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

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Final project proposal

Type	Master
Title	*Modeling emotions using valuable features*
Supervisor	Nevena Ackovska
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Department / Group	
Intelligent systems	
Topic(s)	
Emotional robotics	
Project can start from	01.04.2014 or 01.10.2014
Project duration	4 months
Short description	
The goal of this research would be to investigate human emotion recognition. One task of this project would be to carry out a survey about emotions and recognizing emotions. The question of interest would be to summarize important features for a specific emotional category(ies) based on human emotion recognition and their interpretation by a robotic system. The features can include sound features, facial expression and other characteristic body movements. A model well backed up by a theory, based on the obtained results, should be done. Estimation of the model using numerical measures would grade the validity of the model. The students can use the Laboratory for Intelligent Robotics at Faculty of Computer Science and Engineering.	
Results and assessment	
A report about the selection of the survey questions should be written. Data analysis on the survey conducted should be carried out. Model and assessments for emotion recognition should be the outcome of the research. A robotics use in emotion recognition should be presented. A presentation of the research is expected at the end.	
Other (additional) information	
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