

Kvizy: Everyone needs to begin

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1 Motivation

Not only teaching, but sometimes examining is also problematic. Kvizy is a simple program to support studying, teaching and examining. It aims at reducing the time spent in preparing an exam or a practice.

2 The program

2.1 Main idea

You can make through Internet a virtual test or exam with the aid of a math database. As a lecturer you may prepare a test and save it with its solution.

2.2 Functioning

The student access the homepage in which there is an automatically generated questionnaire with ten questions in a given topic. If you want you can solve this questionnaire and check immediately your knowledge. The teacher can generate new exams: you have to choose how many question do you want, how many answer possibilities will be available for each question (four by default), which is the category, what is the difficulty level of the questions, if you want you can give the age, too. You can save the questionnaire or print it. You can insert new questions and categories, or view them.

In the future, KVIZY will include a new module supporting teaching. In this part, you can teach step by step how to resolve an exercise.

BenefitsThe saved time when preparing the test materials may be used for other activities.

Using the questionnaires in KVIZY we you can check whether the level of our students is improving and get a more detailed knowledge about their skills. You can assess the difficulty of various topics.

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References

- [1] Sági Gábor: *Webes adatbáziskezelés PHP és MySQL használatával*, BBS-INFO, 2005
- [2] <http://php.sikerweb.hu/phptanfolyam/alapok>
- [3] <http://weblabor.hu/>
- [4] <http://php.sikerweb.hu/phptanfolyam/alapok>
- [5] Dr. Czeglédy István [et al.]: *Matematika tantárgypedagógia I-II.*, Főiskolai jegyzet, Calibra Kiadó, Budapest, 1994.