5.1 Functional Requirements

[This subsection should specify how the software product will react to every possible input situation. It describes all the actions that must take place in the software in response to every input. Pertinent changes in the environment are considered to be inputs.

Care must be taken to avoid dropping into design details. In the user cannot directly experience the effect of a requirement it probably crossed the line into design.

Functional requirements should be logically grouped. Each group should have a short, unique (within the SRS) abbreviation and a number. The word processing section number will probably change as the SRS is developed.

For each identified requirement an optional rationale for that requirement may be given.

Most modern software should provide at least a modicum of user help. For very complex applications in situ help may be supplemented by a user’s manual (or manual page) but for many simple applications comprehensive in situ help is sufficient.]

5.1.1 Reports (Re)

Re1: Student Weighting

Given indication of student weighting, Output a report that also shows the total number of students.

Re2: Section

Given data from each section, Output a report with relevant data within those sections.

Re3: Time Period

Given a time period, Output a report with relevant data within that time period inclusive.

Re4: Programs

Given a program or multiple programs, Output a report with relevant data within those programs.

Re5: Outcomes

Given an outcome or outcomes, Output a report with relevant data within those outcomes.

Re6: Graph options

Given a graphical option selected, Output the report on the corresponding option.

Rationale: A request was made for different graphs for tracking trends and making the information more visual.

Re7: Data Type

Given a selection of what report to make, Give the user report options for the report.

Rationale: There are other things that may be tracked in this program other than class outcomes. MAPP being an example.