DATA MANAGEMENT PLAN

# 1. Data description and collection or re-use of existing data

## How will new data be collected or produced and/or how will existing data be re-used?

The research is fully anonymous - no personal data is collected.

• QUALITATIVE RESEARCH Methods: (i) online focus groups, (n=50; waves with players who frequently buy loot boxes) (ii) in-depth online interviews (n= (iii) netnography - until data saturation - approximately 40- hours - online participant observation II. QUANTITATIVE RESEARCH.

Method: panel survey - conducted on a panel of a research agency III. EXPERIMENTAL RESEARCH.

Method: experimental online survey.

The following professional software will be used during the data analysis phase: IBM SPSS Statistics Premium, MPlus and NVivo.

## What data (for example the types, formats, and volumes) will be collected or produced?

• QUALITATIVE RESEARCH: 1. Recordings of online interviews - mp3, mp4; 2. Recordings of online participant behaviour observations - mp4; 3. Transcriptions of qualitative interviews - doc; 4. Report - doc.

• QUANTITATIVE SURVEY: 1. Matrix with preliminary and main quantitative survey working data - xls; csv or sav; 2.

Data matrix with coded responses from preliminary and main quantitative survey - xls; csv or sav; 3. Files with aggregated results from analysis of quantitative data from main survey - xls, csv, sav; 4. Report - doc.

• EXPERIMENTAL STUDY (QUANTITATIVE): 1. Matrix with preliminary data from pre-test and main quantitative survey - xls; csv or sav; 2. Data matrix with coded responses from pre-test and main quantitative survey - xls; csv or sav; 3. Files with aggregated results from analysis of quantitative data from main survey - xls, csv, sav; 4. Report - doc.

• Dokumentacja i jakość danych.

# 2. Documentation and data quality

## What metadata and documentation (for example methodology or data collection and way of organising data) will accompany data?

Data from the different phases presented in the detailed description of the study (phases I-III) will be grouped and stored in separate folders: QUALITATIVE STUDY; QUANTITATIVE STUDY; EXPERIMENTAL STUDY. In addition, subfolders will be created for the QUALITATIVE STUDY: FOCUS GROUPS; IDI; NETNOGRAPHY.

The metadata should include: Title of the project carried out (Loot boxes in video games: understanding, impact, and regulation) No. of the project carried out and names of the project team: Brzozowska-Woś, Magdalena; Schivinski, Bruno; Gołąb-Andrzejak, Edyta.

Selected data generated from experiments will be deposited in the MOST Wiedzy Open Research Data Catalog (common name - Bridge of Data) – repository provided by the Gdańsk University of Technology - and described using attributes compatible with general metadata standards. Metadata descriptions will be stored in JSON-LD format and will include, whenever possible, Persistent Identifiers (PID), such as ORCID or GRID.

## What data quality control measures will be used?

The data collected in the process of each qualitative study will be controlled on an ongoing basis by the researcher, e. g.

# 3. Storage and backup during the research process

## How will data and metadata be stored and backed up during the research process?

During the project, data will be stored on the computers of the project research team (three copies in total):

Magdalena Brzozowska-Woś; Bruno Schivinski; Edyta Golab-Andrzejak. In addition, after the completion of each stage of the study, a backup copy will be created on an external drive held by the Project Manager.

## How will data security and protection of sensitive data be taken care of during the research?

There is no sensitive data in the project as no personal data is collected during the project - the research is fully anonymised. copies of data from each stage of the project ensure that it is protected from possible loss.

• Wymogi prawne, kodeks postępowania.

# 4. Legal requirements, codes of conduct

## If personal data are processed, how will compliance with legislation on personal data and on data security be ensured?

## How will other legal issues, such as intelectual property rights and ownership, be managed? What legislation is applicable?

The legal requirements related to the management and commercialisation of intellectual property are governed by the.

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• Udostępnianie i długotrwałe przechowywanie danych.

# 5. Data sharing and long-term preservation

## How and when will data be shared? Are there possible restrictions to data sharing or embargo reasons?

Data will be shared with the Gdansk University of Technology's repository: MOST Wiedzy Open Research Data Catalog (common name Bridge of Data).

Selected data will be shared when the article based on it is published.

## How will data for preservation be selected, and where will data be preserved long-term (for example a data repository or archive)?

repozytorium lub archiwum danych).

As far as long-term data storage is concerned, data shared on Bridge of Data will be stored indefinitely, while other data will be stored for years on a hard drive and made available upon request. The Bridge of Data is Core Trust Seal certified, which confirms the repository's trustworthiness and sustainability.

## What methods or software tools will be needed to access and use the data?

The data will be gathered and made available in file formats that can be processed by free or open-source software.

## How will the application of a unique and persistent identifier (such us a Digital Object Identifier (DOI)) to each data set be ensured?

The Bridge of Data provides each dataset a DOI identifier.

• Zadania związane z zarządzaniem danymi oraz zasoby.

# 6. Data management responsibilities and resources

## Who (for example role, position, and institution) will be responsible for data management (i.e the data steward)?

## What resources (for example financial and time) will be dedicated to data management and ensuring the data will be FAIR (Findable, Accessible, Interoperable, Re-usable)?