Plan Overview

A Data Management Plan created using DMPonline

Title: The Continuous Use of Mobile Payment in China and the USA: A Consumer Perspective

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Template: University of Manchester Generic Template

Project abstract:

The purpose of this project, based on the consumer perspective, is to identify an integrated model to explain the differences in the continuous use of mobile payment between Chinese and American users with a focus on the roles of trust and social influence, as well as the influence of the gamification of app. This projects used the mixed-method approach and include three journal format papers. Paper 1 conducts a qualitative study and aims to identify and propose the conceptual framework based on the literature review and the results of two focus group meetings. Paper 2 conducts an empirical analysis based on the proposed framework and aims to identify the significant factors and differences influencing the continuous use intention between these two countries. Paper 3 conducts another empirical study on the continuous use of mobile payment under the gamification context in China and aims to identify the antecedents of gamification and explain the influence of gamification through the flow theory. Findings of this paper contributes to the better understanding of consumers' technological acceptance and continuous use within the cross-border context.

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The Continuous Use of Mobile Payment in China and the USA: A Consumer Perspective

Manchester Data Management Outline

1. Is this project already funded?

- No

Will you be applying for funding from any of the following sources? If your funder isn't listed, please enter in the free text box provided.

None

3. Is The University of Manchester the lead institution for this project?

- Yes - only institution involved

4. What data will you use in this project (please select all that apply)?

- Acquire new data

5. Where will the data be stored and backed-up during the project lifetime?

- University of Manchester Research Data Storage Service (Isilon)

6. If you will be using Research Data Storage, how much storage will you require?

- 1 - 8 TB

7. If you have a contractual agreement with a 3rd party data provider will any of the data associated with this project be sourced from, processed or stored outside of the institutions and groups stated on your agreement?

- No

8. How long do you intend to keep your data for after the end of your project (in years)?

- 5 - 10 years

Questions about personal information

Personal information or personal data, the two terms are often used interchangeably, relates to identifiable living individuals. Special category personal data is more sensitive information such as medical records, ethnic background, religious beliefs, political opinions, sexual orientation and criminal convictions or offences information. If you are not using personal data then you can skip the rest of this section.

Please note that in line with data protection law (the General Data Protection Regulation and Data Protection Act 2018), personal information should only be stored in an identifiable form for as long as is necessary for the project; it should be pseudonymised (partially de-identified) and/or anonymised (completely de—identified) as soon as practically possible. You must obtain the appropriate ethical approval in order to use identifiable personal data.

9. What type of person identifying information will you be processing (please select all that apply)?

- Personal information
- Audio and/or video recordings

10. Please provide details of how you plan to store, protect and ensure confidentiality of the participants' information as stated in the question above.

I plan to store all the personal identifying information at the University of Manchester Research Data Storage Service (Isilon). I will create passwords for accessing to all the data files.

11. If you are storing personal information will you need to keep it beyond the end of the project?

- No

12. Sharing person identifiable information can present risks to participants' privacy, researchers and the institution. Will the participants' information (personal and/or sensitive) be shared with or accessed by anyone outside of the University of Manchester? This includes using 3rd party service providers such as cloud storage providers or survey platforms.

- Yes - Collaboration with other universities

The participants' information, including personal and/or sensitive data, will be shared with my SJTU supervisor Dr. Jifeng Luo.

13. If you will be sharing personal information outside of the University of Manchester will the individual or organisation you are sharing with be outside the EEA?

- Yes

Dr.Jifeng Luo is based in Shanghai China lecturing at the Shanghai Jiaotong University.

14. Are you planning to use the personal information for future purposes such as research?

- No

15. Who will act as the data custodian or information asset owner for this study?

Dr. Yu-Wang Chen

16. Please provide the date on which this plan was last reviewed (dd/mm/yyyy).

07/02/2022

Project details

What is the purpose of your research project?

This project posits on the consumer's perspective and aims to particularly focus on the continuous use stage of mobile payment adoption in China and the US, and it addressed the following research questions: What are the factors that significantly differentiate users' behavioral intention of continuously using the mobile payment services in China and the USA? How do trust and social influence impact the continuous use of mobile payment in China and the USA? How does the gamification of the app influence the continuous use of mobile payment?

What policies and guidelines on data management, data sharing, and data security are relevant to your research project?

I will follow the policies the guidelines on data management, data sharing, and data security relevant to my research set by the University of Manchester.

Responsibilities and Resources

Who will be responsible for data management?

Huiliang Wu

What resources will you require to deliver your plan?

Budget for staff time: GBP 300.-
Budget for preparing data for deposit and repository charges: GBP 200.-
Budget for relevant technical support and training: GBP 500.-

Data Collection

What data will you collect or create?

Qualitative data:
Audio record and transcript from interviews and focus group meetings.
Quantitative data:
Results from the online survey questionnaires with Surveymoneky.com and Questionnaire Star.
These data will be stored at the University of Manchester Research Data Storage Service (Isilon).

How will the data be collected or created?

Regarding the qualitative data: 4 focus group meetings with Chinese and American college students and managers will be organized, the audio record of the meeting will be transcribed; 4 interviews with mobile payment stakeholders will be respectively organized in China and the US.
Regarding the quantitive data: samples be collected through approximately 300 online survey questionnaires completed by Chinese and US mobile payment end-users via surveymonkey.com in the US and Questionnaire Star in China. The PI will be managing, controlling data collection and documenting under the guidance and supervision of the supervisors to ensure the consistency and quality of the data collection.

Documentation and Metadata

What documentation and metadata will accompany the data?

In terms of the documentation of the data, the interview and focus group meeting data will be transcribed in the format of word and pdf. The quantitative data, collected through online survey questionnaries, will be in "sav" format which shall be compatible for statistical analysis through SPSS, Smart PLS.

Ethics and Legal Compliance

How will you manage any ethical issues?

To avoid ethical issues with my research project, I will restrict the access to the stored data. Only the PI and the supervisors will get the full access to the data and the data will be soley stored by the PI. I will ensure anonymisation of data if necessary, comply and follow the ethical guidance of the University of Manchester.

How will you manage copyright and Intellectual Property Rights (IPR) issues?

The copyright and Intelectual Property Rights (IPR) of the data will be owned by the myself as the PI and my supervisors Dr. Yu-Wang Chen and Dr. Jifeng Luo.

Storage and backup

How will the data be stored and backed up?

The data will be stored and backed up every week at the University of Manchester Research Data Storage Service (Isilon).

How will you manage access and security?

The access and security of the data will be managed by the PI. Passwords for documents in word, excel and sav will be created for ensuring secure access to the data. The use of the RDM service, encrypting mobile devices will also further ensuring the security and confidentiality in using data.

Selection and Preservation

Which data should be retained, shared, and/or preserved?

Both qualitative and quantitative data of my research project will be retained for possible re-used in the future. It will be kept for 5 years after the completion of the research project.

What is the long-term preservation plan for the dataset?

N/A

Data Sharing

How will you share the data?

Through publication and publication on a dedicated project website.

Are any restrictions on data sharing required?

N/A