



Final project proposal

Type	Undergraduate
Title	<i>Face recognition for mobile phones</i>
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Department / Group	
Software Engineering	
Topic(s)	
Image processing, Machine Vision, Machine Learning	
Project can start from	01.04.2014 – 30.07.2014
Project duration	4 months
Short description	
<p>As mobile phones are becoming increasingly powerful, security of the data stored in mobile phones like email addresses, sensitive documents, etc., becomes very important. Most of the current phones have password protection to address security. However, a face recognition scheme is much more secure and flexible as it provides distinctive print to gain access and also the user need not remember passwords. The goal of this project is to implement a face recognition application on Android phone, which could be used to unlock the phone or authorize a transaction when the registered user is recognized.</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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