- Vulnerabilities
- Unintended Consequences
- Bad Design
- Are causes by complexity

Vulnerabilities
Design, implement, and evaluate a system that securely integrates data from multiple sources.

Design and analyze cryptographic protocols for secure communication.

Design and analyze secure software and hardware designs.

Design and analyze secure algorithms and protocols.
- Viruses

- Large scale attacks possible

- Bypassing checks

- Traffic analysis

- Spoofing

- Kernel exploit

Software vulnerabilities
- Exploring shared scenes
- Social enumeration
- Information (Early loss)
- Buffer overflow

How is software configured?

- Badge immortality
- Software never dies, not disease