ICZ

E-LEARNING

EDUCATION AND INFORMATION PORTAL, COURSES, TESTS

EMPLOYEE EDUCATION IS AN INSEPARABLE PART OF HUMAN RESOURCE ACTIVITIES WITHIN ANY ORGANIZATION. HUMAN RESOURCES DEVELOPMENT HELPS INCREASE COMPETITIVE ADVANTAGE AND WORK EFFICIENCY.

[E-LEARNING COURSES AND TRAINING]

Continuously accessible and easy-to-update information in electronic form is the foundation of e-learning. The professional methodological and technical processing of these materials and their supplementation with learning activities is a prerequisite for effective learning. E-learning support includes the individual teaching objects, such as images, animations, videos and other components, multimedia-based support for attendance presentation lectures and, last but not least, comprehensive e-learning courses including both motivation and evaluation elements.

[MOODLE - LMS (LEARNING MANAGEMENT SYSTEM]

Moodle - LMS is an affordable and certified open source learning system suitable for businesses, schools, offices and other organizations that want to use e-learning with a user-friendly and simple environment for employee or student education.
You can find over 30,000 installations of this system in over 200 countries.
The system has been localized to over 80 languages.

Every course in this system is a structured environment consisting of individual module instances such as forums, study materials, lectures, tests, dictionaries and more.
A large number of LMS basic installation modules along with an inexhaustible number of available third-party modules provide users with the possibility to easily create, assemble and maintain the learning contents (of both on-line courses and classic attendance teaching materials), including the preparation of various forms of tests directly via simple web-based interfaces.
Individual teaching courses are catalogued and sorted in hierarchical categories offering their users easy orientation and a consistent approach to course selection, registration and completion.
Courses can be created directly using LMS tools or imported as learning objects complying with common current standards such as SCORM, AICC and other less official formats.
The system includes rich tools for teaching activity management, monitoring and evaluation.
Moodle - LMS can be linked to existing information systems in the organization, both through batch update scripts and direct user authentication.

[LEARNING COURSES]

An e-learning system is usually used to maximize the efficiency of the learning process and, with an emphasis on cost savings, provides the following options:
▶ Implement „obligatory" periodic Fire Protection and Occupational Health and Safety training
▶ Implement periodic classified information protection training
▶ Implement training based on the organization's requirements and materials
▶ Import existing courses and training in the SCORM and AICC formats
▶ Employees can directly create contents in the Moodle environment

FEATURES AND BENEFITS

▶ Open source (GPL license)
▶ Support (forum, documentation, ...)
▶ Localization support
▶ User scalability from individual users to millions of users
▶ Web browser access
▶ Mobile device access
▶ E-learning integration into the customer's IT infrastructure
▶ Continuous development reflecting working requirements using the Internet and new knowledge about education
▶ Product flexibility and many extension options

[E-LEARNING]

[COURSE OPTIONS]

Courses can contain, besides learning materials (including multimedia data), links to external information sources. Courses can include tests with various types of questions (multiple choice, calculation, assignment, description and others). Upon fulfilling the test criteria a user can receive a certificate that they have successfully passed the course.

The system enables the implementation of additional activities:

- Poll
- Chat
- Database
- Survey
- Lecture
- Dictionary
- Test
- Task
- Wiki
- Workshop

[ACCESS MANAGEMENT]

Access to the System

Users can be created automatically based on authentication performed using LDAP, IMAP and POP3 protocols, or using an external database, in addition to user import from a file, manual creation of accounts and e-mail registration.

Users can also be batch-managed using internal Moodle tools, such as sending e-mails, deleting and adding to groups.

Access to Courses

A user must be registered in a course to participate. User registration for a course can be performed manually, from a CSV file, or using an e-mail invitation. Guest access, optionally password-protected, can also be implemented. It is also possible to use automated access to a course using LDAP, when a user is assigned a course according to optional parameters, e.g. group membership.

[SCALABILITY AND CONFIGURATION OPTIONS]

Moodle offers full adjustability of appearance and behaviour for various devices and access methods.

It also supports extensibility using native or existing modules (currently approximately 750 available expansion modules).

[ADMINISTRATION]

Moodle - LMS requires a database and a web server with PHP support. It is possible to use an open source solution such as Linux, Apache and MySQL for deployment. Implementation is also available for Microsoft platforms - MS Windows Server, 11S, and MS SQL Server. Hardware can run directly within the customer's infrastructure with full integration into monitoring systems.

Moodle administration allows you to assign different roles to users, create groups, and set privileges for the individual roles. You can fully configure and customize portal appearance. Individual course appearance can also be modified.

Reports and logs

Activity logs (security, operational and others) for the whole server are available, including reports for the individual courses (lists of users and their activities).

■ Moodle - sample portal

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