Title of Project:  
*Exploring Visual Analytics for Personal wellbeing management*

**Study Team**

Principal Investigator: **Dr. Lyn Bartram (lyn@sfu.ca)**
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**Study Purpose**

Digital health tools such as mobile health apps and smart wearable trackers are providing new options for managing personal health outside of traditional care settings. We are conducting research to understand how various data visualization techniques can be used to represent not only the objective health metrics such as heart rate, blood pressure readings but also capture subjective contextual information such as emotions, lifestyle activities, and other significant events in the management of individuals’ chronic medical conditions.

**You are being invited to take part in this study.** Your participation is voluntary. We will provide an electronic application called “Healthy Me” that we have developed in-house for you to track & complete your daily data every day for at least 4 weeks. The application will be accessed via our study website hosted on a secure SFU server.

The application asks you to record your daily activities, social and emotional states. The application is self-explanatory and would require less than 10 mins to complete. You can complete it at any time of the day.

The application also provides visual charts for your data which you can use to understand and act according to your health metrics.

We will then schedule an interview (online / Zoom) with you at the end of the study to get your feedback about the data tracking and visualization experience.

**How the data will be maintained and what are the measures for privacy protection?**

You will have full access to all your collected data. The application and the associated data will be protected using secure password protection. No personal identification will be used in the application. All the collected data will be stored on a secured SFU database for analysis.

Any data you provide may be transmitted and stored in countries outside of Canada, as well as in Canada. It is important to remember that privacy laws vary in different countries and may not be the same as in Canada.
Potential Risks
We do not think there is anything in this study that could harm you or be bad for you. If you have any concerns, please contact the investigators at the above email address provided.

Potential Benefits
By participating in this study, you may benefit from understanding your health metrics through visualizing the healthy / unhealthy behaviors and to reflect on the process of collecting health data.

Will you be paid for your time/taking part in this research study?
We appreciate your time and effort. There is no compensation offered to take part in this study.

Confidentiality
Your confidentiality will be respected. Information that discloses your identity will not be released without your consent. Only investigators and collaborators that are part of the study team may access your data as part of oversight and research activities.

Withdrawal
You may withdraw from this study at any time of the study process and until the results are published. Should you decide to withdraw from the study, your participant ID will be used to destroy the data associated with you. To withdraw from the study, contact any of the study team by email.

Study Results
The results of this study will be reported in a graduate thesis and may also be published in journal articles and books. The main findings may be published in academic journal articles and presented at academic conferences. Transcripts, data, and analysis from this study may be published to open access journals and alongside any resulting publications. If you wish to be informed of the study results, you can contact the study team to get the summary of the results.

Who can you contact if you have questions about the study?
If you wish to be informed about our study results, please contact Dr. Lyn Bartram (lyn@sfu.ca)

Who can you contact if you have complaints or concerns about the study?
If you have any concerns about your rights as a research participant and/or your experiences while participating in this study, please contact the SFU Office of Research Ethics at dore@sfu.ca or 778-782-6618.

Thank you