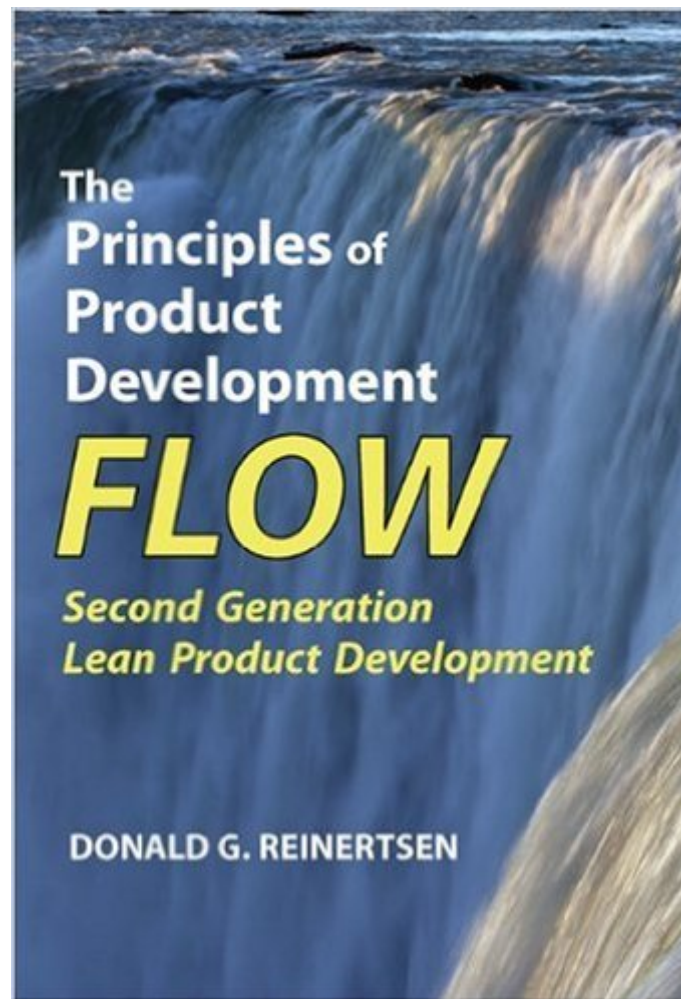# The Principles Of Product Development Flow: Second Generation Lean Product Development

Synopsis

"...the dominant paradigm for managing product development is wrong. Not just a little wrong, but wrong to its very core." So begins Reinertsen in his meticulous examination of today's product development practices. He carefully explains why invisible and unmanaged queues are the underlying root cause of poor product development performance. He shows why these queues form and how they undermine the speed, quality, and efficiency in product development. Then, he provides a roadmap for changing this. The book provides a well-organized set of 175 underlying principles in eight major areas. He shows you practical methods to: Improve economic decisions Manage queues Reduce batch size Apply WIP constraints Accelerate feedback Manage flows in the presence of variability Decentralize control The Principles of Product Development Flow will forever change the way you think about product development. Reinertsen starts with the ideas of lean manufacturing but goes far beyond them, drawing upon ideas from telecommunications networks, transportation systems, computer operating systems and military doctrine. He combines a lucid explanation of the science behind flow with a rich set of practical approaches. This is another landmark book by one of the foremost experts on product development.

Book Information

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Customer Reviews

I won't repeat what others have said except that this new standard on lean product and software development challenges orthodox thinking on every side and is required reading. It's fairly technical and not an easy read but well worth the effort.

LEAN: Lean Tools - 5S (Lean, Lean Manufacturing, Lean Six Sigma, Lean 5S, Lean StartUp, Lean Enterprise) (LEAN BIBLE Book 3) The Principles of Product Development Flow: Second Generation Lean Product Development LEAN: Lean Bible - Six Sigma & 5S - 3 Manuscripts + 1 BONUS BOOK (Lean Thinking, Lean Production, Lean Manufacturing, Lean Startup, Kaizen) Lean: QuickStart Guide - The Simplified Beginner's Guide To Lean (Lean, Lean Manufacturing, Lean Six Sigma, Lean Enterprise) Lean Six Sigma: and Lean QuickStart Guides - Lean Six Sigma QuickStart Guide and Lean QuickStart Guide (Lean Six Sigma For Service, Lean Manufacturing) Agile Product Management: Product Owner (Box set) : 27 Tips To Manage Your Product, Product Backlog: 21 Tips To Capture and Manage Requirements with Scrum ... development, agile software development) Agile Product Management: Product Vision:: 21 Steps to setting excellent goals for your product (scrum, scrum master, agile development, agile software development) Agile Product Management: Release Planning: 21 Steps to plan your product releases from a product vision with Scrum (scrum, scrum master, agile development, agile software development) Agile Product Management: Product Owner: 27 Tips To Manage Your Product And Work With Scrum Teams (scrum, scrum master, agile development, agile software development) Agile Product Management and Product Owner Box Set: 27 Tips to Manage Your Product, Product Backlog and 21 Tips to Capture and Manage Requirements with Scrum The Lean Machine: How Harley-Davidson Drove Top-Line Growth and Profitability with Revolutionary Lean Product Development The Lean Design Guidebook: Everything Your Product Development Team Needs to Slash Manufacturing Cost (The Lean Guidebook Series) Lean Six Sigma: The Ultimate Guide To Lean Six Sigma With Tools For Improving Quality And Speed! (Lean, Six Sigma, Quality Control) Lean Six Sigma: Value Stream Mapping: Simplified Beginner's Guide to Eliminating Waste and Adding Value with Lean (Lean, Six Sigma, Quick Start Beginner's Guide, Quality Control) Agile Product Management (Box Set): User Stories & Product Backlog 21 Tips (scrum, scrum master, agile development, agile software development) Agile Product Management: User Stories: How to capture, and manage requirements for Agile Product Management and Business Analysis with Scrum (scrum, ... development, agile software development) Agile Product Management: User Stories & Product Backlog 21 Tips (scrum, scrum master, agile development, agile software development) Agile Product Management (Box Set): Product Backlog 21 Tips , Release Planning 21 Steps (scrum, scrum master, agile development, agile software development) Agile Product Management: Product Vision and Release Planning 21 Steps (scrum, scrum master, agile development, agile software development) Agile Product Management: Product Owner: 26 Tips to Manage Your Product and Work with Scrum

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