
How do people use Smart speakers for health?

A Data Management Plan created using DMPonline

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Project abstract:

Smart speakers (e.g., amazon echo) and similar on phones (e.g., Siri) can be used for a variety of tasks. Their functionality seems useful to promote health (e.g., medical appointment or medication reminders) and even change lifestyle (e.g., stress management podcasts, exercise reminders). It's not clear if people use smart speaker for health or if this would be an acceptable use. We aim to conduct focus groups to identify how people use smart speakers for health and which functions they would find acceptable. This will inform an intervention.

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Copyright information:

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How do people use Smart speakers for health?

Manchester Data Management Outline

- Ethics
- Yes - Part of a collaboration and owning or handling data
- Acquire new data
- P Drive (students only)
- Other storage system (please list below)

UoM secure storage

- < 1 TB
- No
- 5 - 10 years
- Audio and/or video recordings
- Anonymised personal data

The personal details of participants (names, contact details) will only be kept until the focus groups have been transcribed. Once transcription has taken place any identifying details on the transcripts will be anonymised. At this point participant contact details will be destroyed / deleted. Participants will be informed that they can withdraw their data only up until interviews have been transcribed (as this will be the only time that their interview data will be identifiable).

The audio recordings of the focus groups will be stored on an encrypted audio recorder and transferred to the University of Manchester secure storage as soon as possible after the interview. The audio recording will then be deleted from the audio recorder.

- No
- Yes - Private organisations with contractual arrangements
- No
- No

Dr Tracy Epton

0219-11-04

Project details

The aim of the research is to find out who people use smart speakers and if they use them for health and what types of health use they would find acceptable

The university of manchester data management guidance and the GDPR guidance is relevant to this research project

Responsibilities and Resources

Dr Tracy Epton, Dr Emma Brown (colleague at Leeds Beckett University) and Sahar Sayyar (UG student helping with data collection)

We will require an encrypted audio recorder and access to University of Manchester secure storage

Data Collection

The data collected will be audio files of focus groups. These will be transcribed and will then undergo qualitative thematic analysis.

The data will be collected via focus groups with people who have used a smart speaker

Documentation and Metadata

As the data is specific to the research question it will not be available for re-use

Ethics and Legal Compliance

Ethical approval will be sought by the University of Manchester ethics committee

It is unlikely that we will have IPR from the study.
Copyright of publications will belong to the journal of publication

Storage and backup

The data will be stored on UoM secure storage

Only the research team will have access to the secure storage.
The anonymised transcripts will also be emailed to Emma Brown at Leeds Beckett University (using secure email) where they will be stored on their secure drive.

Selection and Preservation

The data will be saved for 5 years
Anonymised transcripts will be stored with Emma Brown at Leeds Beckett University

The data is very specific to the research question so will not need to be preserved or curated in the longterm

Data Sharing

The data will only be shared with Emma Brown at Leeds Beckett University.
It will not be shared with researchers outside of the research team

N/A