

WP1.4

Functional requirements

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WP1 - (DEV) eStudent Management System

- eEnrollment,
- eStudent activities,
- eStudent identification and accounting,
- **eStudent services and LMS access**

eStudent Services and LMS

- Objective
 - to design a web-based system that will support the university LMS
 - To enable easy and timely access to the
 - eStudent services
 - **social networking infrastructure**
 - **collaboration tools**
 - **library access.**
- Part of the LMS on the university level

Benefits

- The use of the central LMS on the University level will support one of the ECTS pillars by
 - providing the horizontal transition between the University faculties,
 - the students from different faculties could easily choose elective courses from the same University

Student's Data Base, Enrolment

UKIM,
LMS

PMF

Curriculum1

- Modul 1
 - Course1
 - Course 2 ..
- Modul 2 ...
 - Course1
 - Course 2 ..

Curriculum2 ...

FEIT

Curriculum1

- Modul 1
 - Course1
 - Course 2 ..
- Modul 2 ...
 - Course1
 - Course 2 ..

Curriculum2

Faculty 3

Curriculum1

- Modul 1
 - Course1
 - Course 2 ..
- Modul 2 ...
 - Course1
 - Course 2 ..

Curriculum2 ...

...4

eStudent services

Basic Functionalites

1	<p style="text-align: center;"> User-friendly, intuitive interface:</p>	Connection to the Main Student System interface
2		Multiple interface languages (eng/macedonian)
3		Integrated contextual help system; complete user and administrator manuals
4		Designation of Faculty /Curriculum (Modul)/ Course
5		Administration of users and user groups

6	<p style="text-align: center;">II Management of the organization:</p>	Management of resources
7		Management of Faculties (By names, levels, profiles, classes, subjects)
8		Management of curricula of faculties
9		Schedule creation and generation support
10		Scheduling (detailed schedule for each instructor/student) ??
11		Training results management – students' grades, results, activity
12		Interface Course management
13		WYSIWYG editor

14		Instant messaging (Chat)
15		Discussion forums associated with courses
16		Email notifications (copies of forum posts, teacher feedback etc can be mailed in HTML or plain text)
17		Content moderation
18		Fine-grained access control (Global forums, Course forum, Forum for areas of interest)
19		Forum Subscribe (A feature to allow users to subscribe to entire forums, and receive notice whenever a new message is posted to the forum)
20		Service to write mutual document within a given topic
21		Forum ratings
22		Automatic, customizable notifications
23		Miscellaneous reports
24		Ability to set up peer review between students for a course material
25		Built-in Rubrics
26	III Social networking, Collaboration tools	Group aware – small groups and other tools can interact (i.e. discussions)

27	IV Monitoring	Student tracking sub-system (monitoring of online student activity)
28		User's history
29		Course attendance report
30		Report of the course's history
31	V Configurable security policies	Function oriented and data-oriented security
32		Each role is a collection of accessible functions
33		Users and user groups
34		Different levels of access: create, read, update, delete, attend, administer
35		Time limit of who is online and idle
36		Account is valid: forever, registration date + time period

37	<p style="text-align: center;">VI</p> <p>Easy installation, backup, recovery and administration: Module Installer/Manage</p>	Graphical tools for common administrative tasks
38		Task scheduling (backup, patching, content import)
39		On-line technical support
40		Module Installer/Manager
41	<p style="text-align: center;">VII</p> <p>Electronic Library</p>	self access to publications
42		access to electronic publications
43		assistance and training to library users