



Final project proposal

Type	Undergraduate
Title	<i>Simplified Chernoff faces for visualization statistical data on mobile devices</i>
Supervisor	Prof. dr. Suzana Loshkovska
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Department / Group	
Software Engineering	
Topic(s)	
Visualization	
Project can start from	01.04.2014 – 01.03.2015
Project duration	4 months
Short description	
<p>Chernoff faces are a type of glyph that attempts to combine multiple dimensions of data into a single symbol. With one record to a face, Chernoff faces are well suited to quickly grouping large numbers of records, especially when the data clusters in roughly equal sizes with few borderline cases. Good glyph design involves selecting each aspect carefully so that they all are available perceptively for pattern search. The aim of the project is to develop a tool for visualization of statistical data for mobile devices. Taking into account the mobile devices characteristics, the student should propose simplified glyphs for visualization.</p>	
Results and assessment	
<p>The result of the project will be prototype system for mobile devices. The student should write a report and prepare and give presentation.</p>	
Other (additional) information	