

IAT804 Assignment 2: Short Paper Assessment

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ABSTRACT

The goal of this document is to identify and analyze the methodological approaches, research designs, data collection and analysis methods of [2] in less than 1600 words. It serves as a report for IAT804 course of SIAT SFU. *TODO: summarize all in here*

Author Keywords

Research Methodology; Research Designs; Assessment; HCI; Intuitive Interaction; Natural User Interfaces

WORLD-VIEW

The abstract of the document literally commences with a statement about addressing the issues and challenges of natural user interface designers. The positioning of these statements alongside the essence of conclusion section shows us that the authors are following a "Pragmatic World-view".

RESEARCH DESIGN AND METHODOLOGY

It is explicitly stated in the abstract that [2] uses an "Exploratory mixed method" research design. Reviewing the text also supports this claim about; they conduct a series quantitative experiments followed by different open-ended reviews and questionnaires. Their method of data collection is also a mixture of qualitative and quantitative methods. They are also both interested in answering the qualitative question of how to improve designers experience in natural user interfaces, as well as exploring the quantitative statistical comparisons of usability, intuitive interactions and awareness. Therefore we can safely conclude that this study is using a "Mixed method design" with an "Exploratory comparative methodology."

METHODOLOGY

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Abstract and Keywords

Every submission should begin with an abstract of about 150 words, followed by a set of Author Keywords and ACM Classification Keywords. The abstract and keywords should be placed in the left column of the first page under the left half of the title. The abstract should be a concise statement of the problem, approach, and conclusions of the work described. It should clearly state the paper's contribution to the field of HCI.

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Please use a 10-point Times New Roman or Times Roman font or, if this is unavailable, another proportional font with serifs, as close as possible in appearance to Times Roman 10-point. Other than Helvetica or Arial headings, please use sans-serif or non-proportional fonts only for special purposes, such as source code text.

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REFERENCES

- [1] John Creswell. 2018. *Research design : qualitative, quantitative, and mixed methods approaches*. SAGE Publications, Inc, Thousand Oaks, California.
- [2] Anna Macaranas, Alissa N. Antle, and Bernhard E. Riecke. 2015. What is Intuitive Interaction? Balancing

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