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	Undergraduate
Title	*Smartphone-based automatic license plate recognition*
Supervisor	Ph.D. Ivica Dimitrovski
e-mail	ivica.dimitrovski@finki.ukim.mk
Department / Group	
Software Engineering	
Topic(s)	
Image processing, Machine Vision, Machine Learning	
Project can start from	01.08.2014 – 30.11.2014
Project duration	4 months
Short description	
In this project a method for license plate detection in the presence of background objects such as trees and buildings will be implemented. The initial stages are edge-based methods that utilize a matched filter, while the subsequent false-positive rejection and region refinement stages rely on mean-shift segmentation for color-aided performance enhancement.	
Results and assessment	
The outcome of the project will be practical implementation/application, written report and presentation. The application is 40%, written report 30% and presentation 30% of the final grade.	
Other (additional) information	
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