Social Acceptability and Usefulness Experiment Information

This Experiment is part of Robbie Thomson's 4th Year Computing Science project at the University of Glasgow, which is investigating the relationship between social acceptability and the perceived usefulness of new interaction techniques. I hypothesis that if a novel interaction method is perceived to be more effort than what it's worth then people will see it as more acceptable to use the standard method of interaction.

Social acceptability is the extent to which you find an action acceptable in a certain context. Your choice of action may also be dependent on available alternative actions and their perceived acceptableness in similar circumstances. In simpler terms, this is how you decide if an action conforms to social norms or would be seen as "unusual" or "unacceptable" in a certain context.

This Process will require you to initially complete a short survey followed by installing an Android Application that I have created called Motion Music. This is a simple Music Player app which makes use of Motion and Mid-Air Gestures for various functions described later in the document. You are asked to casually make use of this app over the space of a week. This can be as frequently or for as long as you please, but it is hoped that you use it for a short time at least once a day, however this is not required.

Following this you will complete three additional short surveys. One after a single day of use, another after 3 days of use and a final survey after the full week of use. These will assess how frequently you use the app and your use and opinions on the features of the app. To do this it may be best to take notice and possibly record your usage to ensure you can answer these surveys in the most effective way.

Throughout these surveys you will be asked to enter a pseudonym so that your surveys responses can be linked to each other. This can be a random word, number or sequence that you will remember as you will need to provide it in all surveys. To ensure anonymity please do not make this your name, email, username, password or similar yet still obscure enough that it is unlikely other participants will choose the same pseudonym. Eg Lemon721

It is hypothesised that initially the use of the Novel Interaction will become more instinctive as the week passes and therefore become easier to use. Since it may no longer be a conscious decision to use of the Gestures it may be concluded that it will become more acceptable to use in more social situations than it may not have been prior to the use throughout the week.

No personal information will be gathered, and your participation is completely anonymous. You may choose to withdraw or stop at any time. If you choose to do so, contact either person below and all data associated with you (i.e. Survey Responses) will be deleted and removed from the study.

If you have any further questions about the survey, please contact me:

(Robbie Thomson, 2314819t@student.gla.ac.uk)

or my supervisor:

(Euan Freeman, euan.freeman@glasgow.ac.uk).