REPUBLIC OF MACEDONIA
Ss. Cyril and Methodius University in Skopje
Faculty of Computer Science and Engineering

P.O. Box 393, 1000 Skopje; Tel: 02/30 88 255; www.finki.ukim.mk

Final project proposal

Type	Master
Title	***Affective analysis of user-generated text and speech***
Supervisor	Assistant Prof. DSc. Sonja Gievska
e-mail	sonja.gievska@finki.ukim.mk
Department / Group	
Institute of Intelligent Systems	
Topic(s)	
Affective interaction, emotion classification	
Project can start from	15 Nov 2014 – 15 March 2015
Project duration	4 months
Short description	
The aim of this project is to examine the ways in which intelligent technologies may facilitate detection of basic emotions through lexical text analyses or speech pattern and voice analysis as a basis for affective interaction design. The focus may be given to 1) an experimental study with a suitable dataset that explores the performance results of the proposed methods for affective analysis; and/or 2) a prototype multimodal application that leverages the collected knowledge about users' affective states to steer the interaction dialogue accordingly.	
Results and assessment	
A documentation written in a manner of technical report will be needed for completion of the project. The assessment will give special importance to the quality and research contributions of the proposed methods for affective analysis and the discussion and interpretation of the modeling and simulation results.	
Other (additional) information	