General Information (Coordinator/Project Leader)

Project Title: Artisan software development for implementation of text visualization tools in real scenarios (practice research PhD)
Leader: Jaume Nualart Vilaplana
Start Date, End Date (if available):Oct 2013 – Nov 2015
RG/ BT: ????
Leading Lab: NICTA / CRL / MLRG

Research description – paragraph only, include any project risk management and potential ethical issues (explain methodology).
This research project is a creative production thesis and it is about practical and applied visual exploration of text collections. Practical because the main output of the research, the artifact, will be a number of software applications coded from scratch and published under free licenses. Applied because the goal of this project is to implement the developed tools in real scenarios and use them as in-production.
The field of research is the text visualisation and exploration digital tools, specially applied to collections of texts -for example: collections of journal papers,patents databases, etc.
The project aims to fill the gap between how useful and necessary seems data visualization tools nowadays, and how little are used in real cases.

The methodology of development is a customised tool design, accompanied by a strong personal relationship between the developer and the client. During the process client opinions will help to improve and detect possible problems during the development. Finally, right before to launch the application, a tool evaluation with users will be conducted. This test will be a qualitative one, giving some time to the user to get in contact with the tool and afterwards answering some qualitative questions about the usability od the tool. Also an optional personal opinion about the tool will be asked to the user. No personal data will be recorded, apart from the answers and age group.

Ethics Questions (answered by project leader)

1. Does the research involve human participation or data from humans? Yes
2. Are interviews, surveys or focus groups involved? Yes
3. Is there any psychological, physiological or medical testing involved? No
4. Does the research involve observing people? No
5. Will researchers have access to personal documents? No
6. Will there be collection or use of any body organs, tissues, fluids or exhaled breath? No
7. Will there be access to individually identifiable information as part of an existing source or database? No
8. Does the research involve animals? No
9. Will you access a Genetic Register and Associated Genetic Material? No

Process & Outcome

If all answers are marked No. The project risk is deemed *negligible* and no further assessment is required. *Negligible* risk is defined as no foreseeable risk of harm or discomfort, where any risk is no more than inconvenience. In this case, no further action is required.

If Question 8 or 9 is marked ‘Yes’ an ethics application must be submitted to an approved Ethics Committee.]

If one or more questions are marked ‘Yes’, the NICTA COO will review the level of risk.

1. *Negligible* risk is defined as no foreseeable risk of harm or discomfort, where any risk is no more than inconvenience. In this case, no further action is required.
2. If the risk, even if it is unlikely, is more than inconvenience then the research is not negligible risk. The delegate needs to further assess the risk informed by the *National Statement of Ethical Conduct in Human Research*. The assessment needs to be documented.
3. If the risk assigned is *low*, the delegate and project leader must document how the risk will be managed before the project can begin.
4. If the risk is assigned *medium/high* then the project leader must submit an ethics application to an Ethics Committee. Approval must be received before the project can begin.