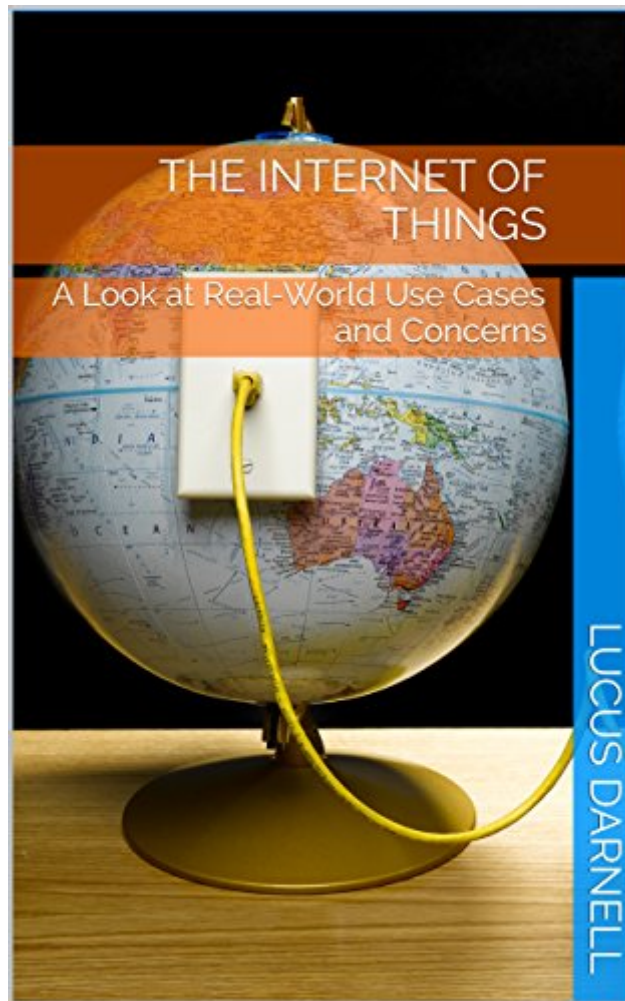# The Internet Of Things: A Look At Real-World Use Cases And Concerns

Synopsis

It seems as though you can't go anywhere these days without hearing someone talking about the Internet of Things. Unfortunately, most of the stories that are being told are just that. They're stories, most of which aren't based on real-world scenarios and use cases. That is why I decided to write this book.In "The Internet of Things: A Look at Real-World Use Cases and Concerns", I walk you through real / actual projects that people are actively working on around the world. I will share with you real-world use cases that you can easily understand and relate to.I have personally had the privilege of working on all of the projects and use cases mentioned in this book and decided to share those experiences with you throughout this book. Regardless of what industry you are in, I am certain you will find the examples in this book identifiable.To give you an idea of the things discussed in this book, here is the book's table of contents.IntroductionChapter 1. What is the Internet of Things?Chapter 2. Industrial IoT- Use Case 2.1: Quality Assurance- Use Case 2.2: Predictive Maintenance- Use Case 2.3: Real-time Diagnostics- Concerns Regarding the IoT for IndustriesChapter 3. Consumer IoT- Use Case 3.1: Home Automation- Use Case 3.2: Wearables- Use Case 3.3: The Almighty Smartphone- Concerns Regarding the IoT for ConsumersChapter 4. Building and Facility IoT- Use Case 4.1: Safety and Security- Use Case 4.2: Smart Conference Rooms- Use Case 4.3: Occupancy and Wait Times- Concerns Regarding the IoT for Building and Facility ManagementChapter 5. Transportation and Logistics IoT- Use Case 5.1: Fleet Tracking- Use Case 5.2: Tracking Medical Supplies- Use Case 5.3: Connected Smart Cars- Use Case 5.4: Autonomous and Self-Driving Cars- Concerns Regarding the IoT for Transportation and LogisticsChapter 6. Healthcare IoT- Use Case 6.1: Individual Specialized Healthcare- Use Case 6.2: From Home to Hospital- Use Case 6.3: Clinician Hygiene and Infection Reduction- Use Case 6.4: Magnetic Resonant Imaging Management- Use Case 6.5: Nanotechnology- Concerns Regarding the IoT for HealthcareChapter 7. Retail IoT- Use Case 7.1: Beacons / In-Door Tracking and Notifications- Use Case 7.2: Smart Displays and Virtual Fitting Rooms- Use Case 7.3: Smart Carts- Concerns Regarding the IoT for RetailChapter 8. Additional Concerns Regarding the Internet of Things- Adding Intelligence- Who owns the data?Conclusion

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The book provides a general overview of Internet of Things and use cases around it - industrial iot , consumer iot, predictive maintenance , smarter healthcare, retail, connected car etc. The information and use cases are common ones which are available over the web. The book doesn't address the implementation part and talk at the surface level.For a beginners level , the book might be valuable, but some one already knowing about the topic, there is nothing much to gain out of this book.

This book has helped translate ideas and concepts into real-world applications for work. This book is great for someone who simply wants to know how to use IoT and particularly how some industries utilize this technology.

By giving real world examples, this is a good introduction to the topic. It also mentions challenges and concerns. A good way to start learning the subject

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