



1. **TITLE**

Minimizing Attack Envelopes for Publicly-Advertised Meetings

2. **RESEARCHERS**

PI: Erik Fredericks

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3. **PURPOSE**

This **research study** will generate a program to scan public social media posts for insecure meeting links (e.g., Zoom, Meet, etc.) and notify the original author that they may have inadvertently posted a meeting fully open to the public, with the intent being to reduce online harassment of individuals.

Research questions:

RQ1: Can a program (i.e., bot) successfully discover insecure online meetings?

RQ2: Can the bot successfully notify the author that their meeting is insecure?

4. **PROCEDURES**

Participant procedures:

Participant receives a notification that they may have inadvertently posted an insecure meeting link on public social media. The participant will have the option to "opt-out" of future contact via a clickable link.

Time required for each procedure

Less than one minute

Are procedures experimental?

Yes

Out of pocket costs for participants:

None

5. **RISKS**

Electronic data will be collected and/or stored for this research project. As with any use of electronic means to store data, there exists a minimal risk that data could be lost or stolen.

We will only store:

1) The total number of insecure links detected

2) Usernames in the event that the user wishes to "opt-out" of future surveys

We will not store meeting IDs or links to meetings, only occurrences.

6. **POTENTIAL BENEFITS TO YOU**

The main potential benefit comes from the notification that you posted a possibly insecure meeting. This benefit can help prevent your meeting from harassment by those not invited to the meeting.

7. **POTENTIAL BENEFITS TO SOCIETY**

The anticipated benefits to society are a reduction in online harassment.

8. **VOLUNTARY PARTICIPATION**

Your participation in this research study is completely voluntary. You do not have to participate. You may quit at any time without any penalty to you.

9. **PRIVACY AND CONFIDENTIALITY**

Your name (i.e., your social media name account name) will not be given to anyone other than the research team. All information collected from you or about you is for the sole purpose of this research study and will be kept confidential to the fullest extent allowed by law. In very rare circumstances specially authorized university or government officials may be given access to our research records for purposes of protecting your rights and welfare. We will only store your account name in the event that you do not want to be contacted again in the future.

10. **PERSONAL DATA**

Personal data to be collected in this study includes:

- Publicly-available social media account names (e.g., Twitter, Discord, Facebook, Instagram, Reddit), in the event that user wishes to opt-out
- Publicly-available social media posts (to be analyzed for intent)
- Zoom meeting URLs (to be analyzed for security)

Sensitive personal data will be handled and processed only by researchers conducting this study, or by specially authorized university or government officials to make sure the research was done properly.

11. **DATA TRANSFER**

If you provide data to the researchers of this study while you are physically located outside of the United States, your data will be transmitted to a Grand Valley State University campus in the United States for processing.

12. **DATA SECURITY**

GVSU is committed to keeping your data secure. We have put in reasonable physical, technical, and administrative data protection measures for this research. If you suspect a data breach has occurred, please contact the Vice Provost for Research Administration at

Grand Valley State University, 1 Campus Drive, Allendale, MI. Phone: 616-331-3197. E-mail: rci@gvsu.edu.”

13. **DATA RETENTION**

Personal data will be retained for 1 year following the completion of this research.

14. **WITHDRAWING CONSENT**

You have the right to withdraw your consent to the collection and processing of personal sensitive data at any time. If you would like to withdraw from participating in this study, please contact the lead researcher: Erik Fredericks, E-mail: frederer@gvsu.edu. If you would like to request that your personal data be removed from this study, please contact the Vice Provost for Research Administration at Grand Valley State University, 1 Campus Drive, Allendale, MI. Phone: 616-331-3197. E-mail: rci@gvsu.edu.”

Note: The university requires data removal requests to go through the Vice Provost for Research Administration (VPRA) to ensure compliance with the General Data Protection Regulation. The PI will be contacted by the VPRA and/or ORCI with further instructions in the event any requests for data removal are received.

15. **AGREEMENT TO PARTICIPATE**

By checking the consent box below you are agreeing to the following:

- The details of this research study have been explained to me, including what I am being asked to do and the anticipated risks and benefits;
- I have had an opportunity to have my questions answered;
- I am voluntarily agreeing to participate in the research as described on this form;
- I am voluntarily agreeing to have my personal data used for this study and agree the data can be transferred to the United States if originally collected outside of the United States;
- I may ask more questions or quit participating at any time without penalty.

☐ I give my consent to participate in this research project.

Note: Names and signatures should NOT be collected during the consent process for exempt studies, unless you need that information to successfully conduct your research project or an additional regulation (such as HIPAA) that requires signed and dated consent applies to your study. Note that the GDPR does not require signed consent.

16. **CONTACT INFORMATION** State “If you have any questions about the study you may contact

NAME: _____

PHONE: _____

E-MAIL: _____

If you have any questions about your rights as a research participant, please contact the **Office of Research Compliance & Integrity** at Grand Valley State University, 1 Campus Drive, Allendale, MI. Phone: 616-331-3197. E-mail: rci@gvsu.edu.

This study has been reviewed by the Institutional Review Board at Grand Valley State University (Protocol #XX-XXX-H)."

Assessment of grade-level readability in Microsoft Word: Within Word, go to FILE, choose Options, and then select Proofing. Click the box labeled "Readability Statistics" and click OK. Go to the REVIEW tab and select Spelling & Grammar. Readability stats, including the Flesch-Kincaid Grade Level estimate, will now be included with the spelling and grammar report.

If you have any questions about how to use this consent template, please contact the Office of Research Compliance and Integrity at (616) 331-3197 or rci@gvsu.edu. The office observes all university holidays. Please include your study title and reference number in all correspondence with our office.