

## **Section B. Information to be provided to research participants**

### **PROJECT TITLE: Using evidence-based gamified solutions as a tool against fake news**

<b>1. The research</b>
<b>a) Aims and objectives of the research</b>
As part of my degree I made an educational tool to help people to identify fake news in the media, and I would like to get feedback about it and how it might be improved.
I am doing this as part of my MSc Computer Science degree at the University of Nottingham.
<b>b) Funder information</b>
N/A.
<b>c) Governance</b>
This research follow a standard protocol agreed by the School of Computer Science Research Ethics Committee (CS REC), SOP1.1 and has been reviewed by my project supervisor, Jeremie Clos.

<b>2. Taking part in the research</b>
This will take about 20 minutes in total, and can be done online.
There will be an initial questionnaire which will ask you to provide some basic demographic information about yourself, and you will then be provided with a series of news stories and will be asked to identify which ones are real and which ones are fake.
I will ask you to complete a tutorial, which aims to inform you about different strategies used by those producing fake news, and different ways to detect it.
There will be an follow-up questionnaire which will ask you to repeat the initial quiz in which you were asked to identify fake news articles to assess the impact of the educational tool.
There will be an follow-up/debrief interview which will ask about the useability of the webapp and the usefulness of the solution.

<b>3. Risks of participation</b>
<b>a) Risks</b>
There is always a risk of unauthorised access to data.
There will be no significant risks and all precautionary steps will be taken to ensure personal data is stored securely.
<b>b) Mitigation of risks</b>
See section 5 for the measures we put in place to mitigate the risk of unauthorised access.

<b>4. Purpose of data processing</b>
<b>a) Data collected</b>
<p>We collect the following categories of data during your participation in the research:</p> <ul style="list-style-type: none"> <li>- Questionnaire data <ul style="list-style-type: none"> <li>o Demographic information: age, gender, education, occupation, ethnicity</li> <li>o Scores from quizzes taken before and after the treatment</li> </ul> </li> </ul>
<b>b) Specific purposes for which the data are processed</b>
<p>Data collected during the research that identifies you may be:</p> <ul style="list-style-type: none"> <li>• Analysed to meet the aims and objectives described in Section 1.</li> <li>• Reviewed and discussed in supervision sessions between researchers and their supervisors or in research meetings between members of the research team, including project partners.</li> <li>• If audio recordings are collected during the research, these may be transcribed and <b>anonymous</b> quotations of your spoken words may be used in my written dissertation and associated presentations, as well as any future academic publications or presentations about my dissertation work.</li> <li>• If visual images that identify you are collected during the research, they will be anonymised (e.g. faces blurred out) before being used in my written dissertation and associated presentations, or any future academic publications or presentations about my dissertation work.</li> </ul>
<b>c) Automated decision-making and profiling</b>
N/A.
<b>d) Legal basis for processing your data</b>
<p>We collect personal data under the terms of the University of Nottingham's Royal Charter and in our capacity as a teaching and research body to advance education and learning. We thus process your data on the legal basis that our research is in the public interest, we have legitimate interests and / or that you consent to data processing in freely and voluntarily participating in our research activities.</p>

<b>5. Storage and retention of your data</b>
<b>a) Data protection measures</b>
<p>We put the following organisational and / or technical safeguards in place to protect your data and your identity to the best of our ability:</p> <ul style="list-style-type: none"> <li>i) All data stored digitally will be encrypted and password protected and all physical data will be stored in a secure location.</li> <li>ii) You will only be identified by a participant code.</li> <li>iii) If video is collected but is not required (e.g. from recording an online session) then this will be deleted once the audio or transcript has been extracted.</li> <li>iv) Interview recordings will be transcribed and the original recordings deleted.</li> <li>v) Any identifying comments will be removed from the transcripts, notes and questionnaire responses before analysis.</li> <li>vi) If visual images that identify you are collected during the research, they will be anonymised (e.g. faces blurred out) before being used in reports or presentations.</li> </ul>
<b>b) Retention period</b>

Data protection law allows us to retain personal data for an indefinite period and use it in future for public interest, scientific or historical research purposes or statistical purposes, subject to the implementation of technical and organisational measures that safeguard your data, your legal rights and your freedoms. These safeguards include the storage measures described above to protect your data against unauthorised access, and de-identification (anonymisation or pseudonymisation) of your data wherever possible and practicable. Data that identifies or could identify you will not be made public without your consent.

## 6. Third party recipients, services and data transfers

### a) Project partners

Your data will not be shared with others

### b) Third-party services

N/A.

### c) Data transfers

[Yes]: Data from questionnaires will be collected anonymously.

Subsequently,

*Identify whichever applies to your study; delete the one that does not apply before giving this information to participants:*

[Yes]: Your data will not be transferred outside the UK (or equivalently secure cloud hosting in the EU).

## 7. Your legal rights

### Data protection rights (Data Protection Act 2018)

You have the right:

- To be informed about the collection and use of personal data (as per this document).
- To access and receive a copy of your personal data, and other supplementary information, on request.
- To object to and restrict data processing if you think we are not complying with data protection law, and to rectify inaccuracies.
- To be forgotten, i.e., to have your personal data erased.
- To data portability and to obtain your data in an accessible and machine-readable format if appropriate, or to transfer your data to another organisation if technically feasible.
- To complain to about the way we process your personal data to our ethics committee ([cs-ethicsadmin@cs.nott.ac.uk](mailto:cs-ethicsadmin@cs.nott.ac.uk)), our Data Protection Officer ([dpo@nottingham.ac.uk](mailto:dpo@nottingham.ac.uk)) or the Information Commissioner's Office (<https://ico.org.uk/make-a-complaint>).\*

## 8. Your ethical rights

### a) Right to withdraw

You have the right to withdraw from the research at any time without explanation. You also have the right to request that your data be deleted if you do withdraw. Please note that I will begin amalgamating and writing up the study findings from [date]. At that point I may

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\* Our DPO's postal address is Data Protection Officer, Legal Services, A5 Trent Building, University of Nottingham, University Park, Nottingham NG7 2RD.

not be able to remove (all) your data so I cannot guarantee that I will be able to fulfil a request to withdraw
<b>b) Handling of 'mixed' data</b>
If the data is 'mixed' data – i.e., if it involves other people (not including the researchers), e.g., a conversation or video of multi-party interaction – it cannot be deleted unless <b>all parties</b> request it. However, any mixed data involving you will be redacted wherever possible, with the exception of scientific works produced prior to your notification of withdrawal.
<b>c) Withdrawal procedure</b>
If you wish to withdraw, please notify <a href="mailto:psxjs22@nottingham.ac.uk">psxjs22@nottingham.ac.uk</a> .
If you do not receive confirmation of withdrawal from the research, please email my supervisor, <a href="mailto:Jeremie.clos@nottingham.ac.uk">Jeremie.clos@nottingham.ac.uk</a> or <a href="mailto:cs-ethicsadmin@cs.nott.ac.uk">cs-ethicsadmin@cs.nott.ac.uk</a>

9. Consent to participate	
<p><b>a) I consent to participate in the research and my signature or mark confirms the following:</b></p> <ul style="list-style-type: none"> <li>• I understand the aims and objectives of the research</li> <li>• I understand what the research requires me to do</li> <li>• I accept the risks of participation</li> <li>• I understand what data will be collected and the purposes for which the data will be used</li> <li>• I understand safeguards will be put in place to protect my data and my legal rights</li> <li>• I understand I will not be identified unless the use of identifiable data has been requested and I consent to it</li> <li>• I understand that I can withdraw at any time without explanation</li> <li>• I have been able to ask questions about the research, my participation, and my data and my questions have been answered satisfactorily</li> <li>• I agree to participate and my participation is voluntary</li> </ul>	<p><b>Signature or mark:</b></p>
Name of participant(s)	
Date	
<p>Witness</p> <p><i>If participant(s) cannot sign</i></p>	<p><i>In signing I confirm the participant(s) named above have been fully informed about the research, have been able to ask questions, and consent freely.</i></p>