

PXL – Digital 42TIN1280 Software Analysis - Introduction

Week 02 – semester 01

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**DE HOGESCHOOL
MET HET NETWERK**

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Content

- The essential software requirement
- What are requirements?
- Levels and types of requirements
- **Best practices: international standards – ISO**
- **SMART Requirements**
- **Best practices: JIRA - EPICS - USER STORIES**
- Requirements development and management
- Brief history of requirements methods & modeling
- The role of the analyst + recap case
- Questions & Answers



QUALITY

Best practices: international standards - ISO

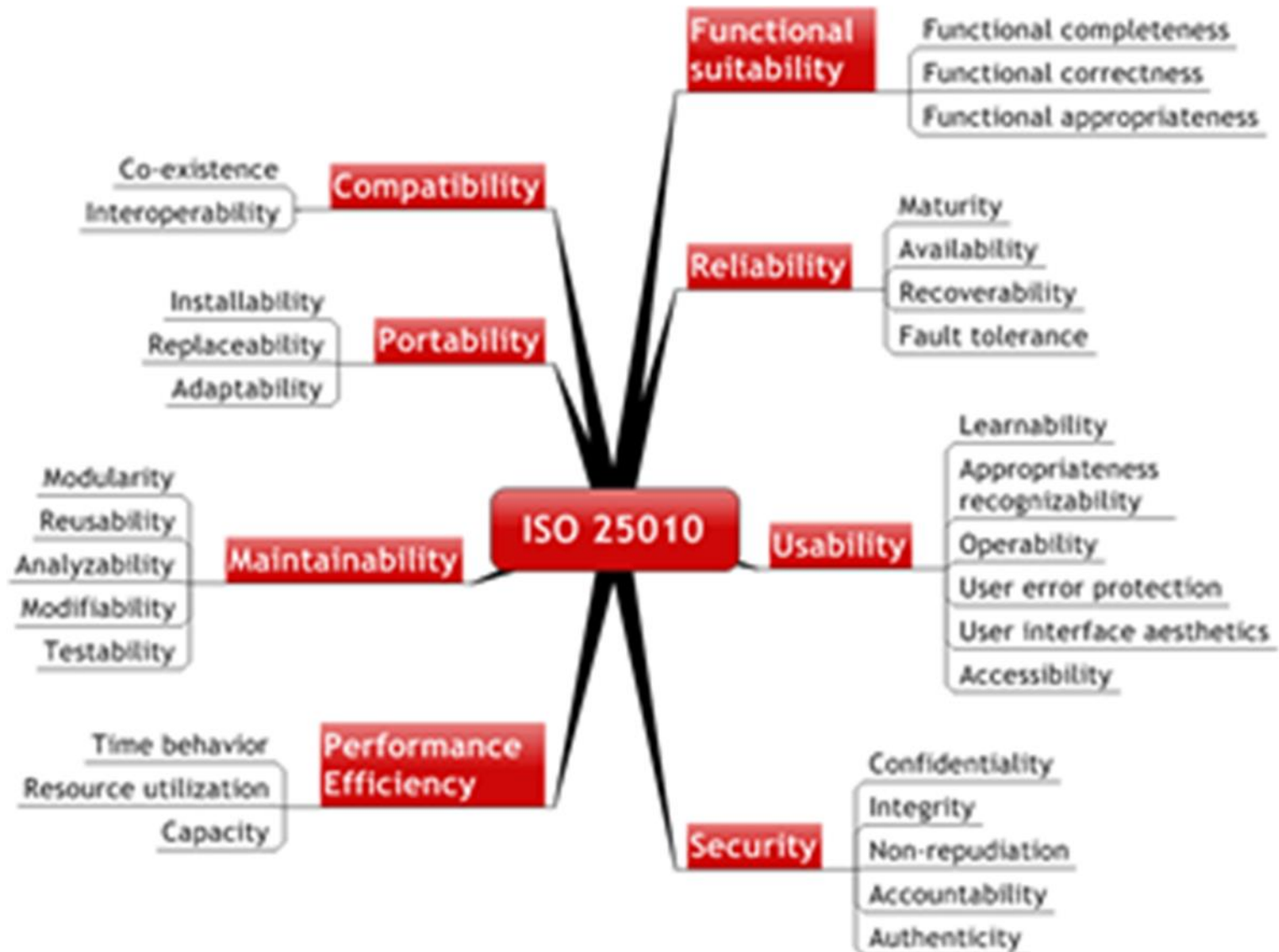
PERFUMeS

- P ...
- E ...
- R ...
- F ...
- U ...
- M ...
- S ...

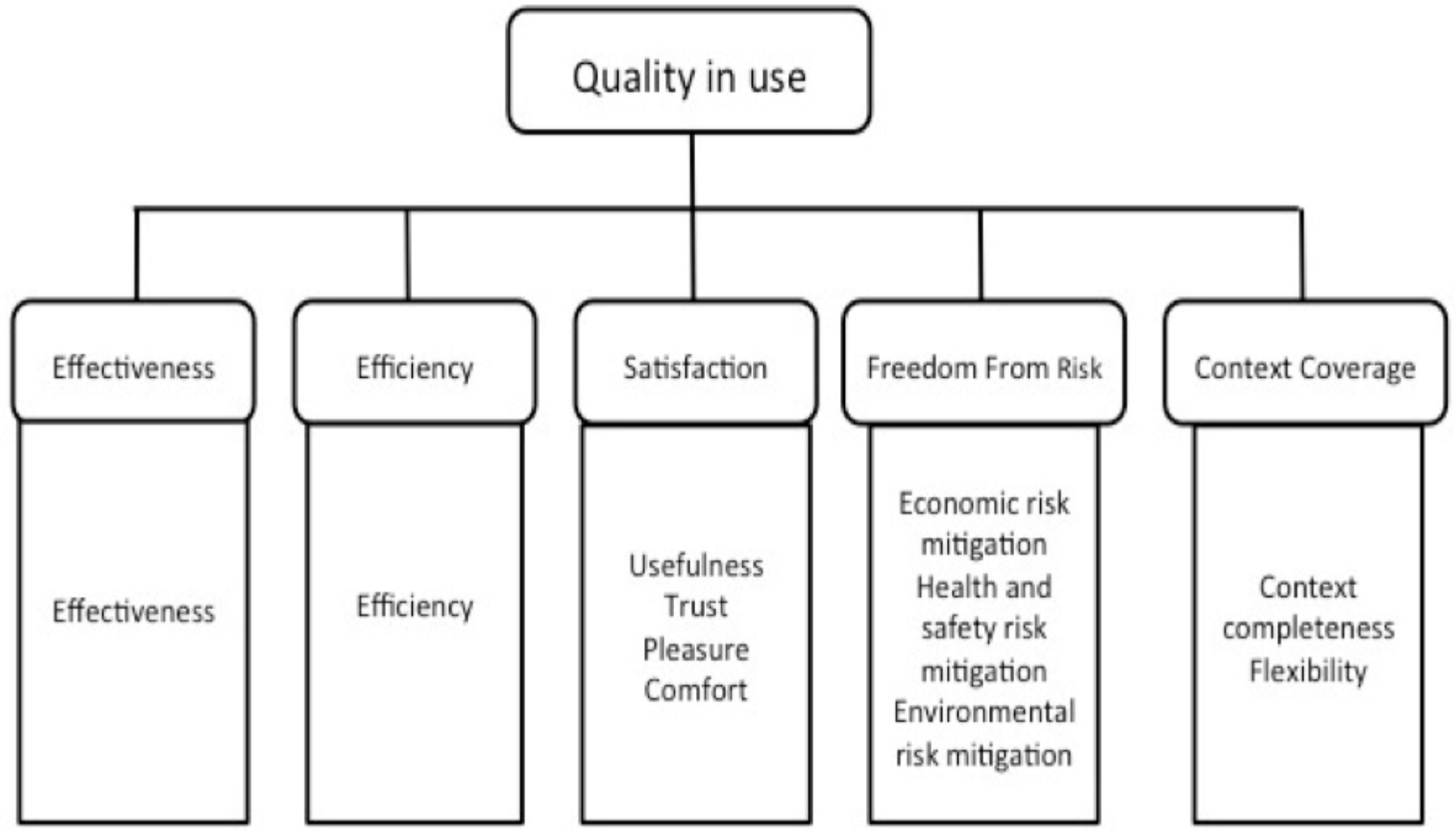


Geef een
voorbeeld

ISO 25010 – product quality



ISO 25010 – product quality during use





SMART Requirements



SMART Requirements



S: a requirement shall clearly state what is required

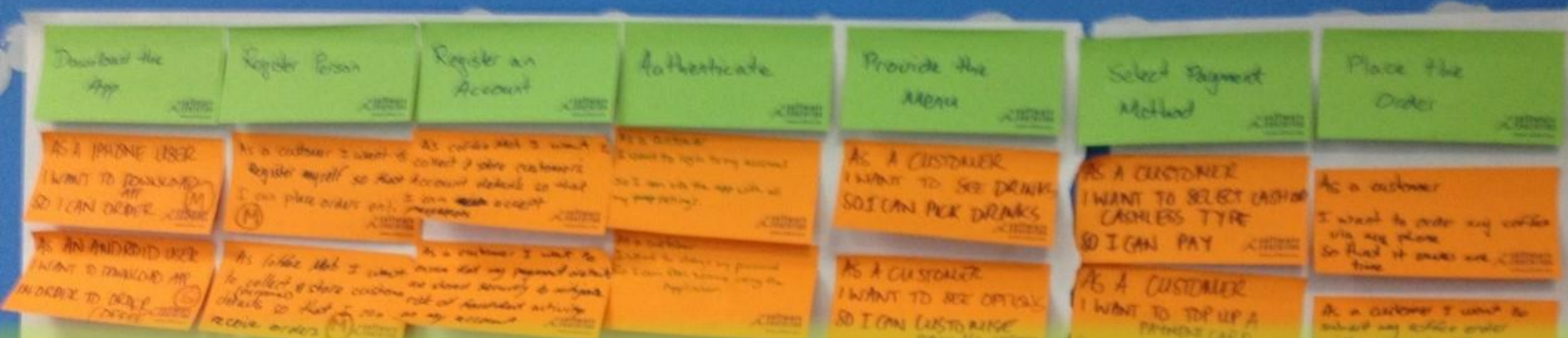
M: a requirement shall be able to confirm when it has been met

A: a requirement shall be achievable/ technically feasible

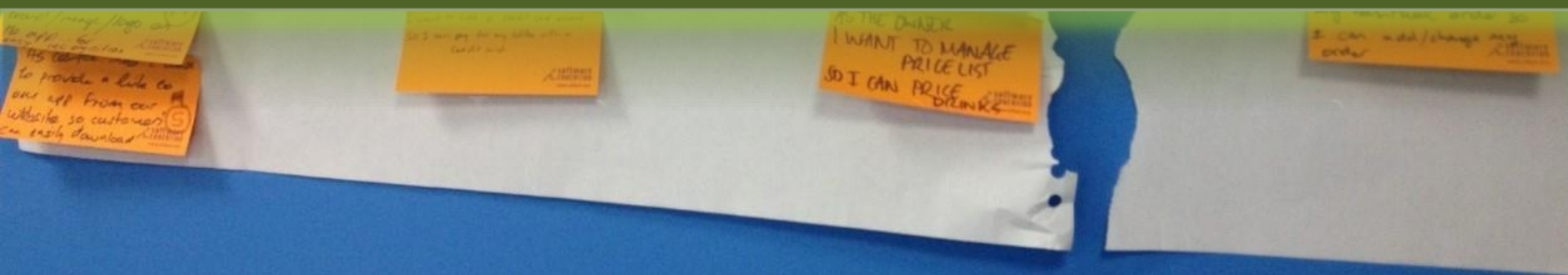
R: a requirement shall be reasonable/ realistic

T: a requirement shall be achievable within an acceptable timeframe

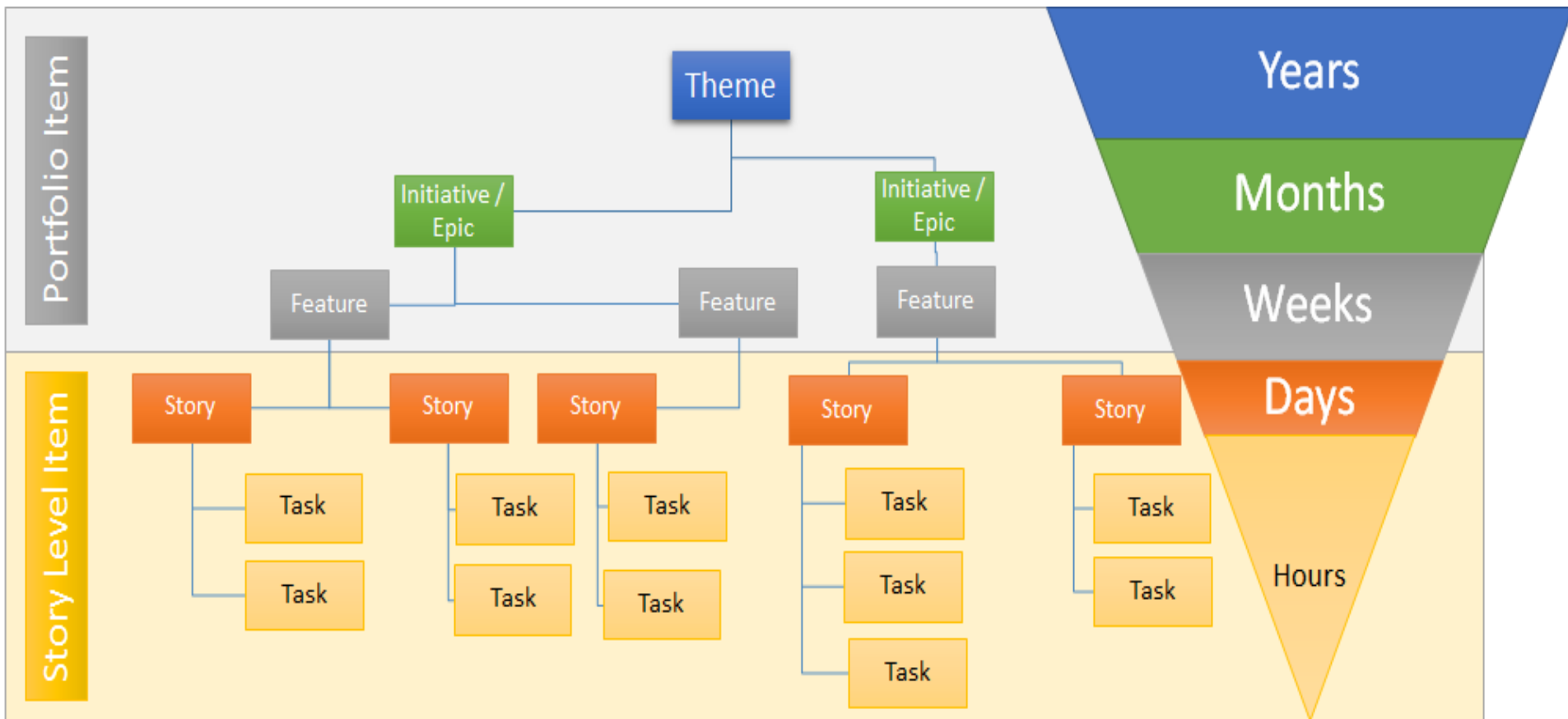




JIRA – Epics, Features, User stories, ...

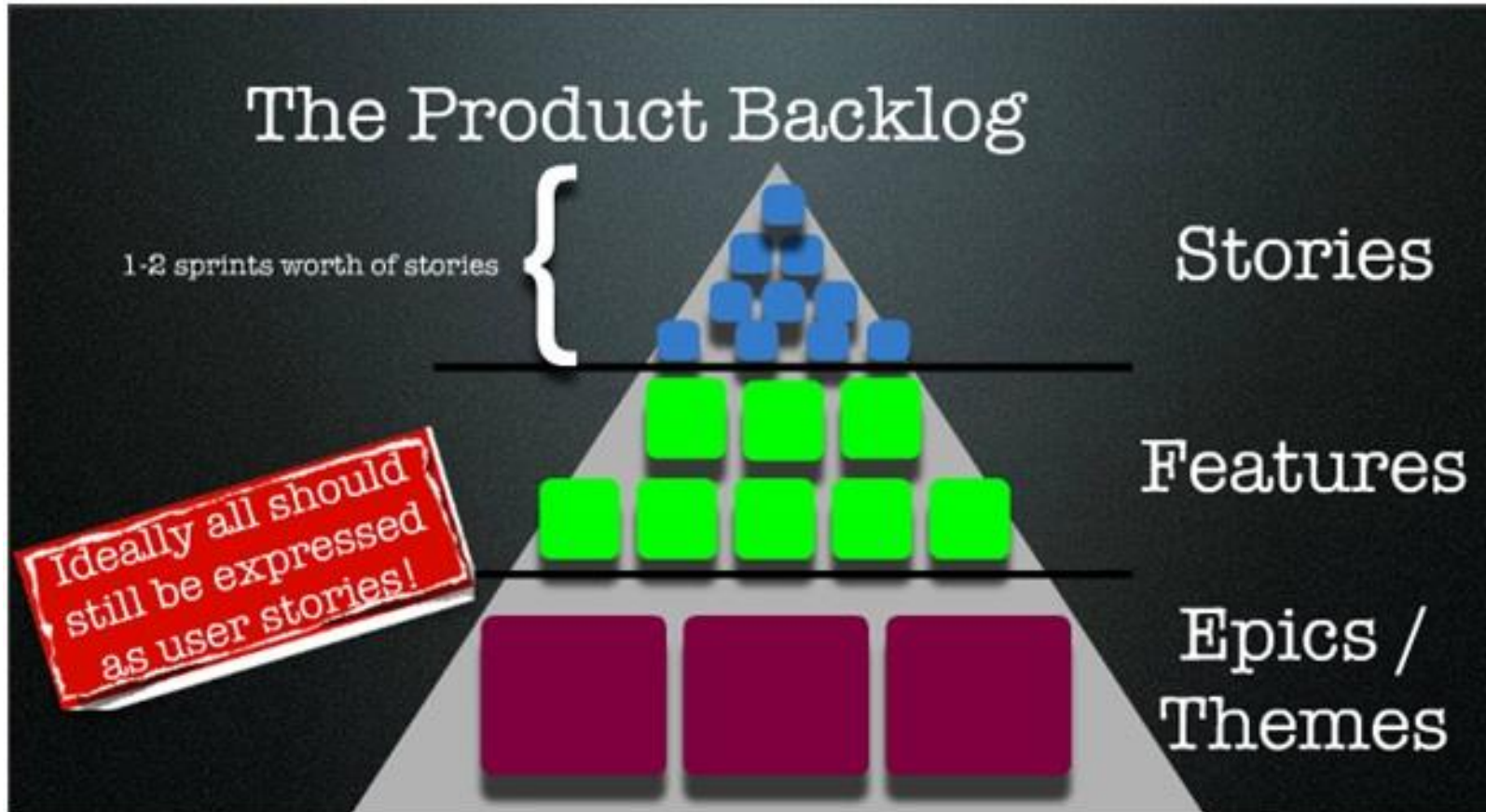


JIRA – Epics, Features, User stories, ...



- In JIRA, we use this terminology
- Features are the functional en non-functional requirements

JIRA – Epics, Features, User stories, ...



- For now: just know that this exists
- The moment of the PE, we will work Agile ...

Questions & Answers

