



PROBLEM

Our faculty collects various information reflecting abilities of its students like subjects they study or topics of their theses. When the school receives an offer for cooperation on some research or the teacher needs specific students for a project, he faces a problem of finding suitable candidates.

JACK'S FACTS

- Operating Systems - Subject
- Team Project - Project
- Microsoft .NET - Training
- Using XML in Web - Thesis

$$D = \frac{\text{CREDITS} * \text{DEGREE}}{\text{MARK}}$$

KEYWORDS

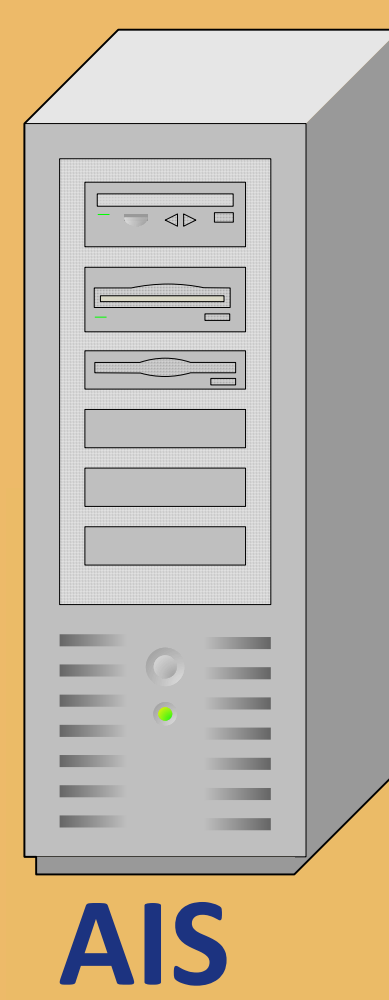
FACT TYPES

- School subject
- Training
- Project
- Publication
- Thesis
- Conference
- Paper
- Internship
- Certificate
- Competition

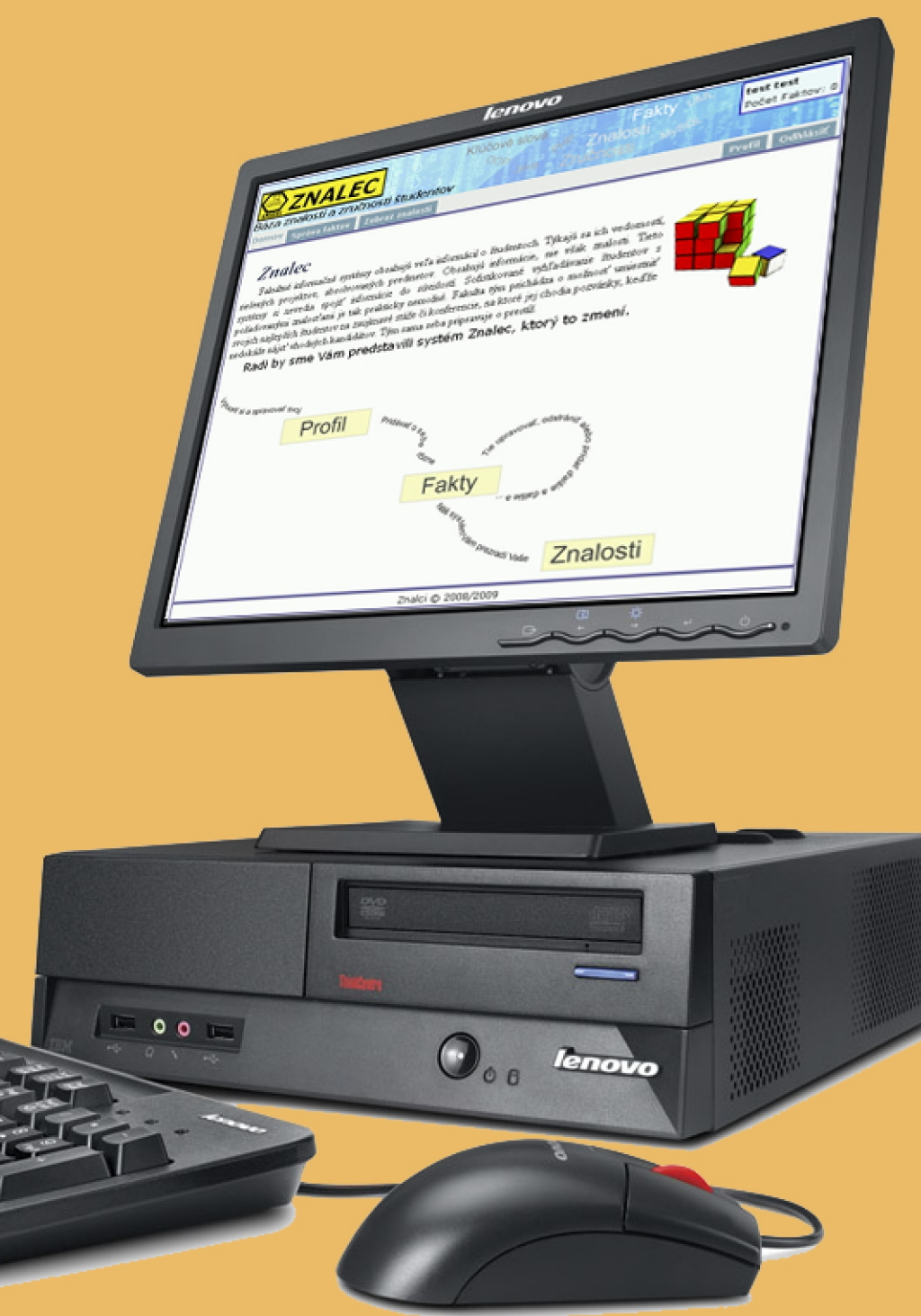
CSS
HTML
AJAX
Web 2.0
JAVA
Ruby
.NET
C#
XML
PHP
C++
MSO/W

TECHNOLOGIES

- Java EE
- DAO
- Hibernate
- Spring
- AJAX
- Apache Tomcat 6.0
- MySQL Server 5.1



AIS



FILTERS

$$S = \sum_{\text{FACTS}} \sum_{\text{KEYWORDS}} D_{\text{FACT}} * M_{\text{KEYWORD}}$$

ARCHITECTURE

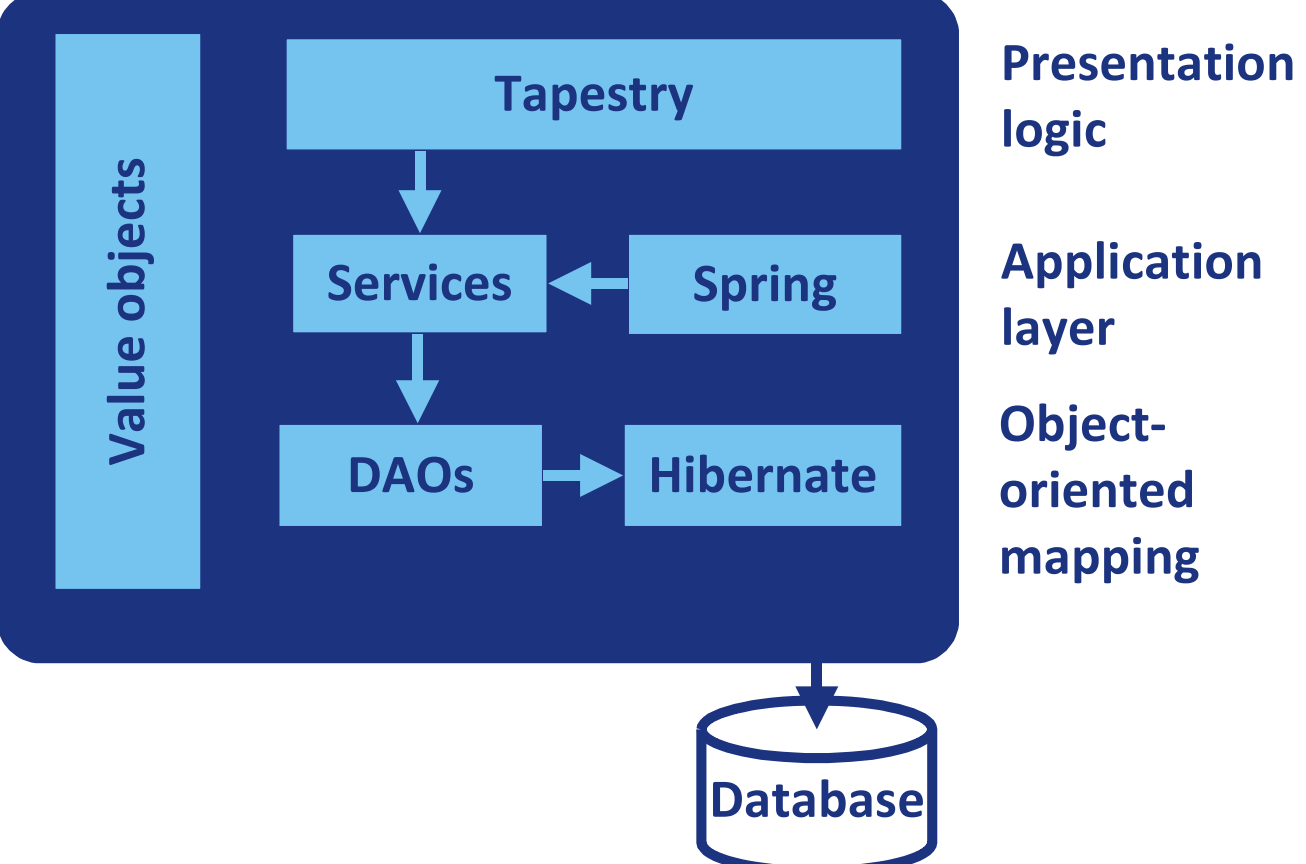
Client



HTTP protocol

Server

Servlet Container



ROLES

- Student
- Teacher
- Configurator
- Administrator

KNOWLEDGE

OOP Principles		Jack's Knowledge	
1. Jack	39.2	1. Databases	21.2
2. Dennis	37.3	2. OOP Principles	39.2
3. Jenny	36.6	3. Web 2.0	19.3
4. Gerard	31.7		
5. Christopher	29.4		

FEATURES

- configurable
- trustworthy
- web-driven
- using various data sources
- modular architecture