iKnow eAssessment Management System module

Goce Armenski

University "Ss. Cyril & Methodius"

Faculty of Science

Institute of Informatics

Introduction

- Assessment is a process in which examples of person's attitude are taken at particular time and they are evaluated.

- 'Technology-enhanced assessment' refers to the wide range of ways in which technology can be used to support assessment and feedback. It includes on-screen assessment, often called e-assessment.

Objective

- Enable management of course schedule
- Enable update of class activities, homework and project results
- Enable update of midterm and final exam results
- Enable evaluation of activities and assessment of knowledge
- Provide electronic access to academic results

Benefits

- immediate feedback to students,

- immediate feedback to staff,

- evaluation of a course's strengths and weaknesses,

- can be linked to other computer-based or online materials.

- remote access and choice of time and place of assessment

- Time saving?

Requirements

- Manage large number of candidate knowledge assessment details.

- maintain and exchange candidate's data with other systems or modules in an effective way

- View all the details of the students assessment history.

- Create the statistical reports.

Requirements

- Enable the candidates to take proactive role in the learning process by assessing their knowledge

- Provide the candidates with feedback which can be valuable for the learning process itself

Users

Administrator (ADM)	Manages all setup data
	Create and manage user accounts for user groups 2-7
	Create and manage courses, privileges and enrolment to those courses
University Administration (UA)	Views and analyse reports and data
	Analyses statuses and response times
	Analyses quality of service provided
	Views reports about FAQ
	Issues reports to the University management
	Issues reports to media / Ministry of Education
Faculty/Study programme Users	Create and manage courses
	Create and organize sections in every course
	Create and manage assessment questions and possible answers
	Views and analyze results
	Analyses learning statuses and response times
	Analyses quality of service provided
	Issues reports to the University management
Faculty/Study programme admission officer(s) (F/SP PAO)	Manages students enrolment in courses

Users

Ministry of Education (MoE)	View various statistical reports
State Statistical Office (SSO)	View various statistical reports
Student (S)	Take assessment, Learn online, Perform self-assessment, Check results, Change personal information, Communicate with other students

Core functions

- Creating / managing accounts
- Manage look-up tables
- Manage study programmes and prerequisites
- Manage courses
- Manage course structure
- Manage questions and answers

Core functions

- Create assessment strategies
- Provide reports about completed student activities
- Provide reports about successfully completed assessments
- Follow the quality of completed assessment
- Follow the quality of the questions in the system

Core functions

- Schedule assessment
- Apply for assessment
- Self-assessment
- Take assessment
- Provide access to assessment results
- Provide summary reports to University Management and Ministry of Education