



Comenius University in Bratislava  
Faculty of Mathematics, Physics and Informatics

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## THESIS ASSIGNMENT

**Name and Surname:** Bc. Tomáš Trunel  
**Study programme:** Applied Computer Science (Single degree study, master II. deg., full time form)  
**Field of Study:** Applied Informatics  
**Type of Thesis:** Diploma Thesis  
**Language of Thesis:** English  
**Secondary language:** Slovak

**Title:** Assignments Workflow in a Learning Management System  
**Aim:** To design and implement a complex module for assignments management in the courses.matfyz.sk learning management system.  
**Literature:** 1. Čulík, J. (2013) Integrovaný LMS systém. Bachelor thesis, Comenius University in Bratislava.  
2. Dougiamas, M., & Taylor, P. (2003). Moodle: Using learning communities to create an open source course management system. In World conference on educational multimedia, hypermedia and telecommunications.  
**Annotation:** Management of students' assignments in modern learning management systems brings nontrivial challenges that will be addressed by this work:  
- to effectively design and concisely implement the complex life cycle that the assignments and the related documents go through, including an iterative multiple round submission, peer reviews, instructor's evaluation, etc.  
- implementation of web based submission by placement of a document on some URL address, including a dedicated mirroring mechanism  
- team assignments, including team work support, and mutual peer feedback within teams

**Supervisor:** RNDr. Martin Homola, PhD.  
**Consultant:** doc. RNDr. Zuzana Kubincová, PhD.  
**Department:** FMFI.KAI - Department of Applied Informatics  
**Head of department:** prof. Ing. Igor Farkaš, Dr.  
**Assigned:** 15.04.2015  
**Approved:** 16.04.2015  
prof. RNDr. Ivan Kalaš, PhD.  
Guarantor of Study Programme

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Student

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Supervisor