iKnow - Innovation and Knowledge Management towards eStudent Information System

December 20, 2010, Stip

FON University – Student services information system

CURRENT activities – already started:

- To develop our own solution
  - Built on Microsoft .NET platform
  - Paperless features for almost all processes
  - Already developed Business analysis for Student services and financial dept.
  - Connection Student service – Financial dept. is important (internal e-banking)

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E-services of the new solution:

- Enrollment process
- Complete ECTS support
  - credits, supplement diploma, subject prerequisites etc.
  - Support for multi-modal ECTS
- Application for exam attendance based on all <u>configured</u> conditions
- Billing of all charges via single point, in cooperation with a bank
- Customized HR system for academic staff

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Typical Use-cases that will be covered

- Create study group;
- Change study program;
- Application for enrolling in a new semester;
- Election of courses in current semester;
- Issuing different types of certifications (regular student,…);
- Generate Report regarding some query (e.g. exams passed, average success);
- Define dependence among courses;
- Public defense of a diploma, master's and doctoral thesis;
- Accept money payments from students for different purposes;
- Assign the money for a specific purpose;

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What we expect from Tempus iKnow:

- We need a **solution that will be service-oriented**, so that it can communicate with our own Student information system.

- Also – the **solution should be modular**, so every business process should be separate Module.

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What we expect from Tempus iKnow:

Missing modules (can be obtained via Tempus iKnow):

- Module for study programs and schedule
- Student activities Module
- Class attendance control/ personal identification
- OLAP reporting module
- Integration with some LMS
- Europass CV, Erasmus, diploma supplement
- Module for quality of education (evaluation)
- Security issues for all modules