Plan Overview

A Data Management Plan created using DMPTool-Stage

Title: Understanding and Designing Social Media for Civil Engagement

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Principal Investigator: Marie Campion

Data Manager: Marie Campion

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Understanding and Designing Social Media for Civil Engagement

Roles and responsibilities

The Data Management Plan should clearly articulate how the PI and co-PIs plan to manage and disseminate data generated by the project. The plan should outline the rights and obligations of all parties as to their roles and responsibilities in the management and retention of research data, and consider changes that would occur should a PI or co-PI leave the institution or project. Any costs should be explained in the Budget Justification pages.

Roles and Responsibilities:

Creator: Marie Campion

Affiliation: IIT Lewis College of Human Sciences

Responsibilities:

Creation of Data Management Plan for Libby Hemphill, Libby will be responsible for the Data Management Plan.

Adherence to this data management plan will be checked by the owner Libby Hemphill.

Currently the process in place for transferring the responsibility of the data is by means of creating a data management plan by the team and when this is complete the entire responsibility will be with the Library and Institutional Repository.

Types of data

The Data Management Plan should describe the types of data, samples, physical collections, software, curriculum materials, or other materials to be produced in the course of the project. It should then describe the expected types of data to be retained and shared, and the plans for doing so. The DMP should cover how data are to be managed and maintained during the project.

We hope to generate data and store in raw formats for example API, using the file formats JSON and CSVS. The Data will be collected via Social Media using Facebook, Instagram, and Twitter, Interviews, collecting interviews by post and interview onsite in the office. The Data generated during the course of the research will be how users leverage Social Media to influence public and social policy. We will capture the data by means of Twitter, Facebook and other social media sites. Any existing data will be used and the relationship between existing and new data is that it is all social media. All data will be preserved in the Institutional Repository and shared for future researchers. We will use software and hardware engineers to check the quality assurance and quality control of all the data we use.

Policies for access and sharing and appropriate protection and privacy

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The Data Management Plan should describe the period of time the data will be retained and shared; factors that limit the ability to manage and share data, e.g., legal and ethical restrictions on access to human subjects data; and provisions for appropriate protection of privacy, confidentiality, security, and intellectual property.

The long-term strategy for maintaining, curating and archiving the data is by placing it in the Institutional Repository in Michigan as requested by the owner Associate Professor Libby Hemphill. For preservation and backup purposes we will use version control GIT SCSI and Libby Hemphill will be responsible for it. It is envisaged that the data will be kept during and beyond the lifecycle of the CASM project. It is on this basis that the data will be made available for reuse and it will be stored long term in the Cloud. On completion of this plan and when full public access is granted for use by the NSF, Libby Hemphill will be the sole person responsible for the implementation and the upkeep of this plan. It is also recommended that the project will be available on the Open Community Data Exchange (OCDX) which is an online community support and an open standard for describing data about online communities, as well as the support tools and workflow patterns for researchers and data providers to share their datasets with the wider community. Any sensitive items of a sensitive nature has been protected by means of an anominisation tool. The adherence to this data management plan will be checked and demonstrated by Libby Hemphill and her lab in accordance with the rules provided by the NSF.

Data storage and preservation of access

The Data Management Plan should describe the mechanisms and formats for storing data and making them accessible to others, which may include third party facilities and repositories; and other types of information that would be maintained and shared regarding data, e.g. the means by which it was generated, detailed analytical and procedural information required to reproduce experimental results, and other metadata.

The long-term strategy for maintaining, curating and archiving the data is by placing it in the Institutional Repository in Michigan as requested by the owner Associate Professor Libby Hemphill. For preservation and backup purposes we will use version control GIT SCSI and Libby Hemphill will be responsible for it. It is envisaged that the data will be kept during and beyond the lifecycle of the CASM project. It is on this basis that the data will be made available for reuse and it will be stored long term in the Cloud. On completion of this plan and when full public access is granted for use by the NSF, Libby Hemphill will be the sole person responsible for the implementation and the upkeep of this plan. The adherence to this data management plan will be checked and demonstrated by Libby Hemphill and her lab in accordance with the rules provided by the NSF.

Additional possible data management requirements

Note that individual solicitations may have additional data management plan requirements. If guidance specific to the program is not available, then the requirements established in the Grant Proposal Guide apply.

In addition to the Data Management Plan for Libby Hemphill we have also requested a budget from the National Science Foundation to maintain and store this plan. Once the budget is allocated it is envisaged that this plan will be implemented and remain in the Institutional Repository in Michigan to be managed by Libby Hemphill.