



Final project proposal

Type	Undergraduate
Title	<i>Recognizing Hand Gestures With Microsoft's Kinect</i>
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Department / Group	
Software engineering	
Topic(s)	
Pattern recognition	
Project can start from	01.04.2014 – 01.03.2015
Project duration	4 months
Short description	
The goal of this project is to use the relatively cheap image and depth sensors found in Microsoft's Kinect to locate a hand in a sequence of images, correctly classify its state over time, and infer certain gestures that the hand might be making. Doing this will allow a user to perform gestures in front of the Kinect, and use such gestures as a method of user input.	
Results and assessment	
The final result from the project should be a written report on the methods that segment and recognize the user gestures. Also an implementation of these methods should be provided. This implementation will be tested and evaluated on existing database. The results from the testing and evaluation should be also reported and presented.	
Other (additional) information	