MARCER Survey

1. Participant ID *

_____

Subjective questions

2. What are your thoughts in general about this robot system? *

_____

_____

_____

_____

_____

3. What made performing the task easier when using this system? *

_____

_____

_____

_____

_____

4.   What made performing the task harder when using this system? *

5.   Please explain how your opinion of the robot changed over the course of the experiment. *

6.   Which ability would you like the robot to have that it did not, or which ability would you like the robot to improve?

7.   What would you change about the interface design? *

8. How did the feedback in the system effect your programming process? *

_____

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_____

9. How did the augmented reality visualizations effect your perception of the robot? *

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10. Do you have any other comments about the study?

_____

_____

_____

_____

_____

SUS

11. I think that I would like to use this system frequently. *

Mark only one oval.

	1	2	3	4	5	
Stro	○	○	○	○	○	Strongly Agree

12. I found the system unnecessarily complex. *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

13. I thought the system was easy to use. *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

14. I think that I would need the support of a technical person to be able to use this system. *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

15. I found the various functions in this system were well integrated. *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

16. I thought there was too much inconsistency in this system. *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

17. I would imagine that most people would learn to use this system very quickly. *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

18. I found the system very cumbersome to use. *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

19. I felt very confident using the system. *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

20. I needed to learn a lot of things before I could get going with this system. *

Mark only one oval.

	1	2	3	4	5	
Stro	○	○	○	○	○	Strongly Agree

Control

21. It was easy to give speech commands to the robot. *

Mark only one oval.

	1	2	3	4	5	6	7	
Stro	○	○	○	○	○	○	○	Strongly Agree

22. I thought having the rule building display was useful *

Mark only one oval.

	1	2	3	4	5	6	7	
Stro	○	○	○	○	○	○	○	Strongly Agree

23. I thought having the option to use AR zones was useful. *

Mark only one oval.

	1	2	3	4	5	6	7	
Stro	○	○	○	○	○	○	○	Strongly Agree

24. It was easy to set location triggers. *

Mark only one oval.

	1	2	3	4	5	6	7	
Stro	◯	◯	◯	◯	◯	◯	◯	Strongly Agree

25. It was easy to set timed triggers. *

Mark only one oval.

	1	2	3	4	5	6	7	
Stro	◯	◯	◯	◯	◯	◯	◯	Strongly Agree

Teamwork

26. The human-robot team worked fluently together. *

Mark only one oval.

	1	2	3	4	5	6	7	
Stro	◯	◯	◯	◯	◯	◯	◯	Strongly Agree

27. The human-robot team's fluency improved over time. *

Mark only one oval.

	1	2	3	4	5	6	7	
Stro	◯	◯	◯	◯	◯	◯	◯	Strongly Agree

Demographics

28. What gender do you identify with? *

Mark only one oval.

⚪ Female

⚪ Male

⚪ Other

⚪ Prefer not to say

29. What is your age? *

_____

30. What is your current occupation? If student, please specify your field of study (Example: Student - Computer Science)

_____

31. Roughly how many years of computer programming experience do you have? *

Mark only one oval.

⚪ No experience

⚪ 1 year or less

⚪ 2 years

⚪ 3 or more years

32. Do you own any Internet of Things (IoT) device? (i.e., Amazon Alexa, Google Home, Smart Lights) *

Mark only one oval.

◯ Yes

◯ No

33. Before this study, how familiar were you with "If This Then That" or "Trigger-Action" programming? *

Mark only one oval.

	1	2	3	4	5	6	7	
Not	◯	◯	◯	◯	◯	◯	◯	Very Familiar

34. Prior to this study, how much experience did you have working with robots? *

Mark only one oval.

	1	2	3	4	5	6	7	
I hav	◯	◯	◯	◯	◯	◯	◯	I have a lot of experience working with robots

35. Prior to this study, how much experience did you have with virtual or augmented reality technology? (i.e., HoloLens, Oculus Quest, HTC Vive)

Mark only one oval.

	1	2	3	4	5	6	7	
I hav	◯	◯	◯	◯	◯	◯	◯	I have a lot of experience with virtual or augmented reality technology

Google Forms