



## Final project proposal

<b>Type</b>	Undergraduate
<b>Title</b>	<i>Foursquare Data Visualization Layer</i>
<b>Supervisor</b>	Igor Mishkovski
<b>e-mail</b>	<a href="mailto:igor.mishkovski@finki.ukim.mk">igor.mishkovski@finki.ukim.mk</a>
<b>Department / Group</b>	
Institute for Information Systems and Network Technologies – FCSE	
<b>Topic(s)</b>	
Data Visualization	
<b>Project can start from</b>	01.10.2015
<b>Project duration</b>	4 months
<b>Short description</b>	
<p>The main objective is to create e mobile/web solutions as an additional visualization Foursquare layer. The layer will be represented using thermo map of all check-ins of the foursquare friends. The visualization should be done on 3-axis: time axis, category of the place and the category of Foursquare friends. The visualization could also include the rating of the places. In addition, the visualization should be done on a per friend basis, i.e. there will be additional map of mayor-ship in a given city. The application should be integrated with Facebook, Instagram and Twitter and should do sentiment analysis of the user comments for a given place.</p>	
<b>Results and assessment</b>	
<p>The project outcome will be a prototype application which will be evaluated by the supervisor using several parameters: 30% will be its functionality, 20% extensibility and scalability, 20% user interface, 20% documentation and 10% the presentation of the application functionalities.</p>	
<b>Other (additional) information</b>	