mobileSHIELD Team Interview Guide

Interviewee code:	
Interviewee service:	
Interviewee role:	
Interviewee gender:	□ Male □ Female
Interview date:	
Interview time and duration:	
Interviewers:	

Please note: these questions are open-ended to encourage the respondent to discuss topics related to the study. In such discussions, additional questions and prompts may be used to encourage the respondent to fully explain his or her answer. These questions and prompts include "Can you tell me a bit more?" "I'm not sure I quite understand about [repeat respondent's words]," "You said [repeat respondent's words], could I ask you a bit more about that?" or "Could you explain more about what you meant in saying [repeat respondent's words]."

Participation in this study is voluntary. You may change your mind at any time and discontinue participating in this study. [Hand out another copy of the information sheet to the interviewee, if s/he would like to see one.]

There is minimal risk associated with this interview. Your contact information will be kept by the research team to allow us to contact you again, but it will never be linked to your interview responses. Only researchers associated with this project will have access to the data gathered.

Do you have any questions about the study? Are you willing to proceed with the interview?

Is it OK to audiotape the interview?

Background
1. What is your background/expertise?
2. What is the title of your "day job"?
3. What is your role in the mobileSHIELD project?

Team Formation and Processes
4. When did you get involved in mobileSHIELD?
5. How did you get involved in mobileSHIELD?
   - What background information or training where you given? By whom?
   - What went well in getting integrated with the team?
   - What did not go well in getting integrated with the team?
6. Tell us about the tasks you did and are doing for mobileSHIELD?
   - How has this evolved over the course of the project?
   - How easy or difficult is it to do this project?
     i. What are the challenges?

1. Why is it easy?
   a. Could you give us specific examples?
   b. How does it affect you?
2. Why is it difficult?
   a. Could you give us specific examples?
   b. How does it affect you?
   ii. How does mobileSHIELD impact your workload?
7. Did the environment (i.e., where you work and the characteristics of where you work) impact feeling like you were part of the team?
   - From your perspective, was it harder or easier to get started on the project with everyone working from home due to the COVID-19 pandemic?
   - How did the environment impact work in actually developing and deploying the mobileSHIELD unit?
8. Tell us about the tools and technology you used during the project?
   - Which tools/technology were most useful to feel like you were part of the team?
     i. Why?
     ii. Was it easy or difficult to use?
        1. Why?
        2. Could you give us specific examples?
   - Which tools did you rely on in actually developing and deploying the mobileSHIELD unit?
     i. Why?
     ii. Was it easy or difficult to use?
        1. Why?
        2. Could you give us specific examples?
9. In general, how well is mobileSHIELD organized?
   - What are barriers you experience in the project?
     i. In the team?
   - What makes it easier for you in the project?
     i. In the team?
   - How has leadership on the project impacted your work?
     i. Is there a vision for the project?
        1. How clear has it been?
   - Have you felt able to share knowledge, experiment, seek feedback and make mistakes?
     i. What about the team or project organization made you feel that way?
   - Have you felt empowered to make decisions and act accordingly in the mobileSHIELD project?
10. How do you think your background and previous experiences influences your experience in the mobileSHIELD project?
    - What, if anything, would have made you feel more prepared to participate in the mobileSHIELD project?
11. What have you liked or enjoyed about mobileSHIELD?
12. What have you liked or not enjoyed about mobileSHIELD?
    - How would you improve it?

Design Process/Thinking

1. What were steps you took to understand the overall project or problem? (*problem framing*)
   - How were criteria/constraints established?
2. What types of investigations and research did you conduct as part of this project? (*process of building knowledge*)
   - How were lab technicians and workers considered in the design of mobileSHIELD?
   - What other users did you consider?
   - What system considerations were difficult?
3. Tell me about the range of ideas you worked with? How did you generate those ideas? (*idea fluency*)
   - Were early ideas difficult to let go?
   - Did you are the team use any brainstorming or divergent thinking techniques?
4. How did you represent ideas in this project? (*representing ideas*)
5. What were the most difficult decisions you faced in this project? How did you make these decisions? (*making decisions*)
6. What sorts of tests and experiments did you perform? (*troubleshooting*)
   - Tell me about prototypes used.
7. What was your role in the process of revising ideas? (*iterating*)
   - How did you incorporate feedback?
8. What was your process in checking to see if the solutions you were a part of were meeting the overall project goals? (*reflection*)
9. What did you like or do you think went well during the design of mobileSHIELD?
10. What did you not like or do you think went poorly during the design of mobileSHIELD?

Race/ethnicity questions

Please respond to the questions below or tell us if you would prefer not to answer about your race and ethnicity.

1. Do you consider yourself to be Hispanic, Latino or of Spanish origin?

   ☐ Yes

   ☐ No

2. Please choose one or more races that you consider yourself to be.

   CHOOSE ONE OR MORE

   ☐ White

   ☐ Black or African-American

   ☐ Asian

   ☐ American Indian or Alaska Native

   ☐ Native Hawaiian or Other Pacific Islander

Thank you for your participation.