

‘The Potential of Interactive Digital Narratives. Agency and Multiple Perspectives in Last Hijack Interactive’

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Original paper:

The Potential of Interactive Digital Narratives. Agency and Multiple Perspectives in Last Hijack Interactive

Reference for the original paper:

van Enschoot R., Boogaard I., Koenitz H., Roth C. (2019) The Potential of Interactive Digital Narratives. Agency and Multiple Perspectives in Last Hijack Interactive. In: Cardona-Rivera R., Sullivan A., Young R. (eds) Interactive Storytelling. ICIDS 2019. Lecture Notes in Computer Science, vol 11869. Springer, Cham. https://doi-org.tilburguniversity.idm.oclc.org/10.1007/978-3-030-33894-7_17

Link to the original paper:

https://link-springer-com.tilburguniversity.idm.oclc.org/chapter/10.1007/978-3-030-33894-7_17

Project created for the class:

Visual Thinking and Composition, Winter 2020

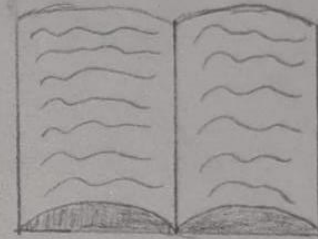
Tilburg University, Department of Communication and Cognition

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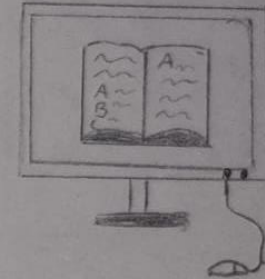
The Potential of Interactive Digital Narratives: Agency and Multiple Perspectives in Last Hijack Interactive



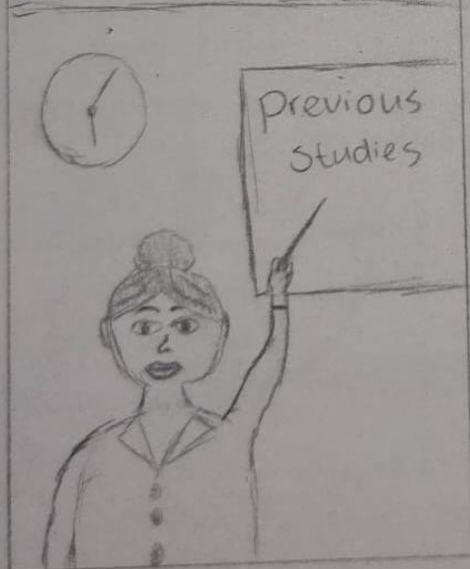
In order to understand and represent complex situations, we need to look beyond traditional, linear narratives. And instead look at interactive, digital narratives (IDN)



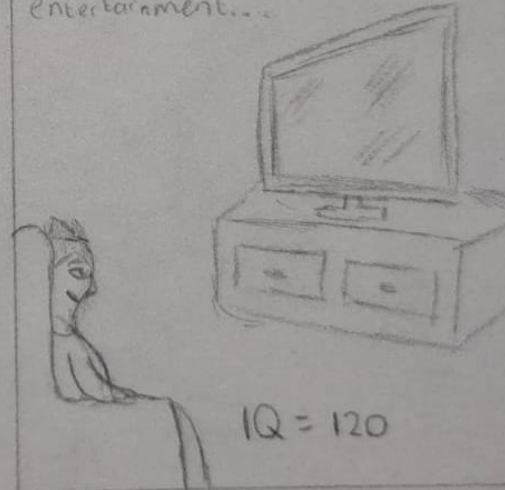
VS.



Previous studies has shown.....



that individuals with an higher cognitive capacity, felt more entertainment...

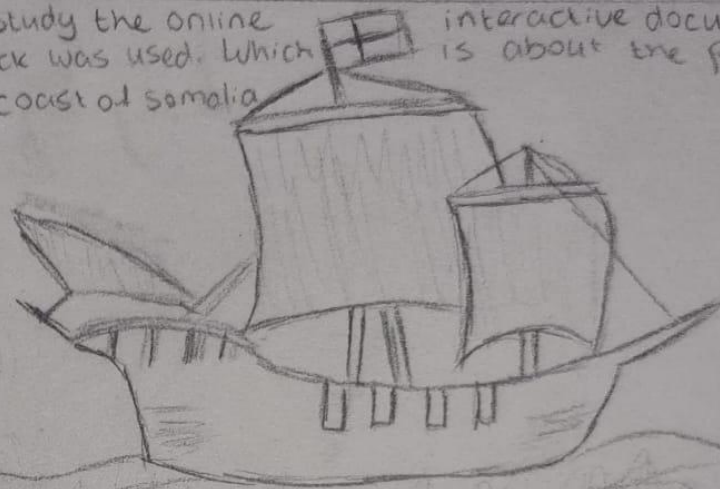


when they had influence on the storyplot (study by Vorderer et al.)



The LAST HIJACK

For this study the online last hijack was used. Which is about the piracy crisis off the coast of somalia



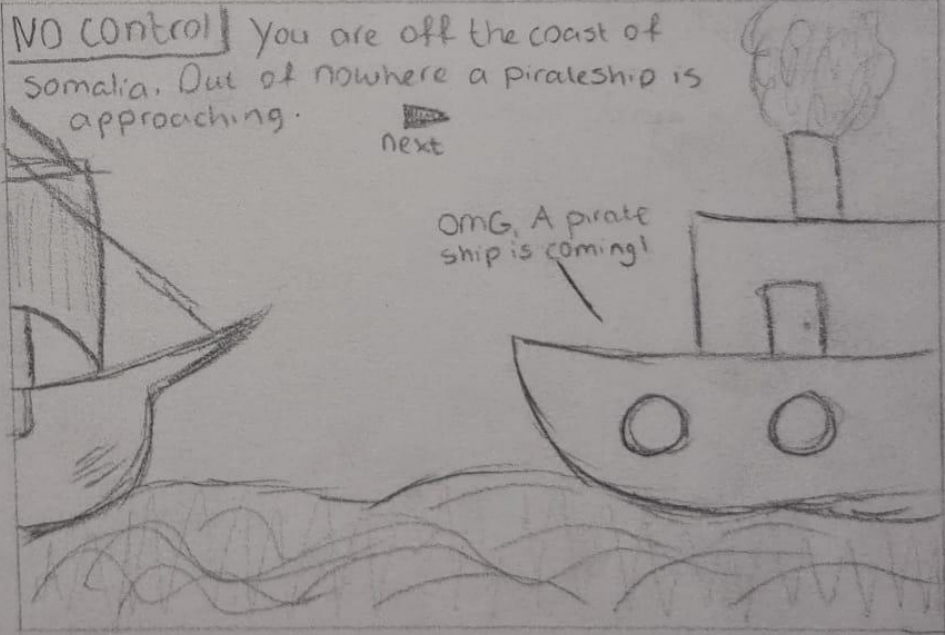
interactive documentary 'the piracy crisis'

HT: having agency to influence a narrative provides a higher degree of understanding of a complex situation than having no agency to influence a narrative.



NO CONTROL you are off the coast of somalia. Out of nowhere a pirateship is approaching.

next



OMG, A pirate ship is coming!

CONTROL | you are off the coast of somalia, out of nowhere a pirate ship is approaching. What do you do?

A. Try to escape
B. Call the coast guard

omg a pirate ship is coming!

A. you tried to escape but the pirate ship is faster

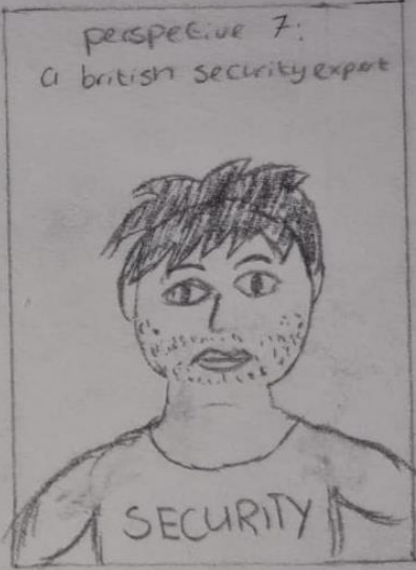
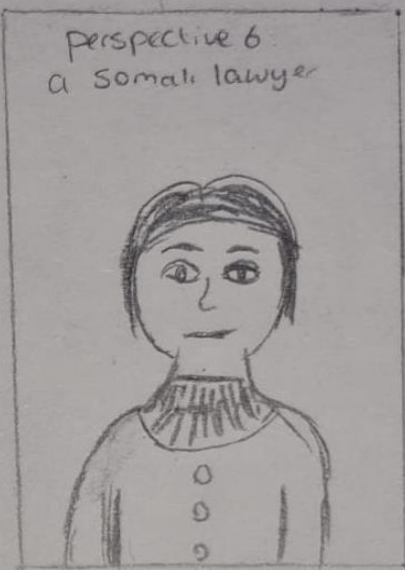
B. You reached the coast guard and they are coming!

H2: Multiple perspectives provide a higher degree of understanding of a complex situation than a single perspective

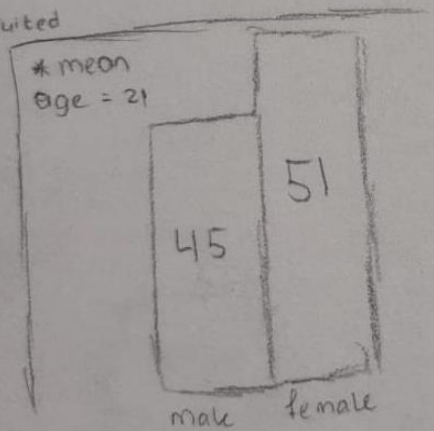
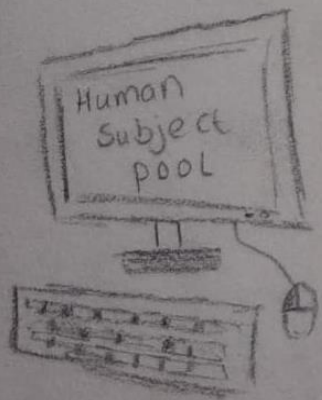
Perspective 1: pirate

Perspective 2: Captain

Perspective 3: ex-pirate



The participants were recruited via both convenience sampling and the Human Subject pool.



PARTICIPANTS

table 1
Different conditions of the last Hijack interactive documentary

Version	agency	Amount of perspectives
A	Extended	Multiple (captain, hijacker, Journalist, etc)
B	Limited	Multiple (hijacker, and captain)
C	None	Multiple (hijacker and captain)
D	None	Single (captain)
E	None	Single (hijacker)

Participants were randomly assigned to one of the five conditions

Nice! I can make my own choices



After experiencing the material, participants filled out a questionnaire

Questionnaire

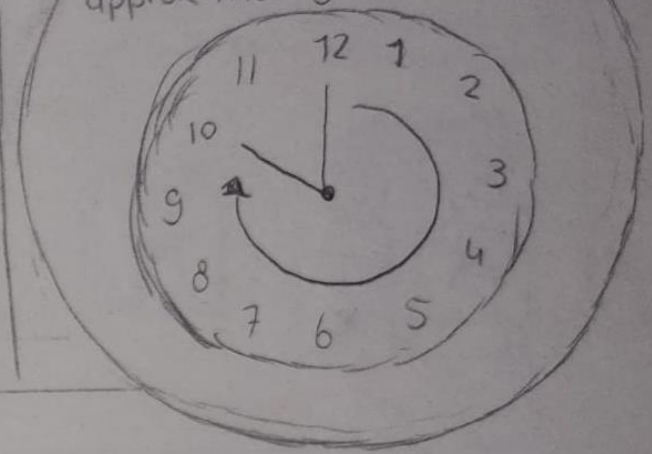
1 2 3 4 5 6 7
0 0 0 0 0 0 0

1 2 3 4 5 6 7
0 0 0 0 0 0 0

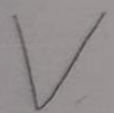
1 2 3 4 5 6 7
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1 2 3 4 5 6 7
0 0 0 0 0 0 0

The total duration of the experiment was approximately 50 minutes



Results



SPSS >

H1: agency lead to a higher degree of understanding but the difference was not significant

I had no control but I understood the story



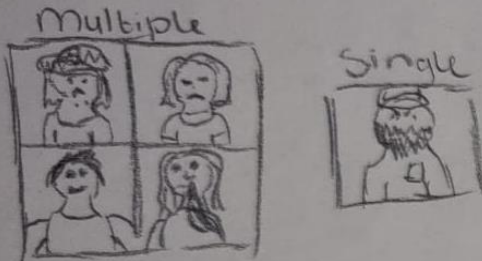
Oh! I did had control and I also understood it



possible explanation: giving novices an overly demanding task can overload the working memory



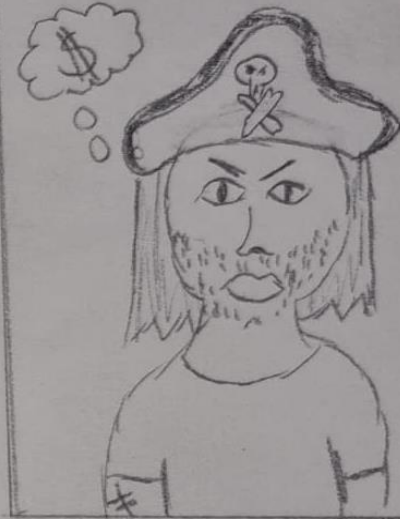
H2 was only partially supported.
The multiple perspectives did
score higher on understanding.



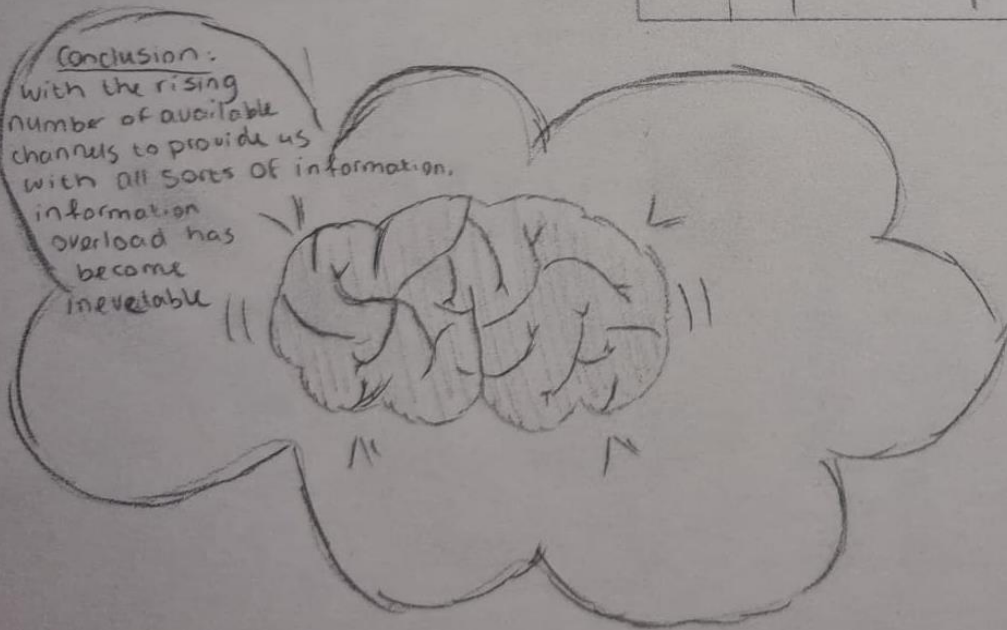
The captain's perspective
was rated more enjoyable
and created more curiosity



The hijacker was described
as a jerk motivated by the
lure of woman and money



Conclusion:
With the rising
number of available
channels to provide us
with all sorts of information,
information
overload has
become
inevitable



THE
END