

Team Enterprise



“学以思” (STT) 成绩考评系统

Student Course Grade Assessment System

Software Development Plan

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1 Logical Modules

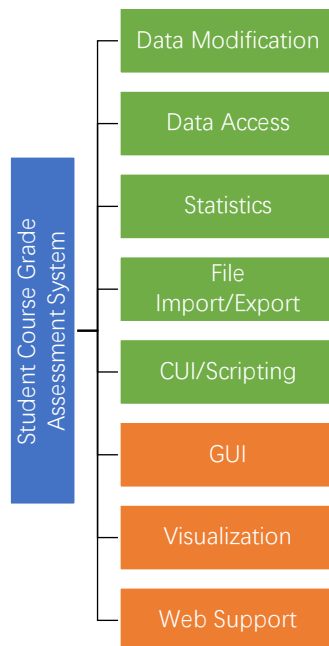


Figure 1 Logical Module Diagram

Figure 1 shows the planned modules of this software. Modules *Data Modification*, *Data Access*, *Statistics* and *File Import/Export* are categorized into *Stage One*, while modules *GUI*, *Visualization*, and *Web Support* are in *Stage Two*.

Modules are explained below:

Data Modification: Record modification for student data, scoring data, etc.

Data Access: Links to standard/external datasets.

Statistics: Calculations of statistic values, such as mean value and average value, etc.

File Import/Export: Import/Export from/to general formats, including JSON, CSV, etc.

CUI/Scripting: Console User Interface and a simple scripting system.

GUI: Basic graphical user interface (wrapper for the CUI).

Visualization: Creation of visualized data analysis.

Web Support: A Web interface of the system.

2 Development Schedule

Generally, we intend to implement all *Stage One* features before mid-term check; maintenance and improvement of *Stage One* (if needed), and the development of *Stage Two*, will be done before final exam.

Among *Stage One* modules, *Data Modification*, *Statistics* and *CUI/Scripting* are more important for the fundamental features of our software, so we will focus on them first. After they are finished (or almost finished), we will start working on other modules.