**BlurBodyBalance**

**Usability Study**

**Artifacts**

1. An Android phone
   1. Provided by the conductor of the study
   2. There will only be one phone given to the participant
   3. The phone will have the latest build of BlurBodyBalance
2. Usability Study Script
3. Any note taking materials for the conductor of the study

**Permission Form**

**Purpose**

The purpose of this usability study is to receive feedback on our application, BlurBodyBalance. As a part of this usability study you will be asked to interact with our application, BlurBodyBalance, on an Android phone that will be provided to you. You will then be asked questions regarding aspects of the app such as, ease of use, presentation, and any comments/recommendations you may have. This test should not take more than 20 minutes.

**Participant’s Rights**

I understand that my responses will be available only to the Blur1 development team and the COS 420 professor. No one will be able to identify me based on my responses and my name will not appear anywhere in the written report. I understand the consent form will be kept separate from the data records for confidentiality. I may choose to not participate or stop at any time without penalty.

**Consent to Participate**

I acknowledge my rights as a participant described above. I acknowledge my participation is voluntary.

Print Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Script**

1. “Hello. Thank you for participating in this usability study of our application BlurBodyBalance. I will provide you with an Android phone with the latest build of BlurBodyBalance. Our application is still in development, so not every feature is currently present and what has been implemented is still subject to change. While you are exploring the application please feel free to ask questions or make comments. After 10-15 minutes we will stop the test and ask you a few questions.”
2. “Here is the phone with BlurBodyBalance.”
   1. Hand participant phone with BlurBodyBalance open on the login screen
3. “Because you obviously do not have a BlurBodyBalance account, tap the register button and follow the on screen prompts to create an account using this test email address.”
   1. Hand the participant a piece of paper with the email address they should use to create an account.
4. Wait for the participant to finish creating an account.
5. “Now that you have created an account you can now track your steps using the pedometer or create weight entries and see the results on the graph below. Feel free to explore the app and try out the available features”
6. Let the participant use the application. Answer questions or guide the participant as you see fit.
7. After about 10 minutes.
   1. “Ok, now that you have had a chance to use our application I would like to ask you a few questions about your experience.”
8. “Was the registration process simple to get through? Was there any information you did not feel comfortable entering?”
9. “How was the navigation through the app? Was it clear where to find certain features?”
10. “What did you think of the cardio tracker? Did it present data in an easy to understand way? Did it not include information you would have liked to know?”
11. “Similarly, what did you think of the weight tracker? Did it present data in an easy to understand way? Did it not include information you would have liked to know?”
12. “Do you have any other comments/suggestions?”
13. “Thank you very much for participating in this study. Your responses will help us greatly improve the final product of BlurBodyBalance.”
14. Collect materials

**Results**

Participant 1

* Participant asked why we needed to collect the data we do during registration
  + Told participant that the information collected is needed for certain calculations such as calories burned.
* When adding a weight entry, the participant was able to add unwanted characters such as dashes.
  + This is an issue that needs to be addressed to make sure weight entries cannot be negative and return in a form that is expected by the rest of the program.
* Participant suggested showing how much weight the user has lost/gained since starting to use the app.
  + This was a feature that was already considered and is planned to be implemented in the future
* Participant liked the line graph of the weight, but suggested that it would look a little nicer if the edges where the line changes directions was curved instead of a sharp edge.

Participant 2

* Participant asked why the step counter seems to use movement of phone instead of gps to calculate steps taken.
  + Commented by stating this was the original way we learned how to program the step counter. In the future we will update it so counter is more accurate.
* Participant commented that they would like to be able to have the weight entries integrated with Google Calendar in order to view entries on calendar.
  + Commented that we had not considered this feature and would add it to list of features to be implemented in the future
* Participant did not have any further comments for improvements.

Participant 3

* Participant commented that they did not like being forced to enter personal information such as name and weight.
  + Commented that we have this information in order to calculate calorie count and other features. Informed use that we do not look, or collect information on users to use outside of calculations used on for their personal experience. Said we could change this to optional but it would be required for functionality of the app.
* User commented that they would the app to have widgets in order to view certain features in the app without adding having to enter app.