

# Chapter 5: Software requirements

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Requirements are usually given by the BA's (Business analysts) and told "ask if you have any questions"

- Understand given requirements.
- Analyze similar products or services.
- Interpret with your peers.

gathering security requirements becoming just as important as functionality.  
identify assets in the requirements.

**Asset:** anything of value to the stakeholders.

- When reviewing use case diagram, look for assets.

## 1 Devise Misuse Cases

In software, every function that the application's software provides is also an open opportunity...

This is a hard thing to do because:

- little methodologies in this area
- ...

In order to devise the misuse cases you must:

- know your enemy
- carry out relevant attacks
- design countermeasures for relevant attacks

Misuse case actors could be an outside person, an inside person or an automated machine.

for carrying out the relevant attacks, use the list of attacks previously (XSS, SQL Injection).

Every countermeasure is a new requirement in the requirements list. Implementing a log in counter will prevent a brute force attack.