



Adaptive Data Visualizations FramEwork

<http://advise.cs.ucy.ac.cy>



University of Cyprus
Department of Computer Science

Meeting Number

2

MEETING MINUTES

Technical Meeting

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|--------------------------------|--|
| Date | 07/04/2017 |
| Time | 14:00- 16:00 |
| Location | Skype Meeting |
| Participating Partners On-site | <ul style="list-style-type: none">▪ Dr. Panagiotis Germanakos (UCY)▪ Georgia Kalli (UCY) |
| Participating Partners Remote | <ul style="list-style-type: none">▪ Dr. Panayiotis Andreou (UCLAN)▪ Dr. Constantinos Mourlas (NKUA) |

DESCRIPTION

Main aim of the skype meeting was to exchange knowledge on the first phase of the literature review and discuss in more detail the challenges regarding the deliverables D12 and D13. More specifically, we overviewed the various research directions of data visualizations and adaptive interactive systems and we decided our focus points. Given the lack of related work, that combines human factors in the user modeling of adaptive business data visualizations solutions, we decided to open up the related research to other domains and share success stories and best practices aiming at enriching our insights at a theoretical and technical level. We also agreed to perform a more in depth market analysis regarding the available data analytics and visualizations platforms and tools, highlighting their strengths and weaknesses. This would allow us to have a more holistic understanding on the users' roles, tasks, characteristics, algorithms and viewpoints framing the subject, so to undertake informed actions for the design and development of the human-centred user model in T3.3 and the ADVise components definition in WP4.

We discussed the necessity of starting the design and development of the dynamic part of the user modeling component; in regards to the cognitive aptitude tests extraction mechanisms and a usable interaction environment for the end-user. We emphasized on technical details regarding the tests integration and brought to the spot the paper and pencil FD-I test; we decided to prepare a digital version of it in order to enable a seamless interaction across all tests for the end-user, to have a wider reach of subjects and ease the data extraction and analysis of the results from the various user studies.

Finally, we spent some time setting the grounds and agreeing on the content for the first version of the ADVise Web-site.