DIPLOMA THESIS ASSIGNMENT

Student: Mikhail Sukhotin
Study programme: Open Informatics
Specialisation: Software Engineering

Title of Diploma Thesis: Mobile iOS application for a non-profit TV

Guidelines:
In cooperation with the producer and technician of the television station, write down the requirements for a web application. Analyze the requirements and propose their solution on the iOS platform. Describe the chosen technologies, discuss alternatives. Create a mobile application according to the requirements. Test the functionality of the application, use application prototypes for UI design. The functionality will include propagation of the project, possibility of financial donation, streaming of TV and audio content in multiple qualities including any necessary processing on the server, a map of points of interest linked with a server through a web service, and an administration interface for the server, and a Czech language quiz. The map function should be tested with data of realistic density.

Bibliography/Sources:

Diploma Thesis Supervisor: Ing. Tomáš Vondra

Valid until the end of the summer semester of academic year 2014/2015

L.S.

Head of Department

prof. Ing. Pavel Ripka, CSc.
Dean

Prague, February 19, 2014