SWINBURNE UNIVERSITY OF TECHNOLOGY

# SWE30010
# Development Project 2: Design, Planning and Management

Lecture 3a

Writing Goals and Objectives

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# Goals and Objectives – Usual Meanings

- Goal = something that you / the team want to achieve
- Objective (n.) = Goal
- Goal is more higher level, general, generic
- An “objective” is more lower level (relative) than a “goal”

- WHAT to achieve, not how

# Goals and Objectives (PM vs Scrum)

## Traditional PM view

- Goals = what the team wants to achieve via the entire project
- Objectives = lower level goals

## Scrum view (check Scrum wiki)

- Product Goals = what the team wants to achieve via Scrum
- Sprint goals = what the team wants to achieve in one sprint

# Writing Objectives – Be S.M.A.R.T.

- **S**pecific
- **M**easurable achievement
- **A**chievable
- **R**ealistic
- **T**ime terminated (bounded)

Ticketing system must allow passenger to enter platform within 2 seconds of presenting Myki

Enable all students to be able to submit special consideration requests on-line and receive outcome within 24 hours

I can climb to the summit of Mt Everest by 30/06/2017 **(?)**

Source: http://www.learnmarketing.net/smart.htm

General notion – not just for software

# Goals (Non S.M.A.R.T.)

- Usually high level stuff (e.g. for the entire project)

Example – Peer Review System (Trad. Project Goals)

- Allow students to submit their peer review online
- Improve the effectiveness of the peer review process
- Reduce the convenor's manual and, hence, error-prone processing of the peer review results

# Example – Peer Review System

## Sprint Backlog Items (Sprint #1)

[Assume only has two items]

1. Allow a student to submit his/her peer review assessment of another student via the online peer review form
2. Allow a convenor to configure the peer review form of a unit

## Sprint Goal (S.M.A.R.T.)

- After this sprint, the team should be able to integrate the following two features into the main system for actual use
  - Submit peer review assessment via online peer review form
  - Configure the peer review assessment form of a particular unit

Note: **Assume** these items are OK for now