Mark Tracker

# Business Context

What is the tool for? Who are the end users?

A tool that helps:

* keep track of marks for assessment tasks
* give an overall perspective on each assessment
* preserve feedback for each student who participated

The end users are ultimately teachers who are marking assessments, and wish to preserve this information electronically. They also wish to preserve feedback for individual students, so they can be relayed easily back to the student in the future (rather than needing to look through the student's answers every time and crafting feedback).

# Requirements

Core and optional? Future? VERY FAR into the future?

### Core requirements

* Creating data  
  Users are able to create assessments, components, groups, students, and SMI.
* Viewing data  
  Users can view an individual student's SMI for particular assessments and components.  
  Users can view a graphical distribution of marks for a particular assessment.
* Modifying data  
  Users can modify details:
  + Assignments: Due date
  + Component: Mark available
  + Group
  + Student
  + SMI

Ways to modify include: manual text edits, or importing files

* Removing data

### Optional requirements

* Users are able to attach specification documents detailing how Assignments are to be completed

### Future

* Make the tool into a web system, with two parts: a central repository of assessments, components etc that contains all the information, and a client-viewing side (the tool developed will be the prototype for this part).
  + This will also require a 'log-in' mechanism, so that each teacher has access to their own classes etc.
  + This also supports "sharing" of information (ie permissions) of which assignments are viewable / changeable by certain teachers.

### VERY FAR into the future

* Develop a compatible "collection" system, where students can collect their given marks. The end users will be the students themselves.

# GUI Design

Screenshots, flow between each screen

# System Design

High level system design (eg database or not?). UML Design: classes for each terminology.

Technologies that will be used for implementation

# Testing

# Terminologies

Terminologies

* **Assessment**: An assessment task. It could be a quiz, or an assignment, or something else. It should be able to be split into components. Contains important information such as due date, weighting,
* **Component**: Individual parts of an assessment that are worth marks. Differ based on the assessment type in real life. For quizzes or tests, a component is a question. For assignments, a component is a task / deliverable.
* **Group**: A collection of students. In real life, this could be a class or a team. Associated with an assessment.
* **Student**: An entity who is being marked, and is associated with a group. They may also have various SMI's. Information held: name, ID
* **SMI**: Student Mark Information. Contains a student's mark and feedback.

# Questions

Feature requests:

* Feedback not ONLY for the student, but for the assessment? For the component? For the group?