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APPLICATIONS OF THE INFORMATIONAL AND STUDYING ENVIRONMENT IN A UNIVERSITY

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Introduction

Following reformation of university education, the mixed studying system is being actively implemented featuring the informational and studying environment deployment in the university education system.

Application of the informational and studying environment allows saving time drastically, updating the teaching materials and boosting the interest to studying.

Methodology

The site is created prior to the study start. A teacher teaching certain subject fills an empty site with resources: the course program, teaching materials, exercises and final tests to check knowledge. Then, the teacher teaches students using the filled site. Once studying is completed, the sites are sent to the archives. Before the next studying period start, the new active site is created for a subject through automatic restoring of the previous site and adding the new materials in line with the program. Thus, before each new period start, a teacher obtains an active site for a subject that is fully fit for studying the students.

Therefore, the process of forming the subject online resource may be split into two stages:

Stage 1 – initial creation of a website using the common template, the site filling and reassignment to the reference category as earmarked for the given subject. The site reassignment to the reference category is effected following the studying completion in the first semester groups studying the given subject. The very site's status is changed to the archive one, enabling to hide the same from the users, but preserving the same in the open condition to get updated by the teacher.

Stage 2 – creating subject sites using the reference subject sites that are created already.

Such technology enables accumulating and storing of the knowledge formed in the course of studying, consider the students' opinion to the maximal extent, continuously updating the teaching materials and keeping it up-to-date, improving the teaching methods, making such courses available for use by the other teachers.

The basic principles of this informational and studying environment are as follows:

- comprehensive approach to the teaching process management;
- using the electronic learning technology (e-learning);
- using the international standards;
- option of using all levels of teaching;

- work via the Internet.

According to V.M. Kukharenko, the following shall be the statutory elements in the structure of the created informational and studying environment:

- Foreword - the informational page of the course, presenting the course and available for everyone;
- Course Authors - provides information on the teachers, being available for all the interested persons
- Course Teacher - the page is available for all the interested persons
- Course News - the news page is available for everyone
- Course Program - the page hosts the course components, featuring the week by week work plan; the page is available for the course attending students only;

Results and discussion

The concept of academic knowledge management resting on the single informational and studying environment oriented at solving the problems of knowledge joint use in the interest of the university students and faculty. Implementation will secure solution of the following problems:

- information implementation, ranging from the concept and up to the software technical solutions follow-up;
- improving the knowledge storage and development technology;
- support to the academic work methodic support processes.

System implementation effects:

- reducing materially the teacher's time for the training course preparation;
- teaching materials are continuously updated and made available to the students in the up-to-date condition;
- the experience gained in the course of studying is retained and may be used at the following stage of studying both by the teacher himself through the stored materials relocation to the archive site and through placing the time-tested materials and methods at the subject reference site for the further use by the other teachers;

Conclusion

The interest to studying is boosted, the studying process becomes more creative and individual, improving the studying productivity.

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