PXL – IT
42TIN1280 Software Analysis - Introduction

Week 02 – semester 01

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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

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

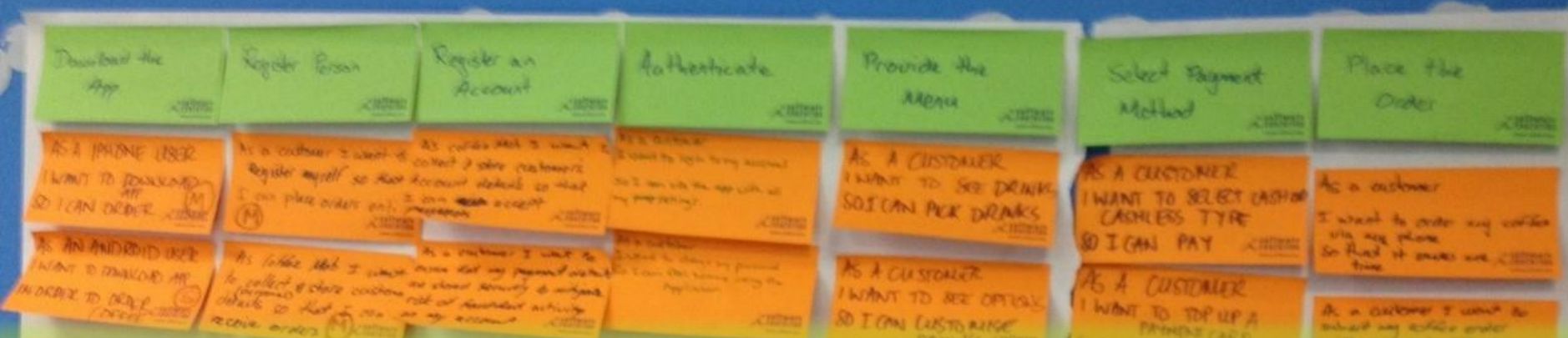M: a requirement shall be able to confirm when it has been met

A: a requirement shall be achievable/ technically feasible

R: a requirement shall be reasonable/ realistic

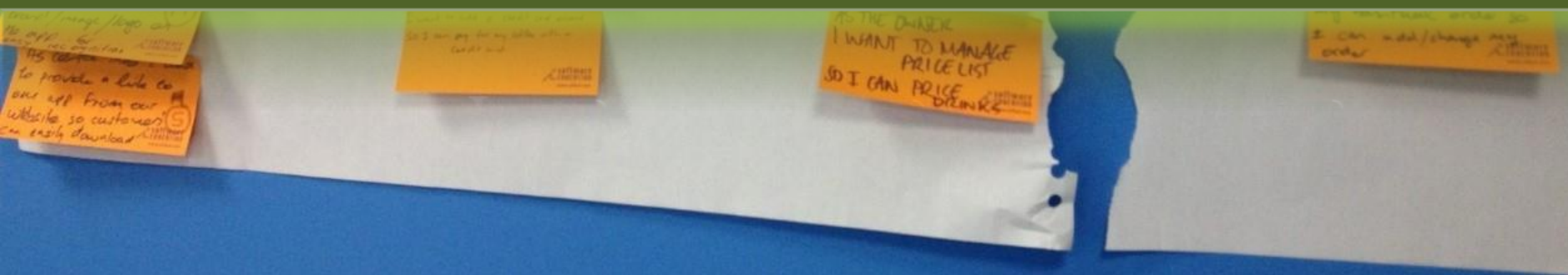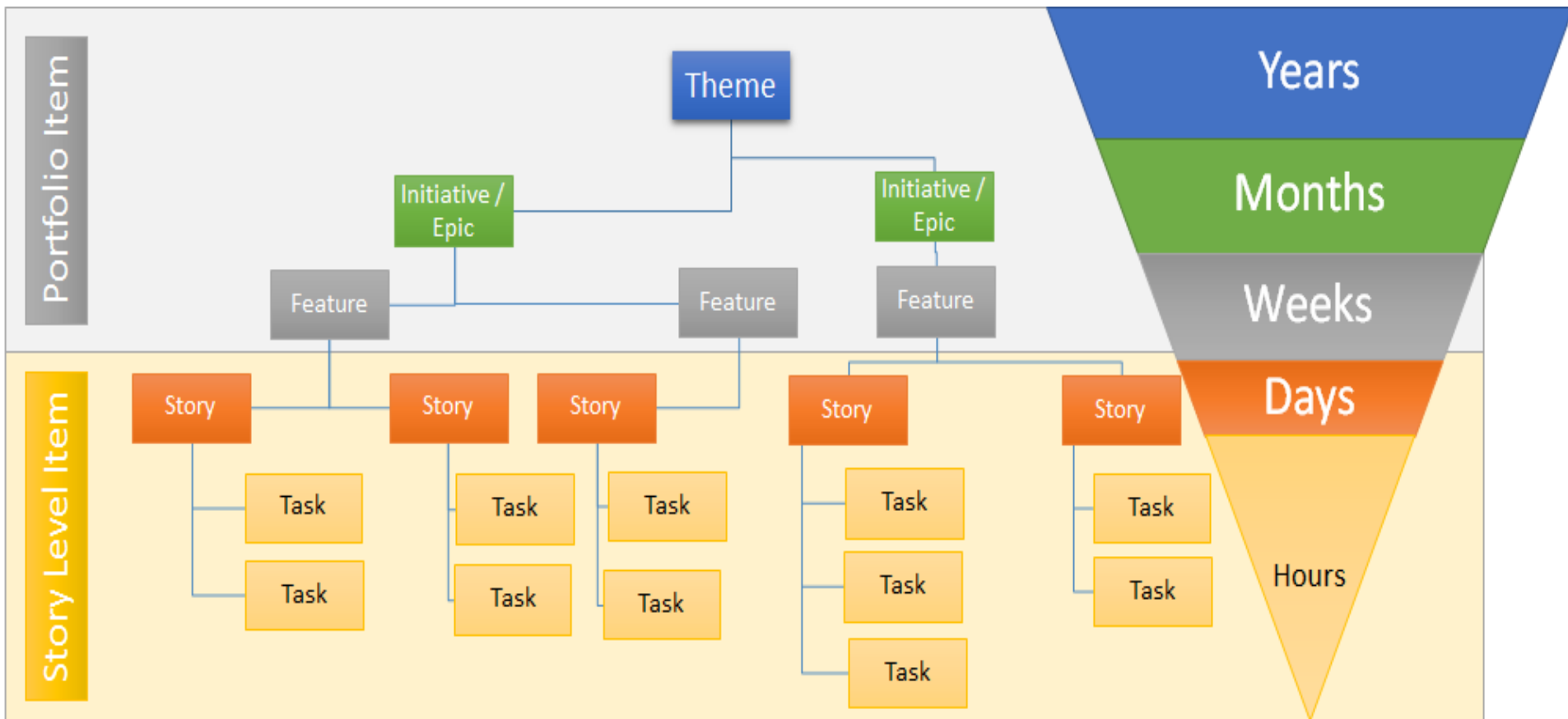T: a requirement shall be achievable within an acceptable timeframe
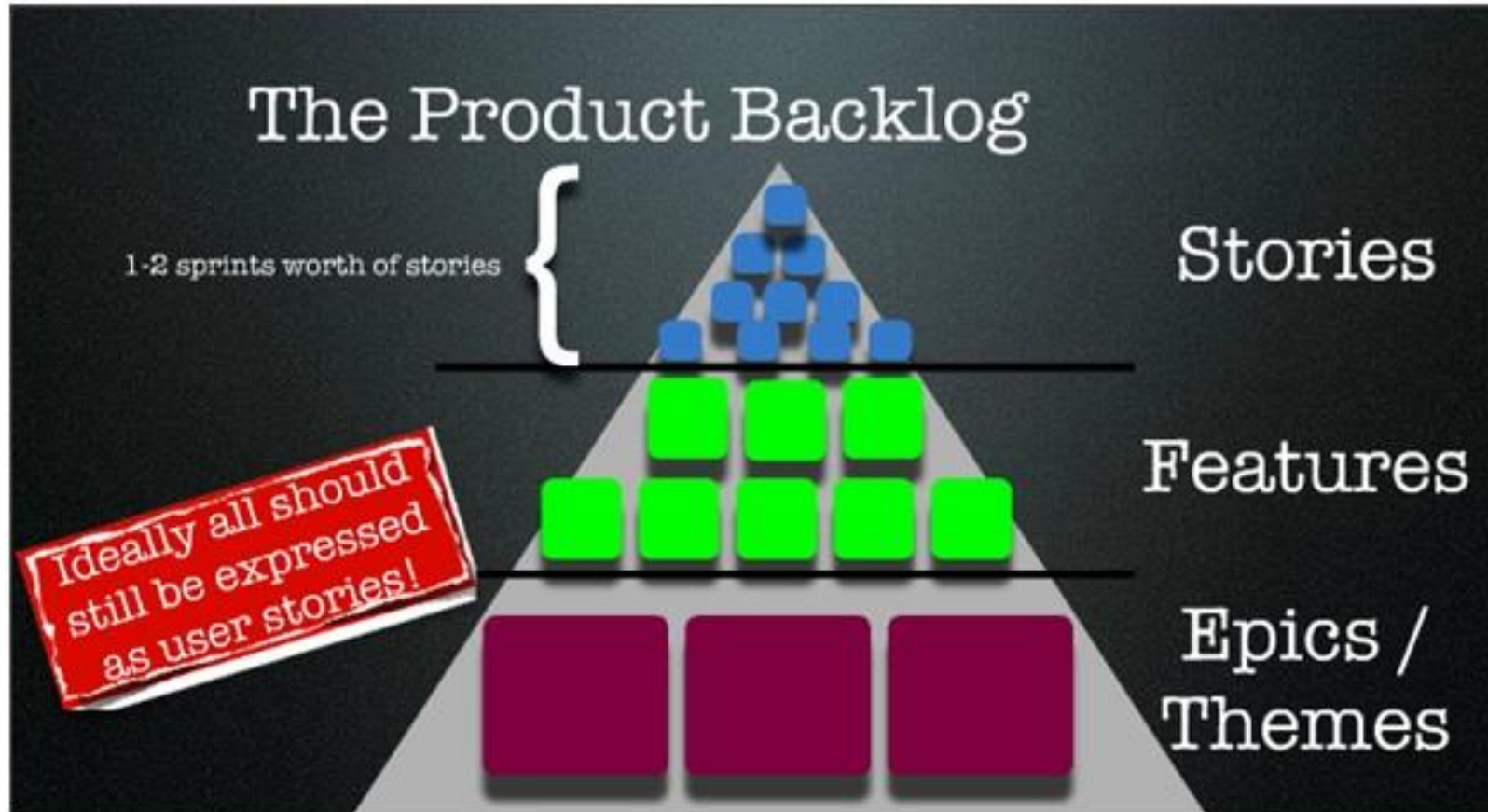
JIRA – Epics, Features, User stories, …

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- 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