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Test Manager and Online Testing

I would like to propose a test managing software program for language instructors. Such a program would allow us to:

1. manage test items (We have created 7000 test items so far)
2. generate tests, and
3. deliver tests online

The scope of the project is flexible, depending on the challenges the students are seeking. The basic version would include the following functions:

1. Import question items from WORD documents into the data base
2. Edit question items in the data base (in English and Chinese)
3. Generate tests according to selected formulas (See factors in attachment)
4. Print out generated test for regular testing
5. Deliver tests online
6. Grade tests
7. Report test results
8. Provide practice tests according to student selected formulas

The deluxe version may include the following features:

1. Index characters based on the lessons when they first appear.
2. Index words based on the lessons when they first appear.
3. Flag characters and words that have not been introduced yet
4. Index grammar points based on the lessons when they first appear
5. Multimedia cues

Attachments:

1. Test Manager: factors
(http://www.cs.tufts.edu/~jas/courses/comp190/projects/Wang_factors.pdf)
2. Test Manager: Question Types
(http://www.cs.tufts.edu/~jas/courses/comp190/projects/Wang_QTypes.pdf)

Current data base include:

1. All characters arranged by lesson
2. All vocabulary items arranged by lesson
3. All sound files of vocabulary items arranged by lesson
4. All text files
5. 7000 test items

For more information, contact: Mingquan Wang at m.wang@tufts.edu or 617-627-2579.