

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

It is explicitly stated in the abstract that [2] uses an "Exploratory Mixed Method" research design. Mixed method designs could have different types and variants, one of which is "Mixed Method Experimental (Intervention)"[1]. It involves the researcher collecting and analyzing both quantitative and qualitative data and integrating the information within an experiment or intervention trial. We can clearly see this pattern within this study. *The quantitative comparison of different designs RAMBLE RAMBLE.*

TYPESET TEXT

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Abstract and Keywords

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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

Users' Performance and Satisfaction with Natural User

Interfaces. *Interacting with Computers* 27, 3 (02 2015),
357–370. DOI:<http://dx.doi.org/10.1093/iwc/iwv003>