



Final project proposal

Type	Master
Title	<i>Scalable concept image annotation</i>
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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	
<p>In this project, the objective is to develop systems that can easily change or scale the list of concepts used for image annotation. In other words, the list of concepts can also be considered to be an input to the system. Thus the system when given an input image and a list of concepts, its job is to give a score to each of the concepts in the list and decide how many of them assign as annotations. The training set does not include manually annotated concepts, only textual features obtained from the webpages where the images appeared. The use of additional language resources, such as language models, language detectors, stemmers, Wordnet, should be used to define the relevant visual concepts.</p>	
Results and assessment	
<p>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.</p>	
Other (additional) information	
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