

Teaching Quality Analysis System for the University

Customer

The customer is University of Virginia (<http://virginia.edu/>).

Aim

The main aim was to develop a system for analyzing the quality of teaching at the university, which would allow accomplishing processing, comparing, and systematization of the information concerning the level of teaching, and the teachers.

Solution

The system is to have a general depository of all results of teacher's estimation, and be also available for adding and viewing the results from any computer (PC, Notebook, PDA, Smart Phone). Considering the abovementioned, it was decided to develop a system based on the client-server architecture principle.

The main instruments were:

- Linux.
- Apache.
- MySQL.
- PHP.

Flash was used for a dynamic and interactive graphics forming.

Basic functions

- Administrative section:
 - Teachers management.
 - Reports management.
- Creation of a new profile for a teacher.
- Comparing of teacher's work by the following criteria:
 - Relative to himself/ herself.
 - Relative to other teachers.
- Teacher's work quality charting:
 - Relative to himself/ herself.
 - Relative to other teachers.
- Charting if the detailed report on the quality of teaching:
 - The number of points gained at each of the evaluation categories.
 - Work analysis results charting.
- The possibility to print the results received from the teacher's work analysis.

Technologies

PHP, MySQL, Apache, JavaScript, Flash, XML, HTML

Product Title

Teaching Quality Analysis System

Project Capacity

4 man-months