

## Participant Information Sheet

Project title:	Designing accessible speech transcription interfaces
Principal investigator:	Peter Bell
Researcher collecting data:	Jack Irvine
Funder (if applicable):	

This study was certified according to the Informatics Research Ethics Process, RT number 280672. Please take time to read the following information carefully. You should keep this page for your records.

### Who are the researchers?

Jack Irvine – Artificial Intelligence and Computer Science student designing accessible interfaces for speech transcription as part of a final year honours project.

Casey Gong – Computer Science student focussing on a complementary final year honours project developing speech recognition for a low resource language.

Peter Bell – Project supervisor

### What is the purpose of the study?

The purpose of this study is to involve native Shetland dialect speakers in the testing and evaluation of a new transcription interface. It is hoped that this interface will reduce the challenges associated with speech transcription for those less familiar with the task while maximising value to training automatic speech recognition systems. This study will focus on producing an effective and accessible speech transcription interface for Shetland dialect.

### Why have I been asked to take part?

You have been asked to take part in this study as you are a native speaker of the Shetland dialect.

### Do I have to take part?

No – participation in this study is entirely up to you. You can withdraw from the study at any time without giving a reason. If you wish to withdraw, contact Jack Irvine



([j.l.irvine@sms.ed.ac.uk](mailto:j.l.irvine@sms.ed.ac.uk)). We will keep copies of your original consent, and of your withdrawal request.

### **What will happen if I decide to take part?**

You will be asked to complete a small number of tasks using a transcription interface and submit a short questionnaire reflecting on this experience. These questions may ask about the participant's relationship with Shetland dialect, where they learned it, their parents' dialect and how they use dialect in day-to-day life. Some data will be recorded about how the transcription interface is used. In some cases, participants may be asked to participate in a brief interview or focus group (online or in-person) to evaluate various aspects of the user interface. These sessions will take no longer than an hour and you do not have to participate in them if you do not wish to do so.

### **Are there any risks associated with taking part?**

There are no significant risks associated with participation.

### **Are there any benefits associated with taking part?**

There are no direct benefits of taking part in this study. However, your participation in the study will support the development of speech recognition technology for Shetland dialect, making it easier for some people to interact with technology using their natural voice. This may in turn pave the way for further development and integration with existing platforms.

### **What will happen to the results of this study?**

The results of this study may be summarised in published articles, reports and presentations. Quotes or key findings will be anonymized: We will remove any information that could, in our assessment, allow anyone to identify you. With your consent, information can also be used for future research.

### **Data protection and confidentiality.**

Your data will be processed in accordance with Data Protection Law. All information collected about you will be kept strictly confidential. Your data will be referred to by a unique participant number rather than by name. Your data will only be viewed by the

research team listed above and a small number of supporting researchers, to whom your data will be non-identifiable.

All electronic data will be stored on a password-protected encrypted computer, on the School of Informatics' secure file servers, or on the University's secure encrypted cloud storage services (DataShare, ownCloud, or Sharepoint) and all paper records will be stored in a locked filing cabinet in the PI's office. Your consent information will be kept separately from your responses in order to minimise risk.

### **What are my data protection rights?**

The University of Edinburgh is a Data Controller for the information you provide. You have the right to access information held about you. Your right of access can be exercised in accordance Data Protection Law. You also have other rights including rights of correction, erasure and objection. For more details, including the right to lodge a complaint with the Information Commissioner's Office, please visit [www.ico.org.uk](http://www.ico.org.uk). Questions, comments and requests about your personal data can also be sent to the University Data Protection Officer at [dpo@ed.ac.uk](mailto:dpo@ed.ac.uk).

### **Who can I contact?**

If you have any further questions about the study, please contact the lead researcher, Jack Irvine, by email at [j.i.irvine@sms.ed.ac.uk](mailto:j.i.irvine@sms.ed.ac.uk).

If you wish to make a complaint about the study, please contact [inf-ethics@inf.ed.ac.uk](mailto:inf-ethics@inf.ed.ac.uk). When you contact us, please provide the study title and detail the nature of your complaint.

### **Updated information.**

If the research project changes in any way, an updated Participant Information Sheet will be made available on <http://web.inf.ed.ac.uk/infweb/research/study-updates>.

### **Alternative formats.**

To request this document in an alternative format, such as large print or on coloured paper, please use the contact details listed above.

### **General information.**

For general information about how we use your data, go to: [edin.ac/privacy-research](http://edin.ac/privacy-research)

