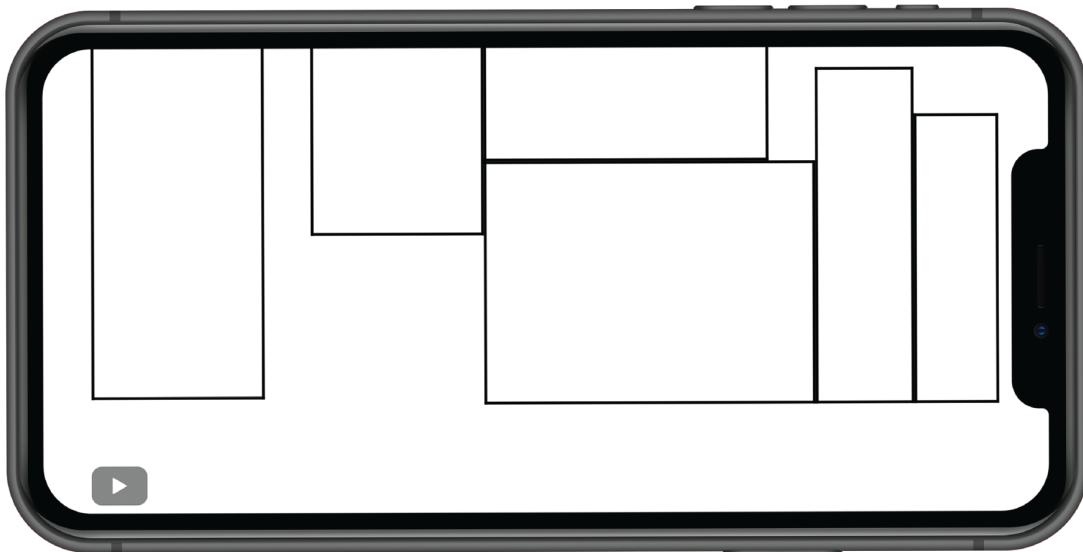


Introduction

In this test, you will experience three prototypes of an interactive film audio description application for people with visual impairment. It aims to help visually impaired film “watchers” explore more information than what is described by the accessible audio description (AD) caption that comes with the film itself.

Please imagine you are a blind user who is watching a film through the smartphone. You are not able to see the film but you can listen to it and use the prototypes to better enjoy it.

On the screen of the smartphone, black rectangles are the buttons of the prototype. Each button stands for an object displayed on the film scene. You can use sight to localized the buttons. By tapping the buttons, you can obtain a brief description. By double-tapping, you can obtain a further description.



Test participant:

Prototype:

Date:

Part 1

Experience the three prototypes below in random order.

Answer question 1 & 2 after each prototype ends.

Q1: On a scale from 1-10, rate the degree of difficulty to capture all the sound information in the soundtrack? (1-very difficult, 10-very easy)

very difficult ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ very easy
1 2 3 4 5 6 7 8 9 10

Q2: Did you hear/notice the following information? Check the items you heard.

- ☐ "Keep going, keeping going maggie. Come on now. Come one you got to keep pushing."
- ☐ Do you want to feel your baby's head? That's your baby
- ☐ A nurse moves maggie's hand.
- ☐ Another nurse raises her brows.
- ☐ Let's get ready to go again.
- ☐ No, no, no, I'm too tired. I can't do it.
- ☐ I'm too exhausted.
- ☐ One more big push.
- ☐ And got to give it everything you got, okay?
- ☐ "Cause your baby's heart rate, it's a little fast right now.
- ☐ We need you to work with us and we need to get your baby out.
- ☐ Maggie noticed Gusmin is standing by the door. He nods and smiles.
- ☐ Everything you got. Here we go.

- ☐ The handle of the hospital bed is strong, with the control panel on the side.
- ☐ A blue desk phone size device with a digit pad. The screen is shining green.
- ☐ Maggie seems painful with her face sweated. Her hand is grasping handles on both sides of the bed firmly.
- ☐ An old white female nurse is encouraging Maggie. Her gloves have a lot of stain of blood.
- ☐ The white soft pillow is squeezed firmly.
- ☐ A young black female nurse with a stethoscope hung on her neck is operating a device by the bed carefully.

Q3. On a scale from 1-10, rate your viewing experience with this prototype. (1-very poor, 10-very excellent)

very poor ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ very excellent
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Date:

Part 2

Watch the original video clip with the original Audio Description Caption.

Answer the questions below.

Q4: On a scale from 1-10, rate how well the prototypes help you imagine what is displayed on the screen? (1-very poor, 10-very excellent)

very poor ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ very excellent
 1 2 3 4 5 6 7 8 9 10

Q5: On a scale from 1-10, rate the similarity between the scene you imagined in mind and the actual scene you saw? (1-not at all, 10-highly similar)

not at all ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ highly similar
 1 2 3 4 5 6 7 8 9 10

Q6: What information do you think should be described or further described to help you understand the scene without watching it?

Test participant:

Prototype:

Date: