

Plan Overview

A Data Management Plan created using DMPTool

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Title: THE INFORMATION OF THINGS: A STUDY ON THE POTENTIALS OF JOURNALISM WITH 5G TECHNOLOGY

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Template: Digital Curation Centre (português)

Project abstract:

This present research aims to understand how the immersion of technological innovations, such as IoT and 5G are impacting journalism. The methodologies used will be: bibliographic research, through theoretical review on the subject, and documental research, through the systematization of reference reports. At first, a bibliographic review will be carried out on Journalism in all Things (BARCELOS, 2020), and, secondly, a documentary research will be carried out, based on the reports of the Nieman Journalism Lab and the GSMA Mobile Economy Latin America, investigating what journalism projects for its future in the age of IoT and 5G technology. As a result of the research, it is expected to understand the possibilities and impacts that permeate the intricacies between journalism and technology.

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THE INFORMATION OF THINGS: A STUDY ON THE POTENTIALS OF JOURNALISM WITH 5G TECHNOLOGY

The methodological foundations that will support the research methodology will be Bibliographic Research and Documentary Research. The bibliographical research should be carried out around works and academic research sources that are related to the themes described in this project. Thus, among the works to be consulted are the studies by Ramón Salaverría and Marcelo Barcelos, which deal with similar ideas regarding the conceptualization and projections for the future of journalism in the context of 5G and IoT technology.

Thus, it is intended here, from the reading of the two authors, to establish an understanding of the technological impact on Journalism.

Documentary research will be a way of systematizing data and information, putting them in study conditions. The reports of the Nieman Journalism Lab and GSMA's Mobile Economy Latin America will be used as systematization tools.

Then, the selected reports will be systematized and as such reading is carried out, the insertion of 5G in the IoT scenario, and its implications on Journalism will be observed.

The reference literature will be systematized, by means of narrative review (literature search), based on a survey in the Web of Science database, in the period between 2018 and 2022. The choice of Web of Science is because it is a platform of international reference in the scientific environment and accessible through the Capes journals portal.

We will also make use of documentary research through the interpretation of the reports Nieman Journalism Lab and Mobile Economy Latin America GSMA, both available available online and free of charge.

Through the systematization of the information collected, potential scenarios and recurring trends of technological immersion in journalism will be understood throughout the study.

The data collected will deal with the current circumstances in which 5G is present in journalism and its diffusion capacity. The collection will be based on the information extracted from the documental research of the Nieman Journalism Lab and GSMA Latin America Mobile Economy reports, adding also the bibliographical research of the most recent publications by Salaverría and Barcelos. After reading the bibliography and the selected documents, the information will be organized in a first plan for the current configuration of Journalism and its transformations with technology, and in a second plan, perspectives for Journalism due to technological expansion. A interrelation of the materials read and analyzed will sustain an understanding of the potential and scenarios for Journalism to appropriate technology.

First the texts will be read, then summarized and understood in two factors: the potential of interactivity and ubiquity between the public and journalists through IoT; the

The potential for interactivity and ubiquity between the public and journalists through IoT, and the trends of increasing participation of society in journalism from 5G technology. After that, the data will be organized into chapters that will compose the final report, such as: IoT in times of 5G, perspectives for adaptation by Journalism and its relationship with the public; News with IoT with the public; IoT news, formats, and languages.

The metadata standard adopted in the platform of the Repository Repository of Unesp.

The project will be submitted to the Research Ethics Committee (CEP) of the School of Architecture, Arts, Communication and Design, Campus of Bauru, UNESP, identifying the number of the process, the Informed

Consent Form (TCLE) besides including the consent to use the data for the research in development.

The data collected will be owned by the researchers involved in the project, Juliano Maurício de Carvalho and Henrique Silva Afonso de Mendonça. Its access will be open to the entire academic community and civil society.

Storage via Google Drive, with institutional access at Unesp, and Backup on external HD.

Access to the data entered into Google Drive will be allowed to the researchers researchers involved by sharing the folder, using the Unesp's institutional domain "@unesp.br".

There is no data on long-term values.

To preserve the long-term data set, the data will be stored in in the Institutional Repository of Unesp.

Through the reports, participation in Congresses and production of scientific articles. The data will be shared in Unesp's Institutional Repository, access to which will be open.

Not.

Henrique Silva Afonso de Mendonça, data capture, metadata production quality of the data, storage and backup, archiving and data sharing.

Planned Research Outputs

Collection - "The information of things: a study on the potentials of journalism with 5G technology"

This present research aims to understand how the immersion of technological innovations, such as IoT and 5G are impacting journalism. The methodologies used will be: bibliographic research, through theoretical review on the subject, and documental research, through the systematization of reference reports. At first, a bibliographic review will be carried out on Journalism in all Things (BARCELOS, 2020), and, secondly, a documentary research will be carried out, based on the reports of the Nieman Journalism Lab and the GSMA Mobile Economy Latin America, investigating what journalism projects for its future in the age of IoT and 5G technology. As a result of the research, it is expected to understand the possibilities and impacts that permeate the intricacies between journalism and technology.

Planned research output details

Title	Type	Anticipated release date	Initial access level	Intended repository(ies)	Anticipated file size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
The information of things: a study on the potentia ...	Collection	Unspecified	Open	None specified		None specified	None specified	No	No