

Benefits and SWOT Analysis of iKnow eStudent Services System

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Goals of the software

Benefits

For the Students

For the Faculties

For the Universities

For the Society

For the Educational System

Strengths

Weaknesses

Opportunities

Threats

Goals of the software

Benefits

For the Students

- Handling affairs from distance
- Student File Center
- Financial clearance
- Reduced time and cost of activities
- Scheduling of lectures
- Mobility
- Diploma content
- E-ID
- Straightforward calculation of fees and expenses
- Europass CV
- One login for all services
- Reduction of paper work
- Focal point – the student
- Grades in index – just one example of optimization

For the Faculties

Reduction in administrative operations overhead

Reduction of paper work and manual manipulation

ICT based workflow management

Electronic version of student personal file

Various reports

Searches (basic and advanced) and graphs

Management Information System

Unified overall solution instead of various segmented applications

Focal point – student, Focal point – lecture, ...

Faster and cheaper communication channels

Reduction of professor's manual work

Average GPA Calculation

Human error reduction

Managing large number of student details

Controls in place

Seminar , Diploma, Master thesis process

Easy-going administration of semesters, programs

Integration and Administration of financial services

Import of candidate data from enrolment module and other systems

Record for the student praxis

Bulk notifications to students, staff

Administration of quotas and tuition prices

Administration of courses in programs,

Programs and Program revisions

Reduced time of activities

Professor's overview – increase in quality of tailoring the lectures

E-learning center

Serving Request diploma/diploma supplement/confirmation letters/certificate

Alumni site

Email interface

Library interface

Other interfaces

Human resources

For the Universities

Flexible definition of the content and rules of studying

Should cover all three cycles

Faculty-individual implementation

Integration of all necessary data from different sources

Step toward Integrated University

Connection to the University Library System (ULS) and to the course material provider

Administration of faculties

For the society

Reach to geographically scattered students.

Greener solution

Better benchmark in e-Government services

For the educational system

- Increase of the level of sophistication of student enrolment
- ECTS principles
- Paperless management of processes with severely reduced manpower
- Cost cutting
- Integration of all necessary data from different sources
- Integrated unity of the Faculties
- International connectivity and visibility
- Connection to the University Library
- LMS as a necessity
- Finance management systems
- E-mail systems
- Master book
- Administration and overseeing the student mobility
- Data archiving
- Master data
- Reports for MOE, SSO, internal and other external institutions
- System to support the strategic decisions on the side of the MoES and other institutions

Strengths

- Innovations and new functionalities
- Interface with other systems
- Interface to MoES
- XML Web Services to external systems
- Email interface
- Library interface
- Human resources
- Module for personal identification and access control
- Module for personal records of students, e-ID cards
- Module for presence monitoring and student activities
- Administration of faculties
- Import of candidate data from enrolment module
- Audit log
- Client-side validation
- Fast access to on-line, context dependent help
- Standalone or WEB application components

- Strong reporting system
- Rules of the business logic to be defined w/out changes to the app
- Additional web interfaces foreseen
- Secure authentication towards multiple heterogeneous resources
- Integration with the other internal systems – perspectives of the user data
- Controls in place
- Two-way actions student<>services
- Manual interventions by authorized users
- Validation
- Consistency
- Data formatting
- Authentication and identification
- Module for electronic payment and use of resources
- LMS
- Multilingual & Multicultural

Weaknesses

- Seminar thesis management possible duplication
- HR module partiality
- LMS partiality
- e-Mail handling

Opportunities

- LMS extension
- World libraries
- Price list revision
- State agency potential
- Secondary education to be hooked-up

Threats

- Implementation influence to the existing processes
- Job Description radical change
- Virtual communication will prevail
- Applicant unique history
- Upgrades
- Legal changes effects
- Fake accounts
- Lot of updating work for the professors
- Duplication of paper and electronic data for proof and legislative requirements
- Contingency planning
- Backup data size and process automatized or manual
- Human error risk
- Risk of privilege abuse of users
- When can complete reliance on the new system be expected
- Mentality shift

Thank you!