

Participant Information Sheet

Project title:	Improving Iona Cooper's SDM Lab Assessment Revision Tool
Principal investigator:	Perdita Stevens
Researcher collecting data:	Jerry Shen
Funder (if applicable):	

This study was certified according to the Informatics Research Ethics Process, reference number 642007 Please take time to read the following information carefully. You should keep this page for your records.

Who are the researchers?

Jerry Shen, Perdita Stevens

What is the purpose of the study?

I'm working on improving a revision website for SDM subject in the University of Edinburgh. The website uses the "learn from mistake purpose" which students will read the previous exam questions and look at the former students answers for that, then there is a multiple choice for them to pick the correct feedback the marker gives for the answer. What I'm doing is to collect the users' multiple choice selection data only to tracking errors which students most commonly make and use them to list the confusing choices above. I'm aiming to make the user of the website learn as much as possible from their mistakes so they will not make the same mistakes in exams.

Why have I been asked to take part?

Research target group is the SDM students in the University of Edinburgh.

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. After this point, personal data will be deleted and anonymised data will be combined such that it is impossible to remove individual information from the analysis. Your rights will not be affected. If you wish to withdraw, contact the PI. We will keep copies of your original consent, and of your withdrawal request.

What will happen if I decide to take part?



When you use the website, after you done with the multiple-choice parts, your answers will be collected and use a randomly generated id to store into my database. The database will be protected. Your data will only be used for my algorithm to track the most common error that students made.

Are there any risks associated with taking part?

There are no significant risks associated with participation.

Are there any benefits associated with taking part?

No.

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. Your data may be archived for a maximum of 4 years. All potentially identifiable data will be deleted within this timeframe if it has not already been deleted as part of anonymization.

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 be stored by totally randomly generated id without any parameters. Your data will only be viewed by the researcher/research team Jerry Shen and Perdita Stevens.

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. Questions, comments and requests about your personal data can also be sent to the University Data Protection Officer at dpo@ed.ac.uk.

Who can I contact?

If you have any further questions about the study, please contact the lead researcher, Jerry Shen by email 1264366466@qq.com.

If you wish to make a complaint about the study, please contact 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 contact Jerry Shen by 1264366466@qq.com.

General information.

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

