Summary of Lecture 16

Lecture 16 was dedicated to the development processes of secure software systems. We have surveyed three methods, including Microsoft's Security Development Lifecycle, OWASP CLASP, and Cigital's Security Touchpoints.

The lecture was finished with the overview of the whole course content:

• Lecture 1: Security Risk Management
• Lecture 2: Understanding security goals and business activities
• Lecture 3: Designing secure system functions and behaviour
• Lecture 4: Aligning between different modelling perspectives
• Lecture 5: Security Risk Analysis
• Lecture 6: Security Requirements
• Lecture 7: Role-based Access Control
• Lecture 8: Model Driven Development
• Lecture 9: Cryptography
• Lecture 10: x-Road
• Lecture 11: i-voting
• Lecture 12: Related (to Security) Requirements
• Lecture 13: So You Want to Start a Cyber War
• Lecture 14: Social Engineering
• Lecture 15: Security Patterns
• Lecture 16: Development Process for Secure Software