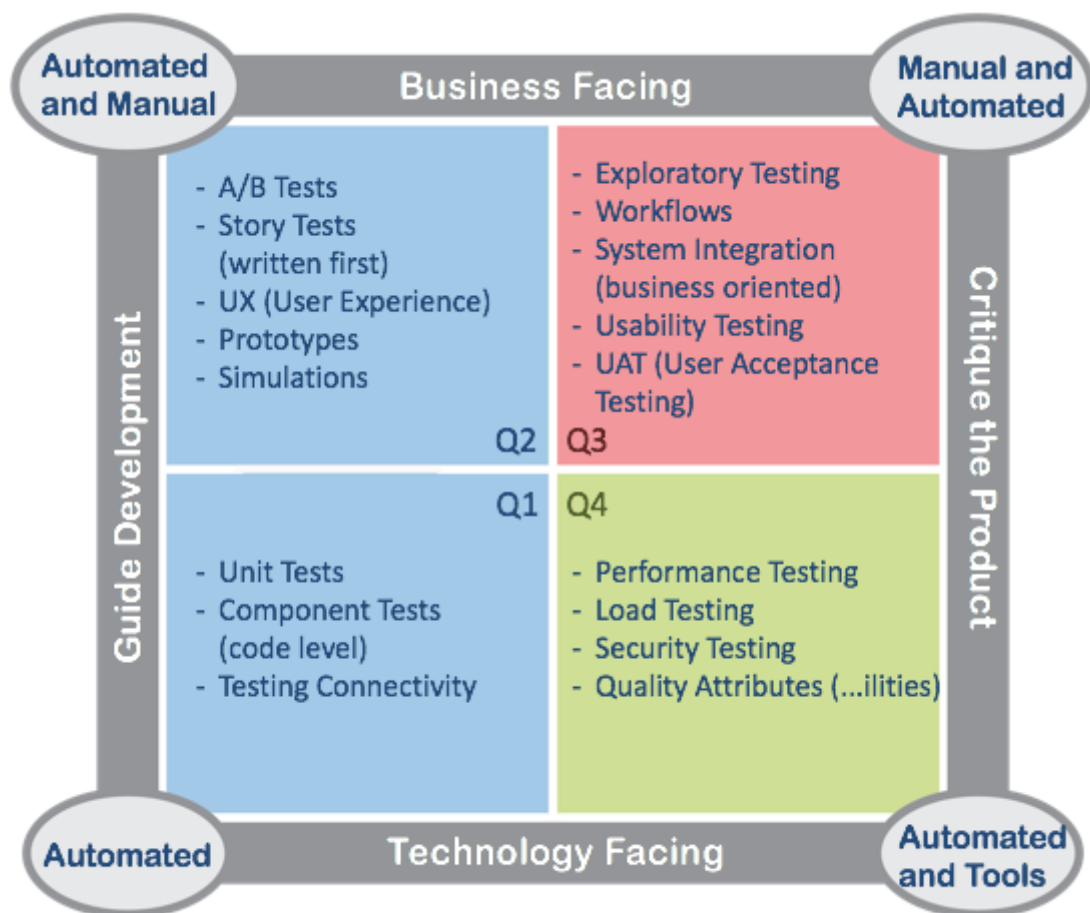
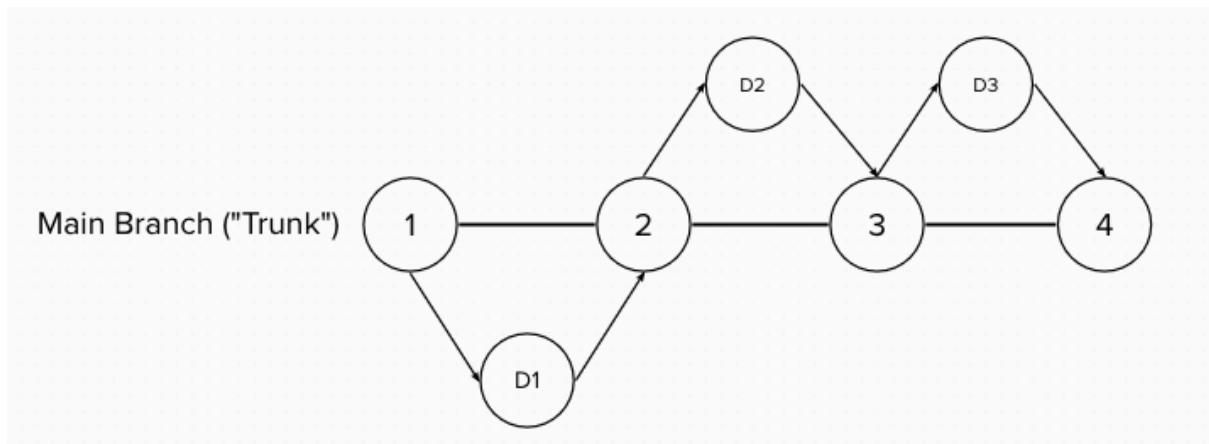
$$WSJF = \frac{\text{Cost of Delay (CoD)}}{\text{Job Size}}$$

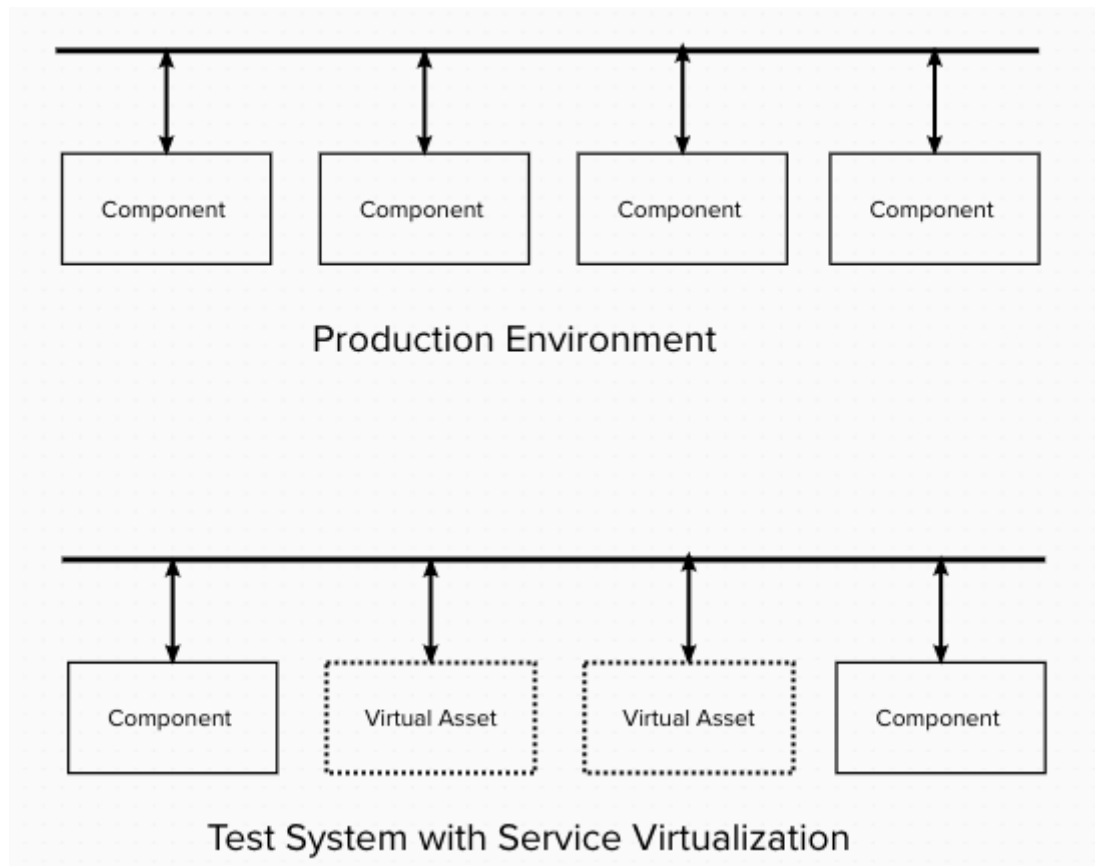
$$WSJF = \frac{\text{User Business Value} + \text{Time Criticality} + \text{RR|OE}}{\text{Job Size}}$$

Chapter 11: Continuous Integration of Solution Development

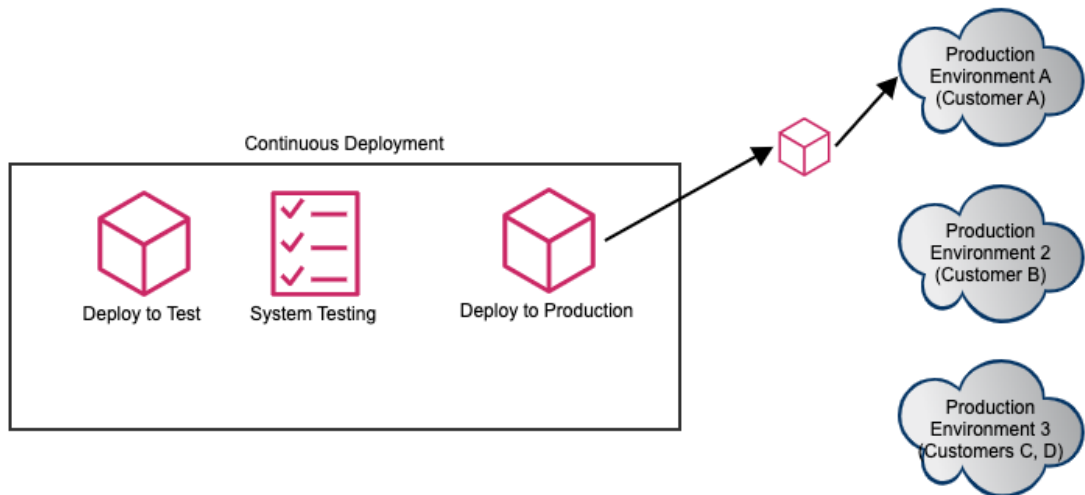
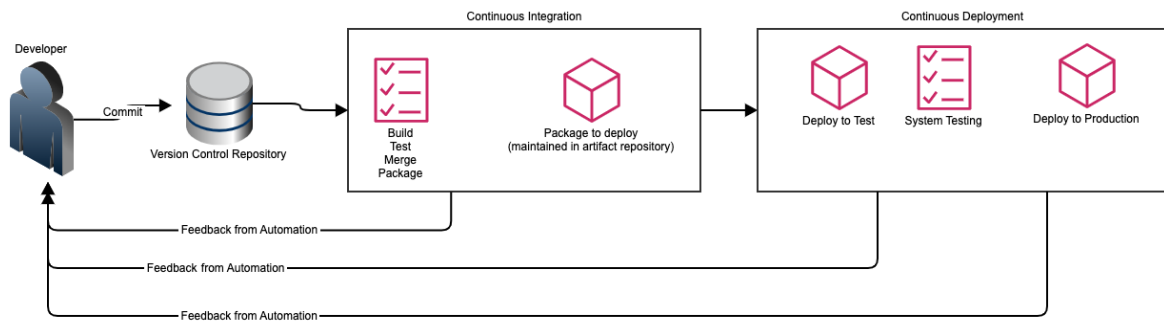


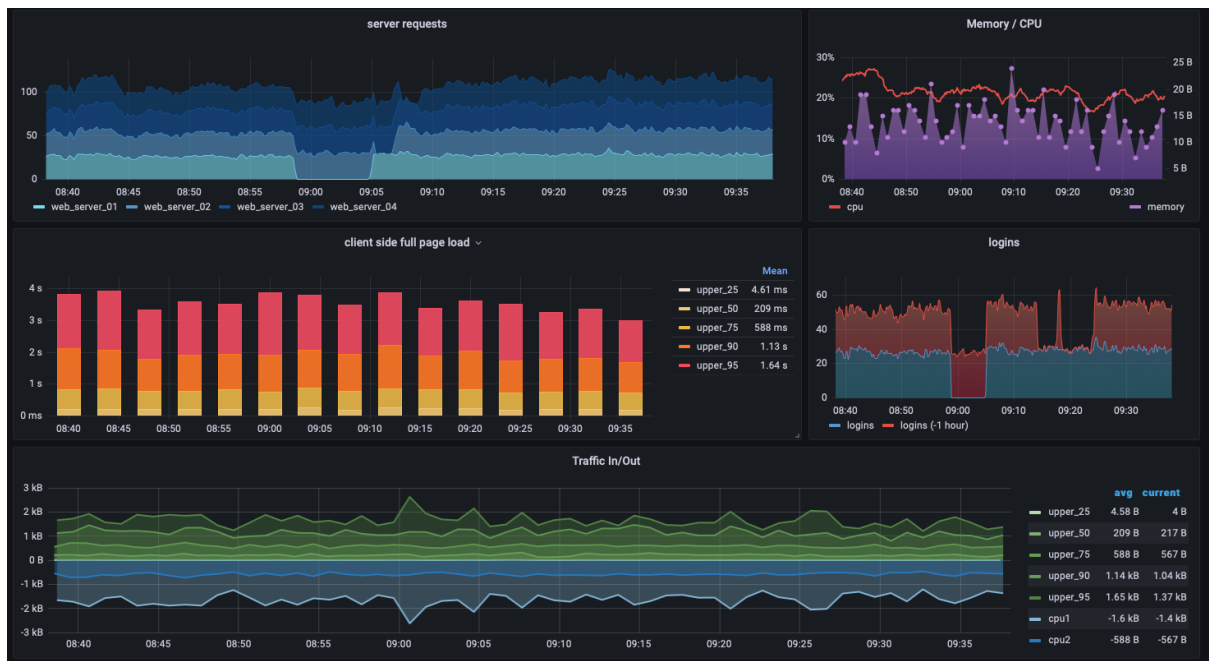
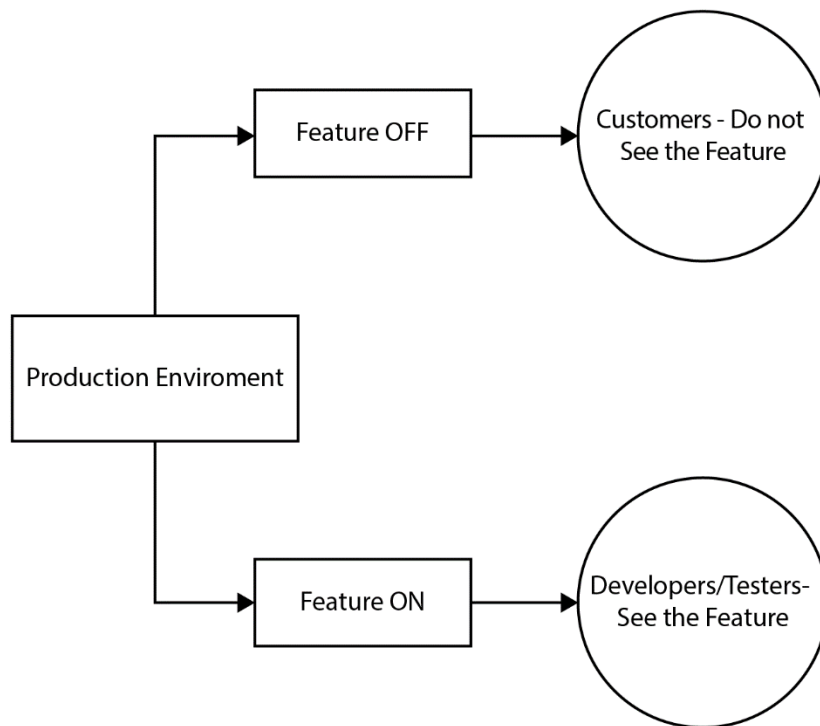


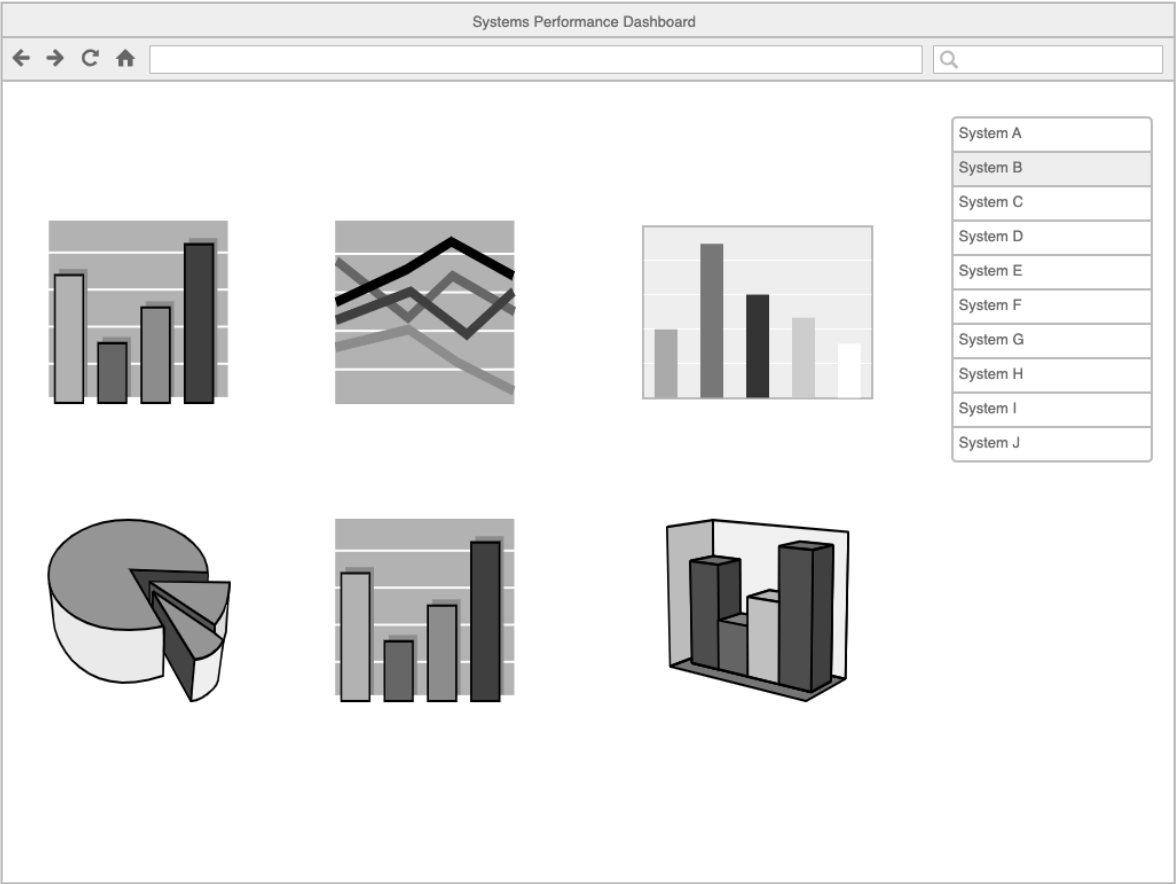




Chapter 12: Continuous Deployment to Production







System A

System B

System C

System D

System E

System F

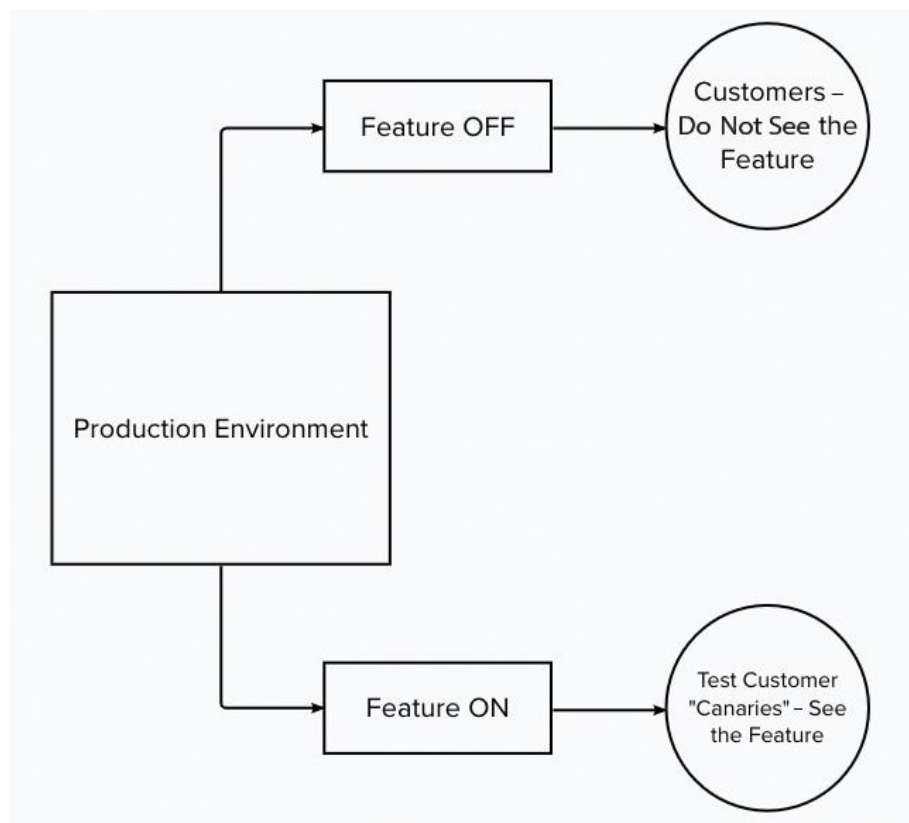
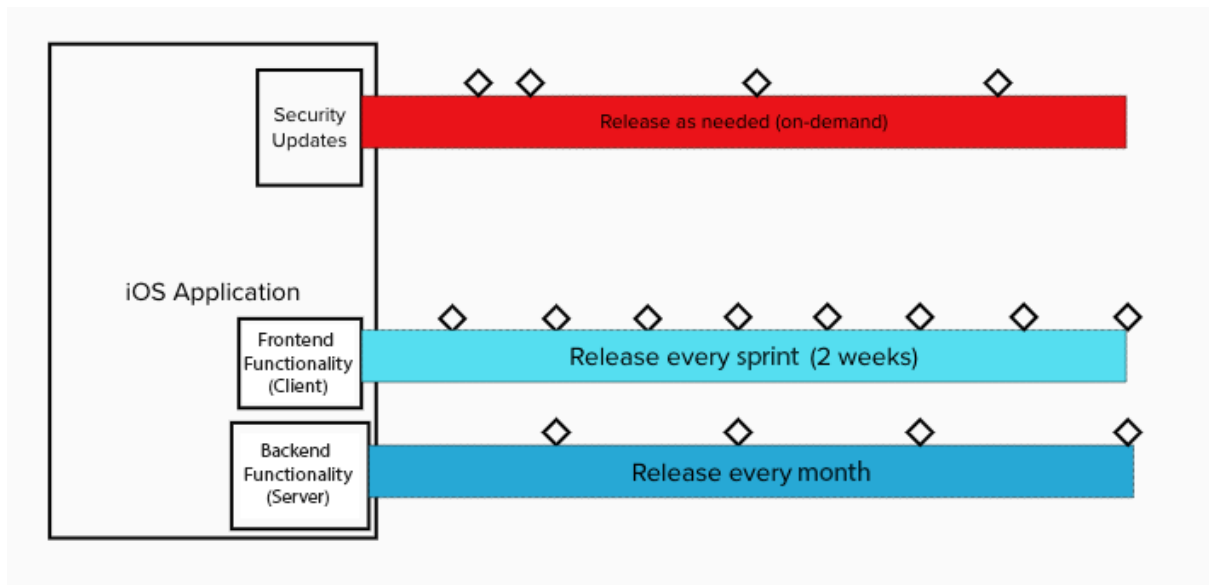
System G

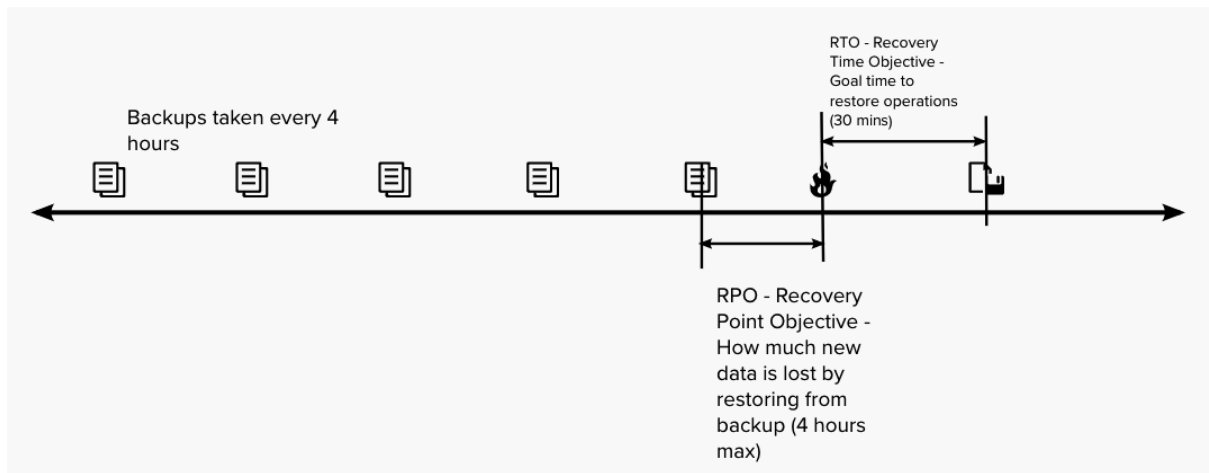
System H

System I

System J

Chapter 13: Releasing on Demand to Realize Value





Chapter 14: Avoiding Pitfalls and Diving into the Future

