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Simple Examiner – Web-based Tool for Testing Developed at the Faculty of Horticulture and Landscape Engineering, Slovak Agricultural University in Nitra.

On the basis of requirements from co-workers of the Faculty of Landscape Engineering, Slovak Agricultural University in Nitra the Simple Examiner – web-based tool for testing has been developed. The product has been developed with the RAD development for an academic environment using the Python based Z Object Programming Environment (ZOPE). Endowed with a powerful objects database (ZODB) Zope enables publishing of objects on the web. This application server ensures very clean separation of data, application and presentation layers and accompanies it with a model. The Simple examiner is intended as a learning process support tool and can be described as random question sequences generator and validator.

The product is published on <http://www.fzki.uniag.sk/> which enables access for any internet user. Visible part of the product offers 7 links actually, part of which being accessible for anonymous user and part on the basis of login/password access. The Simple examiner offers generable tests together with correct answers with purpose of self-testing and generable tests for regular testing which are submitted and evaluation of test is obtained immediately. Extent of question database for self-testing is determined by teacher. Tests can be constructed with use of following types of questions – choice, ordering, assignment, and insert (for on-line testing), and general questions anticipating broader answer or description which are used in printed tests and are not evaluated automatically. Settings make product flexible enabling selection of sheets number, that of topics, number of topic questions, question point value, period of test availability, timeout period to ensure quick response and to make knowledge evaluation more reliable, setting of user menu, and number of persons tested. Question database is created with simple upload from any file containing structured text edited according to simple determined requirements. Advantage of the Simple Examiner is that it is user-friendly, flexible.