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Privacy implications of wearable devices Identification of short movies utilizing physiological data

by

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Consent Form

Introduction

- You will be asked to watch selected short movies while your physiological data—electrocardiogram (ECG) and electrodermal activity (EDA)—is recorded.
- All the data collected will be pseudonymous and will strictly be used for research only.
- We ask you to read this consent form and ask any questions you may have before agreeing to be part of the study.

Purpose of Study

- The purpose of the study is to investigate the psycho-physiological effects of watching audio visual content to predict which movie is watched.
- This research will be part of a master thesis and may be presented in other scientific publications.

Description of Study Procedure

- You will be asked to wear three AgCl adhesive electrodes, one electrode each under the left and right side of the collar bone and one on right side under the rib cage.
- In addition you will be asked to wear two non-adhesive strips, one each on your index and middle finger of the non-dominant hand.
- These electrodes will be hooked up to ECG and EDA sensors attached to a device which collects the data.
- You will first be asked to relax, and your resting physiological data will be collected for a span of 60 seconds.
- You will then watch 3-4 short movies spanning 4-10 minutes with a break of 2-3 minutes between each movie. You can fill in the questionnaire during the break. The study will span approximately 45-50 minutes.

Risk/ Discomforts of being part of this study

- The short movies might have some scary and action scenes which might create discomfort.
- The adhesive electrodes might create some discomfort. Please mention about the same on the last page of the questionnaire you will be provided.
- There are no reasonably foreseeable risks.

Confidentiality

- The study is pseudonymous. We will not collect or retain any information about your identity.
- Please note, if you wish to gain access to your data, you can do so by providing your email address in the questionnaire. This may compromise pseudonymity.
- However, you will not be identified in any reports on this study.

Right to Refuse or Withdraw

- Your participation in this research is entirely voluntary. You may refuse to take part in the study at any time during the study.
- In addition, you may refuse to answer any question asked in questionnaire or by the investigators during the course of study.

Right to ask Questions, Report Concerns, and Access your Data

- You have the right to ask questions about this research study and to have those questions answered by us before, during or after the study. If you have any further question about the study, please contact us.
- You may gain access to your recorded data, request a correction to your personal data record or withdraw from the research study by contacting us. In that case please remember your *pseudonym* on the questionnaire.
- The study has been reviewed and approved by ethical review board of the faculty of Mathematics and Computer Science at Saarland University. The statement of approval of the study by the board can be provided to you, if you like.
- In case you may have any further concerns about your privacy that have not been answered, you may contact the data protection officer of the Saarland University: datenschutz@uni-saarland.de

Consent

I have read the information provided above and agree to it. I was offered answers to any of the questions I may have concerning the study. I hereby consent to participate in the study.

Name: _____

Signature: _____

Date: _____