Plan Overview

A Data Management Plan created using DMPonline

Title: Motivating Security Engagement and Compliance: Exploring Human-Centric Cyber Security Awareness and Engagement

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Template: DCC Template

Project abstract:

Cybersecurity remains a major challenge for individuals and organisations, with many incidents still caused by everyday user actions such as clicking harmful links or failing to follow basic security practices. Although users are not intentionally neglectful, security tasks can feel burdensome, leading to mistakes or avoidance. This research explores how to better motivate users to engage with secure behaviour by examining methods such as guidance, behavioural nudges, rewards, and other awareness approaches. Building on these insights, a prototype tool will be developed to support users in performing key security tasks more confidently and consistent and strengthens security habits and reduces the likelihood of preventable breaches.

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Copyright information:

Motivating Security Engagement and Compliance: Exploring Human-Centric Cyber Security Awareness and Engagement

Data Collection

What data will you collect or create?

This study will collect both qualitative and quantitative data. Qualitative data will come from focus group discussions and optional interviews, where participants share their experiences, perceptions, and challenges related to cybersecurity awareness and training. These sessions may be audio-recorded to ensure accurate analysis. Quantitative data will be gathered through online surveys, which will collect broad insights on user behaviours, confidence levels, and attitudes toward cybersecurity practices. All data will be anonymised, stored securely, and used only for this research project.

How will the data be collected or created?

Qualitative data will come from focus group discussions and optional interviews and quantitative data will be gathered through online surveys

Documentation and Metadata

What documentation and metadata will accompany the data?

Using the focus group discussions and surveys, information will be categorised to assess user experiences, perceptions, and challenges related to cybersecurity awareness and training. Online surveys will analysed to gain insights on user behaviours, confidence levels, and attitudes toward cybersecurity practices

Ethics and Legal Compliance

How will you manage any ethical issues?

All data will be anonymised and stored securely on a private Google Drive. Consent will be gained from the participants with right to withdraw without penalty. Video and audio recordings will be permanently deleted once data extraction is complete. Data will be exclusively used for this project only.

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

The principle researcher/investigator will own copyright to the data. Data will not be shared with any other parties other than the Director of Studies for the purpose of this project only. Monday 1230, urine sample, Monday 22 11.50

Storage and Backup

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

On a private Google Drive and will be backed up securely with a password protected account.

How will you manage access and security?

No confidential information will be stored. All video and audio recordings will be destroyed after data extraction. Data Access via username and password and limited to the author and Director or Studies. Principle investigator/researcher is responsible for backup and recovery.

Selection and Preservation

Which data are of long-term value and should be retained, shared, and/or preserved?

Data will be kept for a maximum of 2 years for further studies. Will not be shared with other parties with the exception of the Director of Studies. Video and audio recordings will be destroyed alongside original survey forms once data has been extracted.

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

Data will be preserved on a private Google Drive with no extra costs.

Data Sharing

How will you share the data?

Data will be shared with the DoS for the purpose of the project via sharing option using email and password for security .

Are any restrictions on data sharing required?

None, as no personal details or sensitive data will not be extracted.

Responsibilities and Resources

Who will be responsible for data management?

The primary investogator is responsible for all data management. This project is a self funded project, and as such there are no external parties involved.

What resources will you require to deliver your plan?

No additional resources will be required to deliver this plan. Data repository of choice is free to use as of now.