

## PIKA DRESS 4 WEATHER – Interview - Stefanus Albert Welong

### A2a Appendix 1

The research study is aimed to find out whether it is truly necessary to create a tool that aid individuals to dress properly according to the weather condition. The research instrument used for this research study is interview. Interview is going to be conducted to our target audience, mainly international student who are generally less experienced and have little knowledge about the weather situation.

Being an international student myself who is not used to the weather situation of the new place, I plan to recruit the likes of myself whom I know to have potentially face the same experience as myself. I plan to conduct interviews to my fellow undergrads whom I know to be international student and have little experience regarding the weather condition in their respective city. Interviews may be conducted both online, through phone/video call, or directly if the participant happens to be in Toronto.

1. What is your name?
2. Where are you from, and where are you currently studying?
3. Tell me about the weather in your city of study compared to where your hometown
4. How did you prepare your day (outfit choice) daily?
5. Do you have enough knowledge of what to dress according to the weather?
6. (Follow up) if yes, where did you get that knowledge? If no, what attempt did you take to accommodate your needs?
7. Have you ever experienced feeling too cold/too hot because of your chosen outfit for the day?
8. (Follow up) If yes, why did it happen?
9. Do you ever feel like the weather forecast is too inaccurate?
10. Do you ever feel that the weather is too unpredictable?
11. What measures have you taken to help yourself adapt?
12. Do you ever feel the need to have someone tell you what to wear in relation to the weather forecast of the day?
13. What do you think about a tool that helps you suggest the outfit you wear according to the weather forecast?
14. If yes, what would you want to have in that tool that will help you the most?
15. Is there anything else you want to add/input regarding this research study topic?

I based my interview question according to NNG's Therese Fessenden tips. I made sure that the questions have enough probing questions to clarify and get in-depth response. I also attempt to make the questions as open-ended as possible, in the sense that it can be elaborated easily by the interviewee when the interview is conducted.

### COMPETITIVE ANALYSIS

The app Umbrellatoday.app is an application that will tell the user whether an umbrella is necessary in the respective input of location. This app strictly tells whether an umbrella is needed or not and will differ from our tool design. Our tool will offer more than umbrellatoday.app as the tool will suggest the whole outfit that is suitable for the weather. In our early stage of discussion, additional tool such as umbrella is not part of the design. However, after this competitive analysis research, it is a good idea to integrate umbrella as part of the outfit suggestion so that the user will be able to not only be protected from extreme heat/cold, but also the rain.

Another app that resembles our tool in a different light are outfit-picking apps, such as Smart closet app. This app provides a digital wardrobe representation of an individual's wardrobe, which help them pick clothes more easily. However, the app does not offer any suggestion with respect to the weather and hence this app does not offer a solution to our problem space. Since our aim is to provide suggestions according to the weather, our tool will be more useful than the existing Smart closet app especially to our target audience.

## Research Protocol

1. Project Title: “Interviews of International Students regarding the importance of dressing suitably to the weather”
2. Investigators:
  - a. Sheraveen Huang ([sheraveen.huang@mail.utoronto.ca](mailto:sheraveen.huang@mail.utoronto.ca))
  - b. Siyi Wang ([siyic.wang@mail.utoronto.ca](mailto:siyic.wang@mail.utoronto.ca))
  - c. Stefanus Albert Welong ([stefanus.welong@mail.utoronto.ca](mailto:stefanus.welong@mail.utoronto.ca))
3. Purpose: The purpose of our research is to understand the needs of international students in dressing properly to the weather to help us derive requirements for the design of novel interactive computational media that are intended to be useful to the international students. A brief description of our design concept is to create a tool that suggests the user with the proper outfit for the day according to the weather. The suggested proper outfit will be from the wardrobe of the user which was initially uploaded too hence making it more personalized.
4. Process to be followed: We will brief the participants about the purpose of the study, explain the consent form to them, and ensure that they sign the consent form. We will then engage the participants in a semi-structured interview.
5. Participant selection: Participants will be chosen from the knowledge that they are currently an active international student. They will be identified via identifying their origin and place of current study, and selected according to the relevance towards the topic, which is international students in unfamiliar climate. In general, they will be characterized by their age and occupation (international student).
6. Relationships: Our relationship to the participants may be described as follows: friends, acquaintance, mutuals, classmates.
7. Risk and benefit: There will be minimal risk to the participants, for example that they feel that they have wasted their time. The only benefit will be to contribute to the education of the investigators. Participants are free to withdraw before or at any time during the study without the need to give any explanation.
8. Consent details: We will brief the participants about the purpose of the study, and explain the attached consent form to them, and ensure that they consent to participate and sign the consent form.
9. Compensation: Participants will receive no compensation.
10. Information sought: The information to be sought is described in the attached interview form.
11. Confidentiality: Information will be kept confidential by the investigators. Names or other identifying or identified information will not be kept with the data. The only other use will be to include excerpts or copies in the assignment submitted, but names and other identifying or identified information will not be submitted.

## Consent Form

# **Consent Form: “Interviews of International Students regarding the importance of dressing suitably to the weather”**

I hereby consent to participate in a research study conducted by Stefanus Albert Welong for an assignment in University of Toronto Computer Science course CSC318 The Design of Interactive Computational Media.

I agree to participate in this study the purpose of which is to understand the needs of international students in dressing properly to the weather to help us derive requirements for the design of novel interactive computational media that are intended to be useful to the international students.

I understand that

- The procedures to be used are a semi-structured interview.
- I will receive no compensation for my participation.
- I am free to withdraw before or any time during the study without the need to give any explanation.
- All materials and results will be kept confidential, and, in particular, that my name and any identifying or identified information will not be associated with the data.

## **PARTICIPANT**

Name (please print) \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

## **INVESTIGATORS**

Name \_\_\_\_\_ Signature \_\_\_\_\_

Name \_\_\_\_\_ Signature \_\_\_\_\_