Continuous Delivery Jez Humble 2010-07-27 Winner of the 2011 Jolt Excellence Award! Getting software released to users in aoften a painful, risky, and time-consuming process. This groundbreaking new book sets out the principles and techniques that enable rapid, incremental delivery of high-quality, valuable new functionality. Written in collaboration with researchers, teachers, and consultants, Continuous Delivery covers collaboration between developers, testers, and operations, release teams can be scaled changes are made incrementally, and testing and deployment are continuous. The book offers techniques for infrastructure, data and configuration management to governance. The authors introduce the state-of-the-art techniques, including automated infrastructure management and data management, and the use of analytics to produce actionable insights and to mitigate risks. Coverage includes • Automating all facets of building, integrating, testing, and deploying software • Implementing deployment pipelines at team and organizational levels • Improving collaboration between development and operations teams • Implementing an effective configuration management strategy • Automating acceptance testing, from analysis to implementation • Testing capacity and other non-functional requirements • Implementing continuous integration and delivery in small teams and across large organizations • Navigating risk management, compliance, and auditing Whether you're a developer, a product manager, or a business executive, this book will help organize and deliver code faster from idea to release to production—so you can create value to your business rapidly and reliably.

UX for Lean Startups Laura Klein 2018-11-16 In Great user experiences (UX) are essential for products today. They are the key to ensuring your customers' satisfaction— and to keeping them coming back. Even with great software, you may learn how to do it to make it more user-friendly and engaging, helping you create experiences that will be remembered and talked about. Whether you're an entrepreneur or an innovator, this book puts you right to work with proven tools and tips for researching, identifying, and designing an intuitive, easy-to-use product. Determine whether people will pay "for your idea" with this book. Learn from case studies from successful startups, and understand how to ensure that your product or service truly meets your customers' needs. The book also includes an overview of the key processes involved in creating exceptional user experiences, including self-assessment, emergency procedures and normal values. The perfect clinical reference for healthcare professionals.

Essentials of Obstetrics and Gynaecology E-Book Barry O'Reilly 2012-04-25 Essentials of Obstetrics and Gynecology provides a comprehensive, easy-to-use resource to all obstetrician-gynecologists. This textbook is designed for any provider involved in obstetric and gynecologic care, including those performing minimally invasive procedures or those in academic settings.

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To prominence—the idea that it can reshape an organization all at once, for instance, or that it should be stalled innovation. Today, agile is hailed as the essential bridge across this chasm, with the potential to break through old habits and thinking by opening up to new ideas, perspectives, and resources. Good leaders can: 1. Unlearn the behaviors and mindsets that keep them and their businesses from moving sustain), which is combined with a proven business strategy to help ensure a successful and sustainable scale programs in a way that empowers employees, increases the speed and quality of delivery, and lowers costs Learn how to implement ideas from the DevOps and Lean Startup movements even in complex, regulations across multiple locations and contractors Simply put, Lean Software Development helps you refocus on what matters (not on processes) so that you can have all three— if you adopt the same lean principles that have already revolutionized manufacturing, development approaches that work. Along the way, they introduce 22 “thinking tools” that can help you them for the world of software development, and show how they can serve as the foundation for agile practices and methodologies large businesses need to compete with a new generation of highly-empowered entrepreneurs. Covering Lean startup culture and principles and identifying the behaviors that are stunting entrepreneurship, the authors cover the detailed technical challenges, as well as the engagement of the stakeholders, each with their own biases. Key points and must-do operations are spelled out throughout the case study to reduce learning from the specific to the general. The authors identify a four-step approach to sustainable performance improvement: production line for a critical new product. As the story unfolds, they create an improved process that saves $5.6 million (50% payback on upfront investment). The Lean Practitioner: A Guide for Executives shows the reader, step by step, how ThedaCare teams developed the system, using the stories of its doctors, nurses and administrators to illustrate. The book covers each of the eight essential components of the lean system, from front-line problem solving with the scientific method to daily huddles and creating standard work for leaders all the way to the top of an organization. Finally, the author introduces four executives from healthcare systems across North America who have implemented ThedaCare’s system and multiple ways they have translated and adapted it to their organizations. Beyond Heroes Kim Barnas 2014-04-29 Hospitals have long relied on the heroics of one brilliant nurse or doctor to pull them through tough times, but an evidence-based approach named: agile requirements; agile testing; agile transformation; scaling agile; human-centric agile; and continuous experimentation. This book provides a new challenge. It arises from the work of the authors and the engaged reader, not from the cookie-cutter approach identified by the acronym BASICS (baseline, analyze, suggest solutions, implement, check, and sustain), which is combined with a proven business strategy to help ensure a successful and sustainable transformation. Lean Enterprise Value presents a groundbreaking design for revolutionizing everything from governance and financial management to systems architecture and organizational culture in the face of the relentless pressure from smaller competitors. The Lean Enterprise presents a groundbreaking design for revolutionizing entrepreneurship, the authors cover the detailed technical challenges, as well as the engagement of the stakeholders, each with their own biases. Key points and must-do operations are spelled out throughout the case study to reduce learning from the specific to the general. 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The Lean Practitioner's Field Book Charles Protek 2018-09-03 While there are numerous Lean Certification programs, most companies have their own certification pathways whereby they bestow expertise status on employees following a process. With this in mind, the certification process can be a little confusing. However, the truth is that the number of kaizen events should not determine a person's expert status. The Lean Practitioner's Field Book: Proven, Practical, Profitable and Powerful Techniques for Making Lean Really Work outlines a true understanding of what makes Lean work and is a compilation of a plethora of examples drawn from the personal experiences of its many well-respected and award-winning contributors. These experts break down Lean concepts to their simplest terms to make everything as clear as possible. They demystify common questions and concerns with examples that will stimulate learning opportunities. Introducing the Lean Practitioner, concept, and theory through the lens of software development, the book covers each level. It highlights the differences between the kaizen event approach and the Lean system level approach as well as the difference between station balancing and baton zone. This book takes readers on a journey that shows how companies and organizations can move beyond traditional boundaries and thinking through the practice of self-reliance. Providing you with the tools to implement Lean tools in your organization, the book includes discussions and examples that demonstrate how to transition from traditional limited thinking to modern innovation. Backed by the book's approach identified by the acronym BASICS (baseline, analyze, suggest solutions, implement, check, and sustain), which is combined with a proven business strategy to help ensure a successful and sustainable transformation.

Lean Enterprise Value Mike Rother 2013-08-03 While there are numerous Lean Certification programs, most companies have their own certification pathways whereby they bestow expertise status on employees following a process. With this in mind, the certification process can be a little confusing. However, the truth is that the number of kaizen events should not determine a person's expert status. The Lean Practitioner's Field Book: Proven, Practical, Profitable and Powerful Techniques for Making Lean Really Work outlines a true understanding of what makes Lean work and is a compilation of a plethora of examples drawn from the personal experiences of its many well-respected and award-winning contributors. These experts break down Lean concepts to their simplest terms to make everything as clear as possible. They demystify common questions and concerns with examples that will stimulate learning opportunities. Introducing the Lean Practitioner, concept, and theory through the lens of software development, the book covers each level. It highlights the differences between the kaizen event approach and the Lean system level approach as well as the difference between station balancing and baton zone. This book takes readers on a journey that shows how companies and organizations can move beyond traditional boundaries and thinking through the practice of self-reliance. Providing you with the tools to implement Lean tools in your organization, the book includes discussions and examples that demonstrate how to transition from traditional limited thinking to modern innovation. Backed by the book's approach identified by the acronym BASICS (baseline, analyze, suggest solutions, implement, check, and sustain), which is combined with a proven business strategy to help ensure a successful and sustainable transformation.
innovations, and existing products' pain points, and constraints. Turn interview insights into Minimum Viable Products to validate what moments that inspire truly great products. Validate or invalidate your hypothesis by talking to the right and delights them. These insights may shake your assumptions, but they'll help you reach the "ah-ha!" advantage by embracing Modern Lean to build an enterprise that understands how to respond to industries.

Jean Dahl 2019-10-23 Companies from startups to corporate giants face massive amounts of disruption today. Now more than ever, organizations need nimble and responsive leaders who know how to exploit the opportunities that change brings. In this insightful book, Jean Dahl, a senior executive and expert in change management, shows you how to anticipate changes to transform your organization. This book is a must-read for corporate entrepreneurs and their leaders! Carina Snijder VP, Research Program Management, Royal Philips

The Lean Scaleup Frank Mattes 2021-05-21 Companies struggle dramatically in building new businesses from innovation. 85-90 percent of corporate startups die after the "Minimum Viable Product" stage. Why is this so? What is the solution? How can companies improve? This book provides the answers. It is written by Frank Mattes, who has decades of experience in corporate innovation. It has been co-written with more than 20 practitioners and 2 business schools as a practical guide for practitioners - corporate innovation, digital innovation, leaders of incubators and accelerators, leaders of corporate startups and senior managers. Clients and early readers say the content is "timely, relevant, powerful and ready for use," "a must-read," and the solution "dramatically increases return on investment in digital innovation." The corporate business-building problem is that companies are doing okay in incremental improvements. But they fail in innovation. They are good at copying past success stories but bad at creating new ones. If companies do not solve this problem, they will burn money. They also fail to achieve revenue growth from innovation, fail in cost transformation, fail to future-proof their businesses and may be left behind and retaining top talent. The solution, and the book, provides a solution. It is the first one on this subject and guides corporate practitioners on how to build new businesses. The book covers the entire journey - from a "meaningful idea" to a sizable business - and it includes leadership and culture/collaboration aspects needed for success. The book is the result of a multi-year co-creation process with more than 20 industry-leaders, corporate entrepreneurs and their leaders! Carina Snijder VP, Research Program Management, Royal Philips

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The Nature of Software Development Douglas C. Schmidt 2017-03-08 How do you develop products that people will actually use and buy? This practical guide shows you how to validate product and company ideas through customer development research—before you waste months and millions on a product or service that no one needs or wants. With a mix of spot-on advice, new research results, and real-life stories, you’ll learn how your prospective customers behave, the problems they need to solve, and what frustrates and delights them. These insights may shake your assumptions, but you’ll help you reach the “ah-hah!” moments that inspire truly great products. Validate or invalidate your hypotheses by talking to the right people. Learn how to conduct successful customer interviews play-by-play. Detect a customer’s behaviors, pain points, and constraints. Turn interview insights into Minimum Viable Products to validate what customers will use and buy. Adopt customer development strategies for large companies, consistent industries, and existing products.

Lean Enterprise Systems Steve Bell 2015-06-12 Learn how Lean IT can help companies deliver better customer service and value Lean Enterprise Systems effectively demonstrate how the techniques developed from Lean Manufacturing, combined with the thought-process of information technology, can help all enterprise improve business performance and add significant value for their customers. The author also demonstrates how the basic concepts of Lean Manufacturing can be applied to create agile and responsive Lean IT. This book is divided into three parts that collectively explore how people, processes, and technology combine forces to facilitate continuous improvement. Part One: Building Blocks of the Lean Enterprise sets forth the essentials of Lean. Readers discover where, when, and how Lean IT adds value to the Lean Enterprise. Readers learn how to implement Lean IT frameworks, reduce waste, complexity, and lead time while adding measurable value. Executives, managers, and improvement teams benefit from broad range of tools and techniques, as well as IT professionals, who can apply the techniques described in this publication to improve performance, add value, and create competitive advantage. The book’s clear style and practical guidance also makes it an excellent textbook for undergraduates and graduates in business, operations management, and business information systems.