GenExis
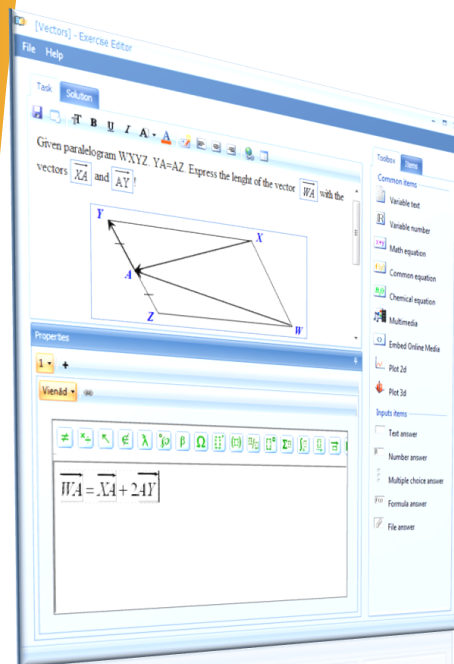
An e-learning system based on content generation engine that makes the learning process more effective, a lot more exciting and engaging!

Data Pro Grupa Ltd. (or Data Pro Group) has been working on developing new computerized learning system since 2006 and the initial idea of GenExis was to develop a learning platform for vocational education and training. Today GenExis can be used as a fully online distance learning solution in any educational organization and for any subject. GenExis is an e-learning tool specially developed to give teachers a power of modern software applications to create interesting content, to share it with other teachers and to educate their students in a manner that corresponds the modern internet-saturated life.

The unique feature of GenExis is the content generation principle that is incorporated into the exercise editor. It allows to create one exercise template which replaces 10 or more exercises from the textbooks. Moreover the quick and easy content editor provides teachers with an opportunity to create not only exercises but also theoretical materials and tests – all in one place and all easily accessible for students through web.

GENEXIS FUNCTIONALITY

Simple content editor

GenExis gives an opportunity to input theoretical materials as well as exercise templates into the system. Exercise templates can contain multiple variable components that ensure random exercise generation. As a result each student can receive individualized tasks for their practical activities. Moreover exercise content can be compiled from text, numbers, formulas as well as local or embedded images, audio or video materials.

Database of educational content

As we have established before, users can create their own content in GenExis. This provides an educational organization with an opportunity to accumulate theoretical and practical learning materials for one or more courses, and alter or improve them when needed. Users can also share their content with others. In that case reference to the author is always retained.

Combined e-learning courses

Users can create an online study course combining already existing public content in the GenExis system with the content they have created themselves.

Flexible learning and training process

GenExis provides an opportunity to ensure effective learning and training process anywhere and any time. All that teachers have to do is ensure their students have access to the GenExis web portal. Whenever students log in online they can see and complete their tasks on the web. Afterwards teachers can check their answers and see the overall results.

DataPro
G R O U P

GENEXIS
education

GENEXIS APPLICATION

In mainstream & private schools – GENEXIS is a great supplementary aid for every-day studies at school. It's unique content generation engine allows to create endless variations of home-works, tests or exams in no time. Using GenExis teachers can make well-structured tests to be completed online or on paper as well as retrieve their solutions for fast and easy result checkups.

In vocational education & training – GenExis can be used not only as a tool for assessing the knowledge level of the students throughout the training process but also as a tool for providing interactive and practical situation based exercises and tasks – a good addition to everyday studies. Using exercise editor teachers can adapt the mainstream educational content to the specific needs of their vocational study course. GenExis can also be of great aid when revising long forgotten study subjects.

In universities & other higher educational institutions – GENEXIS can be of great help when saving professors time and resources. If once in a while lectures or practical works were replaced with distance training through GENEXIS, it would only make the study process more interesting. Besides the unique option to get instant results can make knowledge assessment for new applicants with standardized tests a lot faster and simpler.

For course providers – GENEXIS is an easy way to make any course available online and that means available for a lot more students than before. Time and place will not be an issue anymore because there will be one place for all the training, testing and consulting that's needed for successful completion of study course.

Vocational education & training

Universities and other higher educational institutions

GENEXIS
education

Mainstream & private schools

Course providers

Private teachers and parents

Special needs education
(VIZILEARNING)

Fig.1 GenExis user groups

Data Pro Grupa Ltd.

Education and Culture DG
Lifelong Learning Programme

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