

PARTICIPANT INFORMATION SHEET:

Screenlife

You are being invited to take part in a research study. Before you decide, it is important for you to understand why the research is being done and what it will involve. Please take time to read the following information carefully and discuss it with others if you wish. Ask us if there is anything that is not clear or if you would like more information. Take time to decide whether or not you wish to take part.

What is the purpose of the study?

We have created software that enables people to track how often they use their digital devices (computers, phones and tablets). We are studying whether this software is interesting for people to use, and whether patterns can be seen in day-to-day device use.

Am I eligible, and what will happen if I decide to take part?

You are eligible to take part if you are over 18, and you own at least one computer, smart phone or tablet. You may not take part if you are a vulnerable person, or use your devices when working with vulnerable people. Please discuss this with us if you are unsure. If you decide to take part we will install software on your devices. This software will then collect data about what software applications you use. After approximately four weeks of use, we will conduct a 30 minute interview with you.

If I take part in the study, can I withdraw?

If you take part, you are still free to withdraw at any time. There are four ways in which you may withdraw:

- *You would like to temporarily pause your participation.* You will have control over this - you will be able to pause the data collection at any time without informing us.
- *You no longer wish to participate but are happy for us to retain the data we have gathered.* In this case, you should inform us of this and delete the logging software (we can provide technical support for this if necessary).
- *You would like us to delete a specific item or period of data.* We will delete any data items we have from you upon request, for example we will delete specific days from our study, or delete any references to use of a specific application.
- *You no longer want to participate and want us to delete all the data we have collected from you during the study.* You are free to entirely withdraw from the study at any time. We will delete all the data collected from you.

You do not have to give a reason for withdrawing.

What are the possible advantages and disadvantages of taking part?

There will be no direct benefit to you in taking part. Rather, this research will contribute to our work making technologies easier to use. The possible disadvantages are that the software may cause your battery to drain slightly faster than usual, the software will transmit small amounts of data which may affect you if you have a limited data allowance for your device, and the software will possibly reveal patterns about your day-to-day life – for example how late at night you use a device, or when during the day you use a computer.

What data will you collect?

The Screenlife software collects data in a systematic way, and this data will be used for analysis by academic researchers. The data we collect concerns:

- Is the device awake?
- Is the device actively in use?
- Is the audio on?
- What location is the device when active?
- When was the Screenlife website accessed?

We do not collect data about what a device is used for; we do not collect keystrokes, what apps are in use, what audio is listened to, what websites are visited, and so on. We can supply a detailed list of exactly what data is logged upon request.

Will this data be kept private and confidential?

Yes. The data will be managed at the University of Glasgow by the named researchers. We may share data with researchers at the University of Warwick. Some anonymous data will be published from this or future studies.

What will happen to the results of the research study?

The results will be published and discussed in academic venues. If you would like to be informed of the results, please email us to request this.

Who is funding the research?

This research is funded by EPSRC – The Engineering and Physical Sciences Research Council.

Contact

The primary contact is Dr John Rooksby john.rooksby@glasgow.ac.uk / Sir Alwyn Williams Building, Lilybank Gardens, Glasgow, G12 8QQ. Scotland. UK.

The other researchers involved in the study that will have access to the raw data are:

- Dr Parvin Asadzadeh Birjandi
- Dr Alistair Morrisson
- Dr Mattias Rost
- Dr Matthew Higgs
- Dr Oana Andrei
- Dr Seppo Virtanen (University of Warwick)
- Prof Matthew Chalmers
- Prof Mark Girolami (University of Warwick)

Log data that we will collect during the study

Windows and Mac computers

1. Computer Active : The times (on a second by second basis) when there was a key stroke or mouse click event. We will not log what that event was, for example we will not log what key was pressed, what software was used or website visited, but simply whether the computer is in use or not in use.
2. Logger Startup : Screenlife Application Starting Up
3. Logger Started : After Startup, and over time when the Logger is enabled
4. Logger Stopped : Time the logger is disabled
5. Audio on : The second the audio is turned on (default speakers are in use)
6. Audio off : The second the audio is turned off
7. Computer Sleep : The second the computer goes to sleep
8. Computer Wake : When computer wakes up
9. Location
10. Operating system version and model of device
11. Mac address
12. IP address
13. Connectivity
14. Timezone

Android Devices

1. Device locked / unlocked
2. Screen on /off
3. Audio on / off
4. Location
5. Operating system version and model of device
6. IMEI number and IP address
7. Connectivity
8. Timezone

iOS Devices

1. Device locked /unlocked
2. Screen on/off
3. Audio on
4. Audio off
5. Location
6. Operating system version and model of device
7. ID and IP address
8. Connectivity

Engagement with Screenlife web app

1. Login
2. Page Loads
3. Page Sections visited
4. Click on days in month view
5. Click on hours in day view
6. Click on minutes in hour view
7. Moving between different months
8. Logout
9. Browser type

Example interview questions

- 1 What is your name, age, gender and occupation?
- 2 How did you find participating in the study?
- 3 What did you think about the Screen life app?
- 4 Do you already use any software that has any similarity to screenlife?
- 5 Were you surprised at all by any of the data?
- 6 Looking at the data, can you see any patterns or routines in your life?
- 7 Looking at the data, can you describe occasions when you have used two or more devices at a similar time?
- 8 Do you think having this data available, or simply through participating in the study has changed your behavior?
- 9 Do you have any questions for us?

Consent Form

I have read the information sheet for the study "Screenlife" and have had the opportunity to ask questions.

I understand that data is being collected when I use Screenlife and that this data will be used in a scientific study

I have considered how the collection of data from Screenlife affects my privacy

I understand that my participation is voluntary and that I am free to withdraw at any time, without giving any reason, without my legal rights being affected.

I agree to take part in the study "Screenlife"

Name (Please print):

Signature:

Date:

If you received a payment please write the amount here: