

Participant Number: \_\_\_\_\_

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

## User Test: Haptic Sensors

### Introduction

Thank you for agreeing to test our application. Before we begin, we will be taking notes about what you say and do during this process. These notes will not be attached to your name in any way.

During today's tests, we are going to be placing this circuit around your neck and holding the vibration motors against your collarbones so that you are not influenced by holding them yourself. If you are uncomfortable with this or would rather have someone else hold the vibration motors, please tell us now. (*Wait for confirmation it is okay/the request for someone else, accommodate where possible but do not allow them to hold the motors themselves*).

Keep in mind, this test is solely informative for us; we will be using the results to determine our vibration strength and possible vibration patterns for our device. All we ask is that you answer the

### Device Look and Feel

1. We are going to start the haptic motor vibration at a low setting and slowly raise the strength of the vibrations. Please let us know when you begin to feel the vibrations and when you decide that the vibrations are too strong for comfort.
  - a. Lowest:
  - b. Highest:
2. Okay, we are going to activate some different vibration patterns now. Simply tell us if you can tell the difference between them.
  - a. This (*play strong click*) and this (*play sharp click*)? Y / N
  - b. This (*play strong click*) and this (*play soft bump*)? Y / N
  - c. This (*play strong click*) and this (*play medium click*)? Y / N
  - d. This (*play strong click*) and this (*play sharp tick*)? Y / N
  - e. This (*play sharp click*) and this (*play soft bump*)? Y / N
  - f. This (*play sharp click*) and this (*play medium click*)? Y / N
  - g. This (*play sharp click*) and this (*play sharp tick*)? Y / N
  - h. This (*play soft bump*) and this (*play sharp click*)? Y / N
  - i. This (*play soft bump*) and this (*play medium click*)? Y / N
  - j. This (*play soft bump*) and this (*play sharp tick*)? Y / N
  - k. This (*play sharp tick*) and this (*play sharp click*)? Y / N
  - l. This (*play sharp tick*) and this (*play soft bump*)? Y / N
  - m. This (*play sharp tick*) and this (*play medium click*)? Y / N

## Closing Questions

1. That's all we need for today's test. Do you have any remaining questions, comments, or concerns?
2. Would you be interested in further user tests for this product? Y / N

*(If yes, record their contact information separately from this sheet on a list of interested parties. A minimum of name and email is required.)*

Thank you again for your time. If you would like to follow the project to completion, you can find us on various social media platforms and we encourage you to consider coming to the Senior Project Fair to try the final product. All information is provided on this card, and contact information for the team is on the back should you have questions, concerns, or wish to withdraw your consent at a later date. *(Provide participants with info card)*