

Computer Prototype Data Collection Sheet: Bridge

User ID: 1
Date: 28/10/2021

| Task | User Comments | Achieved Y/N | Observations |
|--|--|----------------------------|---|
| Select Song | | Y | The user was confused by this task, because they hit "Go" immediately when they started using the application, and then were looking where they needed to select a song. They did not read the paragraph on the start screen or try to change the Spotify link. The song selection was done by Wizard of Oz during the set up (we asked them & played a Clarinet concerto on a smartphone). |
| Using voice commands, play song for about 20 seconds, then pause using voice commands. | "I'm supposed to play for about 20 seconds -- I'm not sure where I am in the song" | Y | The user clicked play with the mouse, and then after roughly 10 seconds, they said the comment (see user comment). They then used the voice command "pause" to stop the song (Wizard of Oz). The prototype did not have the track timestamp implemented, so the user was confused when the song arrived at the 20 second mark. |
| Change track playback speed to 1.75 | | Y | The user clicked a few times on the 1.25x box but it didn't activate. The examiner intervened and explained that this was a bug with the prototype, and that the "pause" button needs to be pressed first. In the drop-down menu, the user also tried clicking "1.75x", but this was unimplemented. The examiner intervened to tell the user to click outside of the dropdown to close it. |
| Change rewind increment to 10s. Using voice command, play the song, rewind, and | "I'm now going to rewind again, to listen to it. Play." | Y (increment) & N (rewind) | The user clicked the inside circle on the first try, to open the increment dropdown. Clicking "30s" was unimplemented, so the examiner intervened to tell them to click outside of the dropdown to close it. To skip 30s backwards, the user clicked on the inner circle instead, which opened the drop-down menu |

| | | | |
|---|--|--------------------------|---|
| pause the song. | | | again. They did not explicitly use the “rewind” voice command. |
| Change forward increment to 3s. Using voice command, play the song, skip forward, and pause the song. | “I’m going to move forward 3 seconds. Play” | Y (increment) & N (skip) | The user said the comment (see user comment) while clicking the forward increment circle, and selected the “3s” in the dropdown. They did not explicitly use the “skip” command or its voice command -- they may have thought that the 3s increment dropdown was used for skipping forward. |
| Update the input/output device settings | “I’m going to update the [...]. Is it there? Ok perfect” | Y | The user chose the correct “settings” icon the first-time around, but was verbally hesitant whether it would allow them to change the input settings (see user comment). They then tried to change the input device, but this dropdown was unimplemented -- so the examiner intervened. |
| Add loop | “OK I want to add a loop now.” | Y | The user clicked on “Create Loop” very fast. However, clicking the input elements for the loop form were unimplemented, so the examiners let them know. The user did not click “Add Loop”, and seemed to think that the loop was already created & continued with the next task (looking to “Remove loop”). The examiner intervened to tell them to click the “Add Loop” btn first. |
| Remove loop | “OK can I remove this?”, “I’ll just remove it for now” | Y | The user was confused at first, and did not see the X character next to the loop. They then found the button, and successfully confirmed “Yes” to delete the loop. |
| Add a Marker | “So I can add a marker. I’m guessing I can choose the time I can put the marker -- oh I guess I can’t” | Y | The user encountered a bug after the loop was added, and could not click “Create Marker”. The examiner intervened to tell them to click “Done Task” first. The user then clicked “Create Marker” and tried to click the inputs, which were not implemented (but they understood already). They then clicked “Add Marker”, with ease. |

Since they did not give their thoughts during the testing itself, we asked the user for their thoughts after all of the tasks:

- “I can definitely feel the loops is useful”
- “I don’t know if you plan so you can change the time for the loop” → referring to the lack of the option on the prototype; the start/end timestamps are fixed.
- “I’m not sure how I would use the markers -- mainly to indicate where I am in the transcription work. Let’s say I stopped at a certain point, then I’d use a marker.”
- “I’m not sure how I feel about being able to increase the playback speed, because that wouldn’t really help the transcription part.”
- “Maybe have more range in [the playback speed option]. Because maybe with 0.75, the sound might be a bit different. So maybe have 0.9, 0.8 -- that would be more useful.”
- “I feel like with the voice commands, it goes a lot faster and it’s pretty convenient”

At this point, we showed them the voice command dropdown, which included a list of all of the possible voice commands. The user was surprised by this and was not aware of the option.