Consent Form

Visual Cognition with Learning Analytics

STUDY TEAM
This study is being conducted by Halimat Alabi, a PhD researcher at Simon Fraser University from the School of Interactive Art and Technology. Contact her at halabi@sfu.ca. It is being supervised by Dr. Marek Hatala, mhatala@sfu.ca, from the School of Interactive Art and Technology. PhD researcher Fatemeh Salehian Kia fsalehia@sfu.ca from the School of Interactive Art and Technology will assist the study. Your course instructor’s permission to conduct this research study is not required. If you have any questions or concerns please contact Halimat Alabi halabi@sfu.ca. Concerns and/or complaints should be addressed to Dr. Jeff Toward, Director, Office of Research Ethics, jtoward@sfu.ca, 778-782-6593.

STUDY PURPOSE
This study is being conducted to explore factors that contribute to differences in learners' performance with learning analytics visualizations. The factors that this study explores are differences in cognition, perception, and aesthetic preference. The information collected from this study will be used to create a model of how learners perceive and use learning analytics visualizations, to improve the tools for use by learners like you.

VOLUNTARY PARTICIPATION
Your participation is voluntary. You have the right to refuse to participate in this study without any negative consequences to your grades. If you decide to participate, you may still choose to withdraw from the study at any time without any negative consequences. There are no foreseeable risks to you in participating in this study because the survey questions are similar to the kinds of questions you would answer in a university course. The interview questions are about your experience using learning analytics tools.

STUDY PARTICIPATION
You are invited to participate in this study. The study will take place in the School of Interactive Art and Technology on SFU campus. In it you will be asked questions about your experience using learning analytics and your opinions on different types of interfaces. You will also complete a questionnaire containing demographic, problem solving, and visual spatial perception questions. The study should take about an hour to complete total, 20 minutes on the questionnaire and 30 minutes for the interview. Your verbal responses will be recorded to aid the researcher, who is physically unable to write quickly, with note taking. Along with the questionnaires, this audio will only be accessible to the study team. It will be kept confidential and destroyed once the study is complete.

POTENTIAL RISKS AND BENEFITS OF THE STUDY
There are no foreseeable risks to you in participating in this study. As a benefit to you, we will share your individual results and the results of the study in aggregate once the study has been
completed. The results may help you to better understand how you learn and your visual learning preferences.

CONFIDENTIALITY
Your confidentiality will be respected. Your discussion responses from your class – IAT 206, IAT 222, or IAT 202 – will be used to recreate and show you the learning analytics visualizations you saw while participating in the discussion. Once these visualizations have been recreated your name will not be used. Instead a unique identifier will be used to represent your study responses. This identifier will also be used to connect your responses with your interview from this study. The data from this study will be publicized in aggregate; at no time will identifiable information be shared outside of the study team. Information that discloses your identity will not be released without your consent unless required by law. Your instructors will never see your responses. The information gathered will be housed on servers within Canada, accessible by password only.

STUDY RESULTS AND FUTURE USE
The results of this study will be reported in a graduate thesis, and may also be published in journal articles and books.

CONTACT FOR INFORMATION ABOUT THE STUDY
If you have questions about the study procedures, concerns about your rights as a research participant or your experience while participating in this study, please contact Halimat Alabi halabi@sfu.ca. Concerns and/or complaints should be addressed to Dr. Jeff Toward, Director, Office of Research Ethics,jtoward@sfu.ca, 778-782-6593.

FUTURE CONTACT
If you want to be contacted later for follow-up purposes or to participate in other studies, please circle yes below.

Yes    No   I am willing to be contacted for follow-up to this study, and/ or to participate in future studies.

PARTICIPANT CONSENT AND SIGNATURE PAGE
Taking part in this study is entirely up to you. You have the right to refuse to participate in this study. If you decide to take part, you may choose to pull out of the study at any time without giving a reason and without any negative impact on your class standing.

• Your signature below indicates that you have received a copy of this consent form for your own records.
• Your signature indicates that you consent to participate in this study.
• You do not waive any of your legal rights by participating in this study.

____________________________________________________
Participant Signature     Date (yyyy/mm/dd)
Printed Name of the Participant signing above