

Team Report

1 Introduction

Before designing the project we addressed the ambiguities in the specification. Many of these ambiguities were related to the student sign up and registration processes.

For example, in order to register a student for the next period of study, the teacher should "calculate the weighted mean grade" and then "determine whether a student may progress". The wording of these use cases certainly suggest that these tasks would be carried out by the teacher, not our system. However, we assumed that this was actually meant to be interpreted the other way, i.e. the system would calculate the weights, and be able to determine the students progression (otherwise why would the specification have given us grade boundaries and details on what type of mean was to be used?)

The sign up for modules was also open to interpretation. It was laid out that Registrars were able to add and drop modules on behalf of the student, whilst students were able to 'sign up' for a suitable number of modules. We interpreted teh

- 2 Use Case Diagram**
- 3 Class Diagram**
- 4 Database Design**
- 5 State Machine Diagram**
- 6 Features of the System**
- 7 Security Features**
- 8 Conclusion**